Appendix J:
Single Warehouse Alternative Supporting Information

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J.1 - Single Warehouse Alternative – Air Quality and Greenhouse Gas Emissions

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TECHNICAL MEMORANDUM

DATE	June 21, 2021
TO	CenterPoint Properties
ADDRESS	CenterPoint Properties 725 S. Figueroa Street, Suite 3005 Los Angeles, California 90017
CONTACT	William Lu, Senior Vice President Ryan Kelleher, Manager of Development Transactions
FROM	John Vang, Senior Associate
SUBJECT	Single Warehouse Alternative Project, 506 Brookside Drive, North Richmond, CA Air Quality and Greenhouse Gas Emissions Technical Memorandum
PROJECT NUMBER	CPP-06

Introduction

This technical memorandum provides the air quality and GHG emissions inventory associated with the proposed Single Warehouse Alternative for the project site at 506 Brookside Drive in North Richmond, an unincorporated area in Contra Costa County, California. The site is bounded by Brookside Drive to the north; Fred Jackson Way to the west; industrial uses to the east; and Verde Elementary School, North Richmond Ball Field, and a storage facility to the south. The Single Warehouse Alternative would encompass 31.88 acres and would include one building with 165,456 square feet (SF) for industrial warehouse space and 18,000 SF for office space (183,456 SF total building space). Unless otherwise noted, the evaluation for the Single Warehouse Alternative utilized the assumptions for Scenario 4, Years 2021, 2023, 2025, and 2027.

Methodology and Assumptions

Land use numbers are based on preliminary information received from CenterPoint Properties. Trip generation and vehicle miles traveled (VMT) data for the proposed Single Warehouse Alternative are provided by Kittelson & Associates (Kittelson) and are shown in Table 1.

Table 1 Single Warehouse Alternative Average Daily Vehicle Trips and Vehicle Miles Traveled

Project	Passenger	Delivery Vehicles	Heavy-Duty Trucks	Total
Single Warehouse Alternative Daily Vehicle Trips	1,074	492	50	1,616
One-Way Trip Length (miles)	20.53	20.53	28.61	N/A
Total Daily Vehicle Miles Traveled	**22,049**	**10,101**	**1,431**	**33,580**

Source: Kittelson & Associates. 2021, May 12. VMT Analysis per SB 743 and County Guidelines Technical Memorandum.

Table 2 shows the fuel/engine type assumed for off-road equipment and on-road vehicles. The fuel/engine type for off-road equipment and delivery vehicles emissions are based on assumptions for Scenario 4 for years 2021, 2023, 2025, and 2027. However, for purposes of this evaluation, heavy-duty trucks are considered nondrayage, nondomiciled trucks and would not be subject to the clean fleet provisions of the conditions of approval (COA). Thus, heavy-duty trucks are modeled as diesel-powered, and the default aggregated emissions data from EMFAC2017, Version 1.0.2, for calendar years 2021, 2023, 2025, and 2027 are used. Additionally, the HHDT EMFAC2007 vehicle category is used to represent heavy-duty trucks.[1] Because delivery vehicles are anticipated to primarily consist of vans (e.g., Mercedes-Benz Sprinter), only the LHD1 and LHD2 EMFAC2007 vehicle categories are used to represent this vehicle type.[2] Additionally, for the non-zero-emission delivery vehicles, the ratio between gas- and diesel-fueled delivery vehicles is based on the default fleet mix assumed in EMFAC2017.

Table 2 Vehicle Fuel Type Assumptions

	Fuel Type			
Vehicle/Equipment	Year 2021	Year 2023	Year 2025	Year 2027
Off-Road Equipment[1]	Zero Emission	Zero Emission	Zero Emission	Zero Emission
Delivery Vehicles[1]	33% Zero Emission/67% Gasoline & Diesel	65% Zero Emission/35% Gasoline & Diesel	80% Zero Emission/20% Gasoline & Diesel	100% Zero Emission
Heavy-Duty Trucks[2]	Diesel	Diesel	Diesel	Diesel

[1] Based on Scenario 4 assumptions.
[2] Assumes to be nondomiciled trucks that would not be subject to the clean fleet provisions of the COA.

[1] HHDT=heavy-heavy duty truck
[2] LHD1=light heavy duty 1; LHD2=light heavy duty 2

Analysis and Modeling Results

A discussion on the operational emissions inventories associated with the proposed Single Warehouse Alternative are provided below.

OPERATION

Year 2021

Scenario 4 – Year 2021 assumes the following for off-road equipment and delivery vehicles and heavy-duty trucks:

» **Off-Road Equipment:** Zero emissions and assumed all forklifts and yard trucks would be electric powered.

» **Delivery Vehicles:** 33 percent zero emissions (electric powered) and 67 percent diesel powered.

» **Heavy-Duty Trucks:** 100 percent diesel powered.

AIR QUALITY

As shown in Table 3, the proposed Single Warehouse Alternative would not generate regional emissions in exceedance of the Bay Area Air Quality Management District (BAAQMD) annual and average daily regional significance thresholds.

Table 3 Scenario 4 – Year 2021: Operational Criteria Air Pollutants Emissions

Source	Criteria Air Pollutants			
	VOC	NO_x	PM_{10}[1]	$PM_{2.5}$[1]
Annual Emissions (Tons/Yr)				
Area	1	<1	<1	<1
Energy[2]	<1	<1	<1	<1
On-Road Mobile Sources (Passenger)[3]	1	1	3	1
On-Road Mobile Sources (Delivery Vehicles)[3,4]	<1	4	2	<1
On-Road Mobile Sources (Heavy-Duty Trucks) [3,5]	<1	3	<1	<1
Total	**2**	**7**	**5**	**1**
BAAQMD Annual Project-Level Threshold	10	10	15	10
Exceeds Average Daily Threshold?	**No**	**No**	**No**	**No**
Average Daily Emissions (Pounds/Day)[6]				
Single Warehouse Alternative Average Daily Emissions	11	38	26	8
BAAQMD Average Daily Project-Level Threshold	54	54	82	54
Exceeds Average Daily Threshold?	**No**	**No**	**No**	**No**

Notes:
1 Combined exhaust and fugitive dust emissions.
2 New buildings would be constructed to the 2019 Building Energy Efficiency Standards and are modeled to be 1 percent more energy efficient for natural gas, compared to the 2016 Building Energy Efficiency Standards (NORESCO. 2018, June 29. Impact Analysis: 2019 Update to California Energy Efficiency Standards for Residential and Non-Residential Buildings.).
3 Based on calendar year 2021 aggregated emission rates derived from EMFAC2017 Version 1.0.2 emissions data and CalEEMod methodology.
4 Assumes 33 percent of vehicles would be zero emission.
5 Assumes 100 percent diesel powered.
6 Average daily emissions are based on the annual operational emissions divided by 365 days.

GREENHOUSE GAS EMISSIONS

As shown in Table 4, the proposed Single Warehouse Alternative would generate annual GHG emissions equivalent to 5,275 metric tons of carbon dioxide per year ($MTCO_2e$/yr) and would exceed the BAAQMD bright-line threshold of 660 $MTCO_2e$/yr.

Table 4 Scenario 4 – Year 2021: Operational GHG Emissions Forecast

Source	GHG Emissions	
	$MTCO_2e$/Yr	Percent Proportion
Area	<1	<1%
Energy[1,2]	189	4%
On-Road Mobile Sources (Passenger)[3]	2,137	41%
On-Road Mobile Sources (Delivery Vehicles)[3,4]	1,988	38%
On-Road Mobile Sources (Heavy-Duty Trucks)[3,5]	811	15%
Off-Road Equipment[6]	0	0%
Waste	112	2%
Water/Wastewater	38	1%
Total	**5,275**	**100%**
BAAQMD Bright-Line Screening Threshold[7]	660	NA
Exceeds Threshold?	**Yes**	**NA**

Source: CalEEMod 2016.3.2.

Notes: Manual summation of the sources may not equal to the Total due to rounding.

1 New buildings are assumed to comply with the 2019 Building Energy Efficiency Standards and are modeled to be 10.7 percent and 1 percent more energy efficient for electricity and natural gas, respectively, compared to the 2016 Building Energy Efficiency Standards (NORESCO. 2018, June 29. Impact Analysis: 2019 Update to California Energy Efficiency Standards for Residential and Non-Residential Buildings.). The proposed solar photovoltaic system would generate up to 8.083 gigawatt hours per year of renewable electricity and would provide 100 percent of the anticipated electricity demand of the Single Warehouse Alternative.

2 Energy sector emissions are associated with project-related natural gas usage.

3 Based on calendar year 2021 aggregated emission rates derived from EMFAC2017 Version 1.0.2 emissions data and CalEEMod methodology.

4 Assumes 33 percent of vehicles would be zero emission.

5 Assumes 100 percent diesel powered.

6 Assumes 100 percent zero emission.

7 Based on BAAQMD's 1,100 $MTCO_2e$/yr bright-line threshold for AB 32 and the SB 32 GHG reduction target of 40 percent below 1990 levels by year 2030.

Year 2023

Scenario 4 – Year 2023 assumes the following for off-road equipment, delivery vehicles, and heavy-duty trucks:

» **Off-Road Equipment:** Zero emissions and assumed all forklifts and yard trucks would be electric powered.

» **Delivery Vehicles:** 65 percent zero emissions (electric powered) and 35 percent diesel powered.

» **Heavy-Duty Trucks:** 100 percent diesel powered.

AIR QUALITY

As shown in Table 5, the proposed Single Warehouse Alternative would not generate regional emissions in exceedance of the BAAQMD annual and average daily regional significance thresholds.

Table 5 Scenario 4 – Year 2023: Operational Criteria Air Pollutants Emissions

Source	Criteria Air Pollutants			
	VOC	NO_x	PM_{10}[1]	$PM_{2.5}$[1]
Annual Emissions (Tons/Yr)				
Area	1	<1	<1	<1
Energy[2]	<1	<1	<1	<1
On-Road Mobile Sources (Passenger)[3]	1	<1	3	1
On-Road Mobile Sources (Delivery Vehicles)[3,4]	<1	2	2	<1
On-Road Mobile Sources (Heavy-Duty Trucks)[3,5]	<1	2	<1	<1
Total	**2**	**4**	**5**	**1**
BAAQMD Annual Project-Level Threshold	10	10	15	10
Exceeds Average Daily Threshold?	**No**	**No**	**No**	**No**
Average Daily Emissions (Pounds/Day)[6]				
Single Warehouse Alternative Average Daily Emissions	10	21	26	7
BAAQMD Average Daily Project-Level Threshold	54	54	82	54
Exceeds Average Daily Threshold?	**No**	**No**	**No**	**No**

Notes: ()=negative value.

1 Combined exhaust and fugitive dust emissions.

2 New buildings would be constructed to the 2019 Building Energy Efficiency Standards and are modeled to be 1 percent more energy efficient for natural gas, compared to the 2016 Building Energy Efficiency Standards (NORESCO. 2018, June 29. Impact Analysis: 2019 Update to California Energy Efficiency Standards for Residential and Non-Residential Buildings).

3 Based on calendar year 2023 aggregated emission rates derived from EMFAC2017 Version 1.0.2 emissions data and CalEEMod methodology.

4 Assumes 65 percent of vehicles would be zero emission.

5 Assumes 100 percent diesel powered.

6 Average daily emissions are based on the annual operational emissions divided by 365 days.

GREENHOUSE GAS EMISSIONS

As shown in Table 6, the proposed Single Warehouse Alternative would generate annual GHG emissions of 4,128 $MTCO_2e$/yr and would exceed the BAAQMD bright-line threshold of 660 $MTCO_2e$/yr.

Table 6 Scenario 4 – Year 2023: Operational GHG Emissions Forecast

Source	GHG Emissions	
	$MTCO_2e$/Yr	Percent Proportion
Area	<1	<1%
Energy[1,2]	189	5%
On-Road Mobile Sources (Passenger)[3]	2,030	49%
On-Road Mobile Sources (Delivery Vehicles)[3,4]	1,009	24%
On-Road Mobile Sources (Heavy-Duty Trucks)[3,5]	750	18%
Off-Road Equipment[6]	0	0%
Waste	112	3%
Water/Wastewater	38	1%
Total	**4,128**	**100%**
BAAQMD Bright-Line Screening Threshold[7]	660	NA
Exceeds Threshold?	**Yes**	**NA**

Source: CalEEMod 2016.3.2.
Notes: Manual summation of the sources may not equal to the Total due to rounding.
1 New buildings are assumed to comply with the 2019 Building Energy Efficiency Standards and are modeled to be 10.7 percent and 1 percent more energy efficient for electricity and natural gas, respectively, compared to the 2016 Building Energy Efficiency Standards (NORESCO. 2018, June 29. Impact Analysis: 2019 Update to California Energy Efficiency Standards for Residential and Non-Residential Buildings.). The proposed solar photovoltaic system would generate up to 8.083 gigawatt hours per year of renewable electricity and would provide 100 percent of the anticipated electricity demand of the Single Warehouse Alternative.
2 Energy sector emissions are associated with project-related natural gas usage.
3 Based on calendar year 2023 aggregated emission rates derived from EMFAC2017 Version 1.0.2 emissions data and CalEEMod methodology.
4 Assumes 65 percent of vehicles would be zero emission.
5 Assumes 100 percent diesel powered.
6 Assumes 100 percent zero emission.
7 Based on BAAQMD's 1,100 $MTCO_2e$/yr bright-line threshold for AB 32 and the SB 32 GHG reduction target of 40 percent below 1990 levels by year 2030.

Year 2025

Scenario 4 – Year 2025 assumes the following for off-road equipment, delivery vehicles, and heavy-duty trucks:

» **Off-Road Equipment:** Zero emissions and assumed all forklifts and yard trucks would be electric powered.

» **Delivery Vehicles:** 80 percent zero emissions (electric powered) and 20 percent diesel powered.

» **Heavy-Duty Trucks:** 100 percent diesel powered.

AIR QUALITY

As shown in Table 7, the proposed Single Warehouse Alternative would not generate regional emissions in exceedance of the BAAQMD annual and average daily regional significance thresholds.

Table 7 Scenario 4 – Year 2025: Operational Criteria Air Pollutants Emissions

Source	Criteria Air Pollutants			
	VOC	NO_x	PM_{10}[1]	$PM_{2.5}$[1]
Annual Emissions (Tons/Yr)				
Area	1	<1	<1	<1
Energy[2]	<1	<1	<1	<1
On-Road Mobile Sources (Passenger)[3]	<1	<1	3	1
On-Road Mobile Sources (Delivery Vehicles)[3,4]	<1	1	2	<1
On-Road Mobile Sources (Heavy-Duty Trucks)[3,5]	<1	2	<1	<1
Total	2	3	5	1
BAAQMD Annual Project-Level Threshold	10	10	15	10
Exceeds Average Daily Threshold?	**No**	**No**	**No**	**No**
Average Daily Emissions (Pounds/Day)[6]				
Single Warehouse Alternative Average Daily Emissions	9	16	26	7
BAAQMD Average Daily Project-Level Threshold	54	54	82	54
Exceeds Average Daily Threshold?	**No**	**No**	**No**	**No**

Notes: ()=negative value.

[1] Combined exhaust and fugitive dust emissions.

[2] New buildings would be constructed to the 2019 Building Energy Efficiency Standards and are modeled to be 1 percent more energy efficient for natural gas, compared to the 2016 Building Energy Efficiency Standards (NORESCO. 2018, June 29. Impact Analysis: 2019 Update to California Energy Efficiency Standards for Residential and Non-Residential Buildings).

[3] Based on calendar year 2025 aggregated emission rates derived from EMFAC2017 Version 1.0.2 emissions data and CalEEMod methodology.

[4] Assumes 80 percent of vehicles would be zero emission.

[5] Assumes 100 percent diesel powered.

[6] Average daily emissions are based on the annual operational emissions divided by 365 days.

GREENHOUSE GAS EMISSIONS

As shown in Table 8, the proposed Single Warehouse Alternative would generate annual GHG emissions of 3,553 $MTCO_2e$/yr and would exceed the BAAQMD bright-line threshold of 660 $MTCO_2e$/yr.

Table 8 Scenario 4 – Year 2025: Operational GHG Emissions Forecast

Source	GHG Emissions ($MTCO_2e$/Year)	
	$MTCO_2e$/Yr	Percent Proportion
Area	<1	<1%
Energy[1,2]	189	5%
On-Road Mobile Sources (Passenger)[3]	1,932	54%
On-Road Mobile Sources (Delivery Vehicles)[3,4]	558	16%
On-Road Mobile Sources (Heavy-Duty Trucks)[3,5]	725	20%
Off-Road Equipment[6]	0	0%
Waste	112	3%
Water/Wastewater	38	1%
Total	**3,553**	**100%**
BAAQMD Bright-Line Screening Threshold[7]	660	NA
Exceeds Threshold?	**Yes**	**NA**

Source: CalEEMod 2016.3.2.

Notes: Manual summation of the sources may not equal to the Total due to rounding.

1 New buildings are assumed to comply with the 2019 Building Energy Efficiency Standards and are modeled to be 10.7 percent and 1 percent more energy efficient for electricity and natural gas, respectively, compared to the 2016 Building Energy Efficiency Standards (NORESCO. 2018, June 29. Impact Analysis: 2019 Update to California Energy Efficiency Standards for Residential and Non-Residential Buildings). The proposed solar photovoltaic system would generate up to 8.083 gigawatt hours per year of renewable electricity and would provide 100 percent of the anticipated electricity demand of the Single Warehouse Alternative.

2 Energy sector emissions are associated with project-related natural gas usage.

3 Based on calendar year 2025 aggregated emission rates derived from EMFAC2017 Version 1.0.2 emissions data and CalEEMod methodology.

4 Assumes 80 percent of vehicles would be zero emission.

5 Assumes 100 percent diesel powered.

6 Assumes 100 percent zero emission.

7 Based on BAAQMD's 1,100 $MTCO_2e$/yr bright-line threshold for AB 32 and the SB 32 GHG reduction target of 40 percent below 1990 levels by year 2030.

Year 2027

Scenario 4 – Year 2027 assumes the following for off-road equipment, delivery vehicles, and heavy-duty trucks:

» **Off-Road Equipment:** Zero emissions and assumed all forklifts and yard trucks would be electric powered.

» **Delivery Vehicles:** 100 percent zero emissions.

» **Heavy-Duty Trucks:** 100 percent diesel powered.

AIR QUALITY

As shown in Table 9, the proposed Single Warehouse Alternative would not generate regional emissions in exceedance of the BAAQMD annual and average daily regional significance thresholds.

Table 9 Scenario 4 – Year 2027: Operational Criteria Air Pollutants Emissions

Source	Criteria Air Pollutants			
	VOC	NO_x	PM_{10}[1]	$PM_{2.5}$[1]
Annual Emissions (Tons/Yr)				
Area	1	<1	<1	<1
Energy[2]	<1	<1	<1	<1
On-Road Mobile Sources (Passenger)[3]	<1	<1	3	1
On-Road Mobile Sources (Delivery Vehicles)[3,4]	<1	0	2	<1
On-Road Mobile Sources (Heavy-Duty Trucks)[3,5]	<1	2	<1	<1
Total	**1**	**2**	**5**	**1**
BAAQMD Annual Project-Level Threshold	10	10	15	10
Exceeds Average Daily Threshold?	**No**	**No**	**No**	**No**
Average Daily Emissions (Pounds/Day)[6]				
Single Warehouse Alternative Average Daily Emissions	8	12	26	7
BAAQMD Average Daily Project-Level Threshold	54	54	82	54
Exceeds Average Daily Threshold?	**No**	**No**	**No**	**No**

Notes: ()=negative value.

1 Combined exhaust and fugitive dust emissions.

2 New buildings would be constructed to the 2019 Building Energy Efficiency Standards and are modeled to be 1 percent more energy efficient for natural gas, compared to the 2016 Building Energy Efficiency Standards (NORESCO. 2018, June 29. Impact Analysis: 2019 Update to California Energy Efficiency Standards for Residential and Non-Residential Buildings).

3 Based on calendar year 2027 aggregated emission rates derived from EMFAC2017 Version 1.0.2 emissions data and CalEEMod methodology.

4 Assumes 100 percent zero emission.

5 Assumes 100 percent diesel powered.

6 Average daily emissions are based on the annual operational emissions divided by 365 days.

GREENHOUSE GAS EMISSIONS

As shown in Table 10, the proposed Single Warehouse Alternative would generate annual GHG emissions of 2,880 $MTCO_2e$/yr and would exceed the BAAQMD bright-line threshold of 660 $MTCO_2e$/yr.

Table 10 Scenario 4 – Year 2027: Operational GHG Emissions Forecast

Source	GHG Emissions ($MTCO_2e$/Year)	
	$MTCO_2e$/Yr	Percent Proportion
Area	<1	<1%
Energy[1,2]	189	7%
On-Road Mobile Sources (Passenger)[3]	1,847	64%
On-Road Mobile Sources (Delivery Vehicles)[3,4]	0	0%
On-Road Mobile Sources (Heavy-Duty Trucks)[3,5]	694	24%
Off-Road Equipment[6]	0	0%
Waste	112	4%
Water/Wastewater	38	1%
Total	**2,880**	**100%**
BAAQMD Bright-Line Screening Threshold[7]	660	NA
Exceeds Threshold?	**Yes**	**NA**

Source: CalEEMod 2016.3.2.

Notes: Manual summation of the sources may not equal to the Total due to rounding.

1 New buildings are assumed to comply with the 2019 Building Energy Efficiency Standards and are modeled to be 10.7 percent and 1 percent more energy efficient for electricity and natural gas, respectively, compared to the 2016 Building Energy Efficiency Standards (NORESCO. 2018, June 29. Impact Analysis: 2019 Update to California Energy Efficiency Standards for Residential and Non-Residential Buildings). The proposed solar photovoltaic system would generate up to 8.083 gigawatt hours per year of renewable electricity and would provide 100 percent of the anticipated electricity demand of the Single Warehouse Alternative.

2 Energy sector emissions are associated with project-related natural gas usage.

3 Based on calendar year 2027 aggregated emission rates derived from EMFAC2017 Version 1.0.2 emissions data and CalEEMod methodology.

4 Assumes 100 percent zero emission.

5 Assumes 100 percent diesel powered.

6 Assumes 100 percent zero emission.

7 Based on BAAQMD's 1,100 $MTCO_2e$/yr bright-line threshold for AB 32 and the SB 32 GHG reduction target of 40 percent below 1990 levels by year 2030.

Appendix A – Emissions Worksheets and Modeling Assumptions

Annual Criteria Air Pollutant Emissions Summary - Operations: Scenario 4

Scenario 4: Year 2021

Source	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					Tons/yr					
Area	0.89	0.00002	0.00	0.00		0.00	0.00001		0.00	0.00001
Energy	0.02	0.17	0.15	0.00		0.01	0.01		0.01	0.01
Mobile Sources (Passenger)	0.62	0.58	8.61	0.23	2.94	0.01	2.96	0.78	0.01	0.79
Mobile Sources (Delivery Vans/Trucks)	0.45	3.57	2.64	0.02	1.53	0.04	1.57	0.43	0.04	0.48
Mobile Sources (Drayage Trucks)										
Mobile Sources (Other Heavy Duty Trucks)	0.09	2.53	0.41	0.01	0.22	0.04	0.26	0.06	0.03	0.09
Offroad*	0	0	0	0	0	0	0	0	0	0
Waste						0.00	0.00		0.00	0.00
Water						0.00	0.00		0.00	0.00
Total	2.07	6.85	11.81	0.26	4.69	0.11	4.80	1.28	0.10	1.38
BAAQMD Threshold (Annual)	10.00	10.00	NA	NA	NA	NA	15.00	NA	NA	10.00
Exceeds Threshold	No	No	NA	NA	NA	NA	No	NA	NA	No
3-Building Scenario 4 - Year 2021	3.09	6.32	7.02	0.05	3.21	0.12	3.34	0.84	0.12	0.96
Net Difference	(1.02)	0.53	4.79	0.21	1.48	(0.02)	1.46	0.43	(0.02)	0.41
Net Change in Percent	-33%	8%	68%	427%	46%	-14%	44%	51%	-15%	43%
	0.67						1.44			1.43

** Offroad criteria air pollutants zeroed out to account for electric offroad equipment.*

	2.07						4.80			1.38

Scenario 4: Year 2023

Source	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					Tons/yr					
Area	0.89	0.00002	0.00	0.00		0.00	0.00001		0.00	0.00001
Energy	0.02	0.17	0.15	0.00		0.01	0.01		0.01	0.01
Mobile Sources (Passenger)	0.54	0.47	7.53	0.02	2.94	0.01	2.95	0.78	0.02	0.79
Mobile Sources (Delivery Vans/Trucks)	0.27	1.53	1.20	0.01	1.53	0.02	1.55	0.43	0.02	0.45
Mobile Sources (Drayage Trucks)										
Mobile Sources (Other Heavy Duty Trucks)	0.02	1.69	0.26	0.01	0.22	0.01	0.23	0.06	0.01	0.07
Offroad*	0	0	0	0	0	0	0	0	0	0
Waste						0.00	0.00		0.00	0.00
Water						0.00	0.00		0.00	0.00
Total	1.74	3.86	9.14	0.04	4.69	0.06	4.75	1.28	0.07	1.34
BAAQMD Threshold (Annual)	10.00	10.00	NA	NA	NA	NA	15.00	NA	NA	10.00
Exceeds Threshold	No	No	NA	NA	NA	NA	No	NA	NA	No
3-Building Scenario 4 - Year 2023	3.00	6.37	6.14	0.05	3.21	0.11	3.32	0.84	0.11	0.95
Net Difference	(1.26)	(2.51)	3.00	(0.00)	1.48	(0.05)	1.43	0.43	(0.04)	0.39
Net Change in Percent	(0.42)	(0.39)	0.49	(0.11)	0.46	(0.44)	0.43	0.51	(0.36)	0.41

** Offroad criteria air pollutants zeroed out to account for electric offroad equipment.*

Scenario 4: Year 2025

Source	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					Tons/yr					
Area	0.89	0.00002	0.00	0.00		0.00	0.00001		0.00	0.00001
Energy	0.02	0.17	0.15	0.00		0.01	0.01		0.01	0.01
Mobile Sources (Passenger)	0.48	0.40	6.77	0.02	2.94	0.01	2.95	0.78	0.01	0.79
Mobile Sources (Delivery Vans/Trucks)	0.18	0.70	0.60	0.01	1.53	0.01	1.54	0.44	0.01	0.45
Mobile Sources (Drayage Trucks)										
Mobile Sources (Other Heavy Duty Trucks)	0.0224	1.69	0.26	0.01	0.22	0.01	0.24	0.06	0.01	0.07
Offroad*	0	0	0	0	0	0	0	0	0	0
Waste						0.00	0.00		0.00	0.00
Water						0.00	0.00		0.00	0.00
Total	1.60	2.96	7.78	0.03	4.69	0.05	4.74	1.28	0.05	1.33
BAAQMD Threshold (Annual)	10.00	10.00	NA	NA	NA	NA	15.00	NA	NA	10.00
Exceeds Threshold	No	No	NA	NA	NA	NA	No	NA	NA	No
3-Building Scenario 4 - Year 2025	2.88	0.85	4.60	0.02	3.21	0.05	3.26	0.84	0.05	0.90

Net Difference	(1.28)	2.11	3.18	0.02	1.48	(0.00)	1.48	0.43	(0.00)	0.43
Net Change in Percent	(0.44)	2.49	0.69	1.11	0.46	(0.04)	0.45	0.51	(0.07)	0.48

** Offroad criteria air pollutants zeroed out to account for electric offroad equipment.*

Scenario 4: Year 2027

Source	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					Tons/yr					
Area	0.89	0.00002	0.00	0.00		0.00	0.00001		0.00	0.00001
Energy	0.02	0.17	0.15	0.00		0.01	0.01		0.01	0.01
Mobile Sources (Passenger)	0.44	0.35	6.23	0.02	2.94	0.01	2.95	0.78	0.01	0.79
Mobile Sources (Delivery Vans/Trucks)	0.092	0.00	0.00	0.00	1.53	0.00	1.53	0.44	0.00	0.44
Mobile Sources (Drayage Trucks)										
Mobile Sources (Other Heavy Duty Trucks)	0.0221	1.65	0.26	0.01	0.22	0.01	0.23	0.06	0.01	0.07
Offroad*	0	0	0	0	0	0	0	0	0	0
Waste						0.00	0.00		0.00	0.00
Water						0.00	0.00		0.00	0.00
Total	1.47	2.18	6.65	0.03	4.69	0.04	4.73	1.28	0.04	1.31
BAAQMD Threshold (Annual)	10.00	10.00	NA	NA	NA	NA	15.00	NA	NA	10.00
Exceeds Threshold	No	No	NA	NA	NA	NA	No	NA	NA	No
3-Building Scenario 4 - Year 2027	2.84	0.73	4.19	0.01	3.21	0.05	3.26	0.84	0.05	0.89
Net Difference	(1.37)	1.45	2.46	0.01	1.48	(0.01)	1.47	0.43	(0.01)	0.42
Net Change in Percent	(0.48)	1.97	0.59	0.86	0.46	(0.17)	0.45	0.51	(0.19)	0.48

** Offroad criteria air pollutants zeroed out to account for electric offroad equipment.*

Average Daily Criteria Air Pollutant Emissions Summary - Operations: Scenario 4

Annual emissions divided by 365 days/year to obtain average daily emissions.

Scenario 4: Year 2021

Source	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Area Sources	4.89	0.0001	0.01	0.00	0.00	0.00	0.0001	0.00	0.00	0.0001
Energy Use	0.10	0.95	0.80	0.01	0.00	0.07	0.07	0.00	0.07	0.07
Mobile Sources (Passenger)	3.41	3.19	47.16	1.27	16.12	0.08	16.19	4.28	0.07	4.36
Mobile Sources (Delivery Vans/Trucks)	2.46	19.56	14.46	0.12	8.38	0.24	8.62	2.38	0.23	2.61
Mobile Sources (Drayage Trucks)	0.0000	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile Sources (Other Heavy Duty Trucks)	0.49	13.84	2.27	0.05	1.21	0.20	1.40	0.33	0.19	0.52
Offroad	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Waste Generation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water/Wastewater	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	11.35	37.53	64.69	1.44	25.70	0.59	26.29	6.99	0.56	7.55
BAAQMD Threshold (Daily)	54.00	54.00	NA	NA	NA	NA	82.00	NA	NA	54.00
Exceeds Threshold	No	No	NA	NA	NA	NA	No	NA	NA	No
3-Building Scenario 4 - Year 2021	16.92	34.64	38.44	0.27	17.60	0.68	18.28	4.63	0.66	5.28
Net Difference	(5.56)	2.90	26.25	1.17	8.10	(0.09)	8.01	2.37	(0.10)	2.27
Net Change in Percent	(0.33)	0.08	0.68	4.27	0.46	(0.14)	0.44	0.51	(0.15)	0.43

** Offroad criteria air pollutants zeroed out to account for electric offroad equipment.*

Scenario 4: Year 2023

Source	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Area Sources	4.89	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Energy Use	0.10	0.95	0.80	0.01	0.00	0.07	0.07	0.00	0.07	0.07
Mobile Sources (Passenger)	2.97	2.59	41.27	0.12	16.12	0.07	16.19	4.28	0.12	4.35
Mobile Sources (Delivery Vans/Trucks)	1.46	8.37	6.58	0.06	8.39	0.11	8.50	2.38	0.11	2.49
Mobile Sources (Drayage Trucks)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile Sources (Other Heavy Duty Trucks)	0.12	9.26	1.43	0.04	1.21	0.08	1.29	0.33	0.08	0.41
Offroad	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Waste Generation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water/Wastewater	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	9.55	21.16	50.08	0.23	25.71	0.34	26.05	7.00	0.37	7.32
BAAQMD Threshold (I	54.00	54.00	NA	NA	NA	NA	82.00	NA	NA	54.00
Exceeds Threshold	No	No	NA	NA	NA	NA	No	NA	NA	No
3-Building Scenario 4 - Year 2023	16.46	34.91	33.65	0.25	17.60	0.60	18.20	4.63	0.58	5.21
Net Difference	(6.91)	(13.74)	16.43	(0.03)	8.11	(0.26)	7.85	2.37	(0.21)	2.11
Net Change in Percent	(0.42)	(0.39)	0.49	(0.11)	0.46	(0.44)	0.43	0.51	(0.36)	0.41

** Offroad criteria air pollutants zeroed out to account for electric offroad equipment.*

Scenario 4: Year 2025

Source	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Area Sources	4.89	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Energy Use	0.10	0.95	0.80	0.01	0.00	0.07	0.07	0.00	0.07	0.07
Mobile Sources (Passenger)	2.65	2.19	37.08	0.11	16.12	0.07	16.18	4.28	0.06	4.34
Mobile Sources (Delivery Vans/Trucks)	1.00	3.86	3.30	0.03	8.39	0.06	8.45	2.38	0.06	2.44
Mobile Sources (Drayage Trucks)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile Sources (Other Heavy Duty Trucks)	0.12	9.24	1.44	0.04	1.21	0.08	1.29	0.33	0.08	0.41
Offroad	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Waste Generation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water/Wastewater	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	8.76	16.23	42.63	0.19	25.72	0.28	25.99	7.00	0.26	7.26
BAAQMD Threshold (I	54.00	54.00	NA	NA	NA	NA	82.00	NA	NA	54.00
Exceeds Threshold	No	No	NA	NA	NA	NA	No	NA	NA	No
3-Building Scenario 4 - Year 2025	15.77	4.65	25.20	0.09	17.60	0.29	17.89	4.62	0.28	4.91

Net Difference	(7.00)	11.58	17.42	0.10	8.12	(0.01)	8.11	2.37	(0.02)	2.36
Net Change in Percent	(0.44)	2.49	0.69	1.11	0.46	(0.04)	0.45	0.51	(0.07)	0.48

** Offroad criteria air pollutants zeroed out to account for electric offroad equipment.*

Scenario 4: Year 2027

Source	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
					lbs/day					
Area Sources	4.89	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Energy Use	0.10	0.95	0.80	0.01	0.00	0.07	0.07	0.00	0.07	0.07
Mobile Sources (Passenger)	2.42	1.94	34.16	0.11	16.12	0.06	16.18	4.28	0.06	4.34
Mobile Sources (Delivery Vans/Trucks)	0.50	0.00	0.00	0.00	8.39	0.00	8.39	2.39	0.00	2.39
Mobile Sources (Drayage Trucks)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile Sources (Other Heavy Duty Trucks)	0.12	9.07	1.44	0.04	1.21	0.08	1.29	0.33	0.07	0.41
Offroad	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Waste Generation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water/Wastewater	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	8.03	11.95	36.41	0.15	25.72	0.21	25.93	7.00	0.20	7.20
BAAQMD Threshold (I	54.00	54.00	NA	NA	NA	NA	82.00	NA	NA	54.00
Exceeds Threshold	No	No	NA	NA	NA	NA	No	NA	NA	No
3-Building Scenario 4 - Year 2027	15.56	4.02	22.95	0.08	17.60	0.25	17.85	4.62	0.25	4.88
Net Difference	(7.53)	7.93	13.47	0.07	8.12	(0.04)	8.08	2.38	(0.05)	2.33
Net Change in Percent	(0.48)	1.97	0.59	0.86	0.46	(0.17)	0.45	0.51	(0.19)	0.48

** Offroad criteria air pollutants zeroed out to account for electric offroad equipment.*

Greenhouse Gas Emissions Summary - Buildout

GHG Emissions Thresholds

	BAAQMD Threshold - AB 32 Target	SB 32 GHG Reduction Target (40% of 1990 Levels by 2030)
Year	2020	2030
Threshold (MTCO2e/Yr)	1,100	660

** Forecasts based on BAAQMD's 1,100 MTCO2e/yr brightline threshold and the SB 32 GHG reduction target of 40 percent below 1990 levels by year 2030.*

Scenario 4

	Year 2021		Year 2023		Year 2025		Year 2027	
Sources	CO2e	Percent of Total	CO2e	Percent of Total	CO2e	Percent of Total	CO2e	Percent of Total
Area Sources	0	0.00%	0	0%	0	0%	0	0%
Energy Use	189	4%	189	5%	189	5%	189	7%
Mobile Sources (Passenger)	2,137	41%	2,030	49%	1,932	54%	1,847	64%
Mobile Sources (Delivery Vans/Trucks)	1,988	38%	1,009	24%	558	16%	0	0%
Mobile Sources (Other Heavy Duty Trucks)	811	15%	750	18%	725	20%	694	24%
Offroad	0	0%	0	0%	0	0%	0	0%
Waste Generation	112	2%	112	3%	112	3%	112	4%
Water/Wastewater	38	1%	38	1%	38	1%	38	1%
Total	**5,275**	100%	**4,128**	100%	**3,553**	100%	**2,880**	100%
BAAQMD Threshold	**660**		**660**		**660**		**660**	
Exceeds Threshold	**Yes**		**Yes**		**Yes**		**Yes**	

CalEEMod Project Characteristics Inputs

Name:	Single Warehouse Alternative
Project Location:	506 Brookside Drive
County/Air Basin:	Contra Costa
Climate Zone:	5
Land Use Setting:	Urban
Operational Year:	2021, 2023, 2025, & 2027
Utility Company:	PG&E
Air Basin:	San Francisco Bay Area
Air District:	BAAQMD

Total Project Site Area: 31.88 acres

Land Use	Land Use Type	Land Use Subtype	Unit Amount	Size Metric	Lot Acreage	Land Use Square Feet
Office	Commercial	General Office	18.529	1000 sqft	0.43	18,529
Warehouse	Industrial	Industrial Park	165.456	1000 sqft	3.80	165,456
Internal Circulation	Parking	Other Asphalt	14.73	acres	14.73	641,537
Hardscape+Landscape	Parking	Other Non-asphalt	3.19	acres	3.19	138,869
Parking Lot	Parking	Parking Lot	9.74	acres	9.74	424,302
					31.88	

Warehouse Portion	165,456	**building square feet**
Office Portion	18,000	**building square feet**
Pump House	529	**building square feet**
Total	183,985	**building square feet**

Surface Parking Lot	424,302	**square feet**
Internal Asphalt Circulation	641,537	
Concrete Areas	0	**square feet**
Landscaping	138,869	**square feet**

Trip Generation

Total Daily Trips

	Weekday[1]	Saturday	Sunday	Fleet Mix
Light Duty	1,074	1,074	1,074	66.46%
Delivery Vans	492	492	492	30.45%
Non-Drayage Heavy-Duty Trucks	50	50	50	3.09%
	1,616	1,616	1,616	100%

Trip Rate per 1,000 sqft

	Weekday	Saturday	Sunday
Light Duty	6.4912	6.4912	6.4912
Delivery Vans	2.9736	2.9736	2.9736
Non-Drayage Heavy-Duty Trucks	0.3022	0.3022	0.3022

	Trips[1]	Type	Average VMT/Trip[1]	Miles/day	
Light Duty	1,074	LDA and MCY	20.53	22,049	8025916.08
Delivery Vans	492	LHD1 and LHD2	20.53	10,101	3676676.64
Non-Drayage Heavy-Duty Trucks	50	HHDT	28.61	1,431	520702
			Total VMT	**33,580**	

[1] *Based on information provided by Kittelson and Associates.*

Industrial Land Use Trip Breakdown:	Lighty Duty/Main	Delivery Vehicles	Non-Drayage	
Weekday Trip Rate	6.491	2.974	0.3022	trips/1000 sqft
Saturday Trip Rate	6.491	2.974	0.3022	trips/1000 sqft
Sunday Trip Rate	6.491	2.974	0.3022	trips/1000 sqft
Non-Res C-C Trip Length	0	0	0	miles/trip
Non-Res C-W Trip Length	20.53	20.53	28.61	miles/trip
Non-Res C-NW Trip Length	0	0	0	miles/trip
Primary Trip %	100%	100%	100%	
Divert Trip %	0%	0%	0%	
Passby Trip %	0%	0%	0%	
Non-Res C-C Trip %	0%	0%	0%	passenger
Non-Res C-W Trip %	100%	100%	100%	MDT
Non-Res C-NW Trip %	0%	0%	0%	HDT

Water Use

Septic Tank	0%
Aerobic	100%
Facultative Lagoons	0%

Warehouse Indoor Water Use:[1]	38,262,625	gallons/year		
Office Indoor Water Use:[1]	3,293,406	gallons/year	Outdoor Water Use:[2]	1,619,771.39 gallons/year

[1] *CalEEMod default*

[2] *California Department of Water Resource Open Space Irrigation worksheet.*

Solid Waste

Warehouse Solid Waste Generation:*	205.17	tons/year
Office Solid Waste Generation:*	17.23	tons/year

**CalEEMod default*

Water Mitigation

Install Low Flow Bathroom Faucet	32	% Reduction in flow
Install Low Flow Kitchen Faucet	18	% Reduction in flow
Install Low Flow Toilet	20	% Reduction in flow
Install Low Flow Shower	20	% Reduction in flow
Use Water Efficiency Irrigation System	6.1	% Reduction in flow

Architectural Coating

Land Use	Land Use Amount	Paintable Surface Area Factor	Total Paintable Surface Area	Interior Area	Exterior Area
Office	18,529	2	37,058	27,794	9,265
Warehouse	165,456	2	330,912	248,184	82,728
			Total Building	**275,978**	**91,993**
Parking Lot	424,302	0.06	25,458	na	25,458

Electricity (Buildings)

Buildings constructed after January 1, 2020 are required to meet the 2019 Building Energy Efficiency Standards, which are result in 10.7 percent and 1 percent more energy efficiency for electricity and natural gas, respectively, for non-residential uses compared to the 2016 Building Energy Efficiency Standards.

	Electricty	Natural Gas
Energy Efficiency Increase Over 2019 Title 24:[1]	10.7%	1.0%

Land Use	Title 25 Electricity	Non-Title 24 Electricity	Lighting Electricity	Title 24 Natural Gas	Non-Title 24 Natural Gas
Industrial Park	4.1	4.8	3.58	18.32	1.01
General Office Building	4.1	4.8	3.58	18.32	1.01

Adjusted Energy Rates

Land Use	Title 25 Electricity	Non-Title 24 Electricity	Lighting Electricity	Title 24 Natural Gas	Non-Title 24 Natural Gas
Industrial Park	3.66	4.80	3.58	18.14	1.01
General Office Building	3.66	4.80	3.58	18.14	1.01

[1] *NORESCO. 2018, June 29. Impact Analysis: 2019 Update to California Energy Efficiency Standards for Residential and Non-Residential Buildings.*

Renewable Energy: Assumes installation of a photovoltaic system that would provide 100 percent of the electricity needs for the facility.

Carbon Intensity Factors

Pacific Gas & Electric Carbon Intensity Factors

PGE CO_2 Intensity Factor[1] 206.29 pounds per megawatt hour

[1] *The Climate Registry CRIS Public Reports: 2018 Emission Rates. https://www.theclimateregistry.org/our-members/cris-public-reports/*

Changes to the CalEEMod Defaults - Year 2021 Main/Passenger Vehicles

Passenger ADT: 1,074

Commercial Default	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	
FleetMix (Model Default)	0.582298	0.039109	0.186022	0.123408	0.017184	0.005083	0.010615	0.023794	0.001605	0.001810	0.005454	0.002746	0.000871	100%
Trips	625	42	200	133	18	5	11	26	2	2	6	3	1	1,074
Percent	59%	39%						2%						100%
Proportion	0.990721	0.100679	0.478879	0.317691	0.044237	0.013085	0.027326	1.000000	0.004132	0.004660	0.009279	0.007069	0.002242	
Assumed Mix	66.46%	30.45%						3.09%						100.00%
adjusted with Assumed	0.658437	0	0	0	0	0	0	0	0	0	0.006167	0	0	66%
	66%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	66%
Modified	**0.990721**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.009279**	**0**	**0**	**100.0%**
Final Check Trips	1,064	0	0	0	0	0	0	0	0	0	10	0	0	1,074
	100%					0%		0.00%						

Changes to the CalEEMod Defaults - Year 2021 Delivery Vehicles

Truck ADT: 492

Commercial Default	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	
FleetMix (Model Default)	0.582298	0.039109	0.186022	0.123408	0.017184	0.005083	0.010615	0.023794	0.001605	0.001810	0.005454	0.002746	0.000871	100%
Trips	1,628	109	520	345	48	14	30	67	4	5	15	8	2	2,796
Percent	59%	39%						2%						100%
Proportion	0.990721	0.100679	0.478879	0.317691	0.044237	0.013085	0.027326	1.000000	0.004132	0.004660	0.009279	0.007069	0.002242	
Assumed Mix	66.46%	30.45%						3.09%						100.00%
adjusted with Assumed	0	0.030652	0.145797	0.096723	0.013468	0.003984	0.008320	0.000000	0.001258	0.001419	0	0.002152	0.000683	30%
Trips	0	15	72	48	7	2	4	0	1	1	0	1	0	150
	0%	3%	15%	10%	1%	0%	1%	0%	0%	0%	0%	0%	0%	30%
Modified	**0.000000**	**0.100679**	**0.478879**	**0.317691**	**0.044237**	**0.013085**	**0.027326**	**0.000000**	**0.004132**	**0.004660**	**0.000000**	**0.007069**	**0.002242**	**100.0%**
Trips Check	0	50	236	156	22	6	13	0	2	2	0	3	1	492
Assumed MDV/HDT Mix	58%					100.00%		0.00%						
MDT truck adjustment (no buses or MH)		0.000000	0.000000	0.000000	0.044237	0.013085	0.000000		0	0	0	0	0	6%
Adjusted MHD Fleet Mix		0.000000	0.000000	0.000000	0.771725	0.228275	0.000000		0	0	0	0	0	100%
Assumed Truck Mix	**0**	**0**	**0**	**0**	**0.7717250**	**0.2282750**	**0**	**0.000000**	**0**	**0**	**0**	**0**	**0**	100%
Trips - Final Check		0	0	0	380	112	0	0	0	0	0	0	0	492

Changes to the CalEEMod Defaults - Year 2021 Heavy Duty Trucks

Commercial Default	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	
FleetMix (Model Default)	0.582298	0.039109	0.186022	0.123408	0.017184	0.005083	0.010615	0.023794	0.001605	0.001810	0.005454	0.002746	0.000871	100%
Percent	59%	39%						2%						100%
Proportion	0.990721	0.100679	0.478879	0.317691	0.044237	0.013085	0.027326	1.000000	0.004132	0.004660	0.009279	0.007069	0.002242	
Assumed Mix	66.46%	30.45%						3.09%						100.00%
adjusted with Assumed	0	0	0	0	0	0	0	0.030941	0	0	0	0	0	3%
Trips	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0%	0%	0%	0%	0%	0%	0%	3%	0%	0%	0%	0%	0%	3%
Modified	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1.000000**	**0**	**0**	**0**	**0**	**0**	**100.0%**

Changes to the CalEEMod Defaults - Year 2023 Main/Passenger Vehicles

Passenger ADT: 1,074

Commercial Default	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	
FleetMix (Model Default)	0.590657	0.037535	0.185105	0.118290	0.015611	0.005013	0.010768	0.024764	0.001635	0.001742	0.005351	0.002726	0.000802	100%
Trips	634	40	199	127	17	5	12	27	2	2	6	3	1	1,074
Percent	60%	38%						2%						100%
Proportion	0.991022	0.098978	0.488111	0.311924	0.041165	0.013219	0.028395	1.000000	0.004311	0.004594	0.008978	0.007188	0.002115	
Assumed Mix	66.46%	30.45%						3.09%						100.00%
adjusted with Assumed	0.658637	0	0	0	0	0	0	0	0	0	0.005967	0	0	66%
	66%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	66%
Modified	**0.991022**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.008978**	**0**	**0**	**100.0%**
Final Check Trips	1,064	0	0	0	0	0	0	0	0	0	10	0	0	1,074

Changes to the CalEEMod Defaults - Year 2023 Delivery Vehicles

Truck ADT: 492

Commercial Default	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	
FleetMix (Model Default)	0.590657	0.037535	0.185105	0.118290	0.015611	0.005013	0.010768	0.024764	0.001635	0.001742	0.005351	0.002726	0.000802	100%
Trips	1,651	105	518	331	44	14	30	69	5	5	15	8	2	2,796
Percent	60%	38%						2%						100%
Proportion	0.991022	0.098978	0.488111	0.311924	0.041165	0.013219	0.028395	1.000000	0.004311	0.004594	0.008978	0.007188	0.002115	
Assumed Mix	66.46%	30.45%						3.09%						100.00%
adjusted with Assumed	0	0.030134	0.148608	0.094967	0.012533	0.004025	0.008645	0.000000	0.001313	0.001399	0	0.002189	0.000644	30%
Trips	0	15	73	47	6	2	4	0	1	1	0	1	0	150
	0%	3%	15%	9%	1%	0%	1%	0%	0%	0%	0%	0%	0%	30%
Modified	**0.000000**	**0.098978**	**0.488111**	**0.311924**	**0.041165**	**0.013219**	**0.028395**	**0.000000**	**0.004311**	**0.004594**	**0.000000**	**0.007188**	**0.002115**	**100.0%**
Trips Check	0	49	240	153	20	7	14	0	2	2	0	4	1	492
Assumed MDV/HDT Mix	59%					100.00%		0.00%						
MDT truck adjustment (no buses or MH)		0	0	0	0.041165	0.013219	0		0	0	0	0	0	5%
Adjusted MHD Fleet Mix		0	0	0	0.756934	0.243066	0		0	0	0	0	0	100%
Assumed Truck Mix	**0**	**0**	**0**	**0**	**0.756934**	**0.243066**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	100%
Trips - Final Check		0	0	0	372	120	0	0	0	0	0	0	0	492

Changes to the CalEEMod Defaults - Year 2023 Heavy Duty Trucks

Commercial Default	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	
FleetMix (Model Default)	0.590657	0.037535	0.185105	0.118290	0.015611	0.005013	0.010768	0.024764	0.001635	0.001742	0.005351	0.002726	0.000802	100%
Percent	60%	38%						2%						100%
Proportion	0.991022	0.098978	0.488111	0.311924	0.041165	0.013219	0.028395	1.000000	0.004311	0.004594	0.008978	0.007188	0.002115	
Assumed Mix	66.46%	30.45%						3.09%						100.00%
adjusted with Assumed	0	0	0	0	0	0	0	0.030941	0	0	0	0	0	3%
Trips	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0%	0%	0%	0%	0%	0%	0%	3%	0%	0%	0%	0%	0%	3%
Modified	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1.000000**	**0**	**0**	**0**	**0**	**0**	**100.0%**

Changes to the CalEEMod Defaults - Year 2025 Main/Passenger Vehicles

Passenger ADT: 1,074

Commercial Default	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	
FleetMix (Model Default)	0.597341	0.036425	0.184736	0.114304	0.014288	0.004933	0.010771	0.025203	0.001643	0.001653	0.005254	0.002704	0.000746	100%
Trips	642	39	198	123	15	5	12	27	2	2	6	3	1	1,074
Percent	60%	37%						3%						100%
Proportion	0.991281	0.097863	0.496331	0.307101	0.038388	0.013254	0.028939	1.000000	0.004414	0.004441	0.008719	0.007265	0.002004	
Assumed Mix	66.46%	30.45%						3.09%						100.00%
adjusted with Assumed	0.658809	0	0	0	0	0	0	0	0	0	0.005795	0	0	66%
	66%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	66%
Modified	**0.991281**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.008719**	**0**	**0**	**100.0%**
Final Check Trips	1,065	0	0	0	0	0	0	0	0	0	9	0	0	1,074

Changes to the CalEEMod Defaults - Year 2025 Delivery Vehicles

Truck ADT: 492

Commercial Default	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	
FleetMix (Model Default)	0.597341	0.036425	0.184736	0.114304	0.014288	0.004933	0.010771	0.025203	0.001643	0.001653	0.005254	0.002704	0.000746	100%
Trips	294	18	91	56	7	2	5	12	1	1	3	1	0	492
Percent	60%	37%						3%						100%
Proportion	0.991281	0.097863	0.496331	0.307101	0.038388	0.013254	0.028939	1.000000	0.004414	0.004441	0.008719	0.007265	0.002004	
Assumed Mix	66.46%	30.45%						3.09%						100.00%
adjusted with Assumed	0	0.029795	0.151111	0.093499	0.011687	0.004035	0.008810	0.000000	0.001344	0.001352	0	0.002212	0.000610	30%
Trips	0	15	74	46	6	2	4	0	1	1	0	1	0	150
	0%	3%	15%	9%	1%	0%	1%	0%	0%	0%	0%	0%	0%	30%
Modified	**0.000000**	**0.097863**	**0.496331**	**0.307101**	**0.038388**	**0.013254**	**0.028939**	**0.000000**	**0.004414**	**0.004441**	**0.000000**	**0.007265**	**0.002004**	**100.0%**
Trips Check	0	48	244	151	19	7	14	0	2	2	0	4	1	492
Assumed MDV/HDT Mix	59%					100.00%		0.00%						
MDT truck adjustment (no buses or MH)		0	0	0	0.038388	0.013254	0		0	0	0	0	0	5%
Adjusted MHD Fleet Mix		0	0	0	0.743354	0.256646	0		0	0	0	0	0	100%
Assumed Truck Mix	**0**	**0**	**0**	**0**	**0.743354**	**0.256646**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	100%
Trips - Final Check		0	0	0	366	126	0	0	0	0	0	0	0	492

Changes to the CalEEMod Defaults - Year 2025 Heavy Duty Trucks

Commercial Default	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	
FleetMix (Model Default)	0.597341	0.036425	0.184736	0.114304	0.014288	0.004933	0.010771	0.025203	0.001643	0.001653	0.005254	0.002704	0.000746	100%
Percent	60%	37%						3%						100%
Proportion	0.991281	0.097863	0.496331	0.307101	0.038388	0.013254	0.028939	1.000000	0.004414	0.004441	0.008719	0.007265	0.002004	
Assumed Mix	66.46%	30.45%						3.09%						100.00%
adjusted with Assumed	0	0	0	0	0	0	0	0.030941	0	0	0	0	0	3%
Trips	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0%	0%	0%	0%	0%	0%	0%	3%	0%	0%	0%	0%	0%	3%
Modified	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1.000000**	**0**	**0**	**0**	**0**	**0**	**100.0%**
Trips Check	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Changes to the CalEEMod Defaults - Year 2027 Main/Passenger Vehicles

Passenger ADT: 1,074

Commercial Default	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	
FleetMix (Model Default)	0.602053	0.035638	0.184509	0.111379	0.013262	0.004884	0.010800	0.025642	0.001653	0.001600	0.005187	0.002687	0.000705	100%
Trips	1,683	100	516	311	37	14	30	72	5	4	15	8	2	2,796
Percent	61%	37%						3%						100%
Proportion	0.991458	0.097075	0.502589	0.303388	0.036125	0.013304	0.029418	1.000000	0.004503	0.004358	0.008542	0.007319	0.001920	
Assumed Mix	66.46%	30.45%						3.09%						100.00%
adjusted with Assumed	0.658927	0	0	0	0	0	0	0	0	0	0.005677	0	0	66%
	66%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	66%
Modified	**0.991458**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.008542**	**0**	**0**	**100.0%**
Final Check Trips	1,065	0	0	0	0	0	0	0	0	0	9	0	0	1,074

Changes to the CalEEMod Defaults - Year 2027 Delivery Vehicles

Truck ADT: 492

Commercial Default	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	
FleetMix (Model Default)	0.602053	0.035638	0.184509	0.111379	0.013262	0.004884	0.010800	0.025642	0.001653	0.001600	0.005187	0.002687	0.000705	100%
Trips	1,683	100	516	311	37	14	30	72	5	4	15	8	2	2,796
Percent	61%	37%						3%						100%
Proportion	0.991458	0.097075	0.502589	0.303388	0.036125	0.013304	0.029418	1.000000	0.004503	0.004358	0.008542	0.007319	0.001920	
Assumed Mix	66.46%	30.45%						3.09%						100.00%
adjusted with Assumed	0	0.029555	0.153016	0.092368	0.010998	0.004050	0.008957	0.000000	0.001371	0.001327	0	0.002228	0.000585	30%
	0%	3%	15%	9%	1%	0%	1%	0%	0%	0%	0%	0%	0%	30%
Modified	**0.000000**	**0.097075**	**0.502589**	**0.303388**	**0.036125**	**0.013304**	**0.029418**	**0.000000**	**0.004503**	**0.004358**	**0.000000**	**0.007319**	**0.001920**	**100.0%**
Trips Check	0	48	247	149	18	7	14	0	2	2	0	4	1	492
Assumed MDV/HDT Mix	60%					100.00%		0.00%						
MDT truck adjustment (no buses or MH)		0	0	0	0.036125	0.013304	0		0	0	0	0	0	5%
Adjusted MHD Fleet Mix		0	0	0	0.730850	0.269150	0		0	0	0	0	0	100%
Assumed Truck Mix	**0**	**0**	**0**	**0**	**0.730850**	**0.269150**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	100%
Trips - Final Check		0	0	0	360	132	0	0	0	0	0	0	0	492

Changes to the CalEEMod Defaults - Year 2027 Heavy Duty Trucks

Commercial Default	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	
FleetMix (Model Default)	0.602053	0.035638	0.184509	0.111379	0.013262	0.004884	0.010800	0.025642	0.001653	0.001600	0.005187	0.002687	0.000705	100%
Percent	61%	37%						3%						100%
Proportion	0.991458	0.097075	0.502589	0.303388	0.036125	0.013304	0.029418	1.000000	0.004503	0.004358	0.008542	0.007319	0.001920	
Assumed Mix	66.46%	30.45%						3.09%						100.00%
adjusted with Assumed	0	0	0	0	0	0	0	0.030941	0	0	0	0	0	3%
Trips	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0%	0%	0%	0%	0%	0%	0%	3%	0%	0%	0%	0%	0%	3%
Modified	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1.000000**	**0**	**0**	**0**	**0**	**0**	**100.0%**

EMFAC2017 Derived CalEEMod Annual Emission Rates: Year 2021[1,2]

Season	Pollutant	LDA	LDT1	LDT2	MDV	LHDT1	LHDT2	MHDT	HHDT	OBUS	UBUS	MCY	SBUS	MH
Annual	CH4_IDLEX	0	0	0	0	0.0051417	0.003164508	0.00368254	0.024744743	0.0092116	0	0	0.0139085	0
Annual	CH4_RUNEX	0.0026792	0.0060357	0.0039311	0.0058601	0.010574	0.00818619	0.011652078	0.052777621	0.0172864	0.128555	0.3434873	0.0031926	0.0056547
Annual	CH4_STREX	0.0596192	0.0859626	0.0784865	0.0994311	0.0166495	0.009096723	0.010577463	4.11238E-07	0.0279143	0.0026423	0.2628496	0.0012051	0
Annual	CO_IDLEX	0	0	0	0	0.1787924	0.134450523	0.402576199	5.595853114	0.4929971	0	0	1.1247029	0
Annual	CO_RUNEX	0.664302	1.225403	0.8820739	1.1646826	0.9648795	0.753024455	0.850451269	0.683681744	1.6919863	0.2251164	21.252418	0.2505853	0.4465905
Annual	CO_STREX	2.3745182	2.6112213	3.0167342	3.6502341	1.0924624	0.620470878	1.325629144	0.005391309	3.1416897	0.2207112	8.9891935	0.1775765	0
Annual	CO2_NBIO_IDLEX	0	0	0	0	9.3151771	14.66728819	87.41513609	1080.923248	68.598922	0	0	311.53528	0
Annual	CO2_NBIO_RUNEX	264.08935	314.35042	342.00747	420.84402	811.80227	789.4190784	1186.453596	1544.993074	1604.6818	1456.133	213.95167	1041.5154	1042.5307
Annual	CO2_NBIO_STREX	55.858999	67.43766	73.518129	90.115527	11.432427	7.531493204	9.939311391	0.045861149	22.968707	3.0820785	62.779161	0.9829619	0
Annual	NOX_IDLEX	0	0	0	0	0.0757254	0.118408175	0.786591339	5.921586735	0.4004359	0	0	2.5661507	0
Annual	NOX_RUNEX	0.044956	0.1117223	0.0840979	0.1263906	1.2768881	1.365466992	3.030109758	4.089974706	1.9297839	1.8886567	1.1750828	3.4528619	4.7976865
Annual	NOX_STREX[3]	0.2138845	0.3012835	0.3298724	0.4280204	0.3373863	0.192347609	1.096937809	1.869772248	0.5595165	0.0415227	0.2723365	1.3618476	0
Annual	PM10_IDLEX	0	0	0	0	0.0009018	0.0014478	0.002380795	0.008672034	0.0016402	0	0	0.0020916	0
Annual	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.06077905	0.13034	0.0689181	0.01176	0.7448002	0.13034
Annual	PM10_PMTW	0.008	0.008	0.008	0.008	0.0098446	0.010812433	0.012000003	0.035432347	0.012	0.0253146	0.004	0.0116518	0.016
Annual	PM10_RUNEX	0.0015427	0.0020658	0.0014779	0.0016836	0.0149592	0.019331477	0.080883793	0.061444811	0.0381382	0.0056301	0.001935	0.0203913	0.1196369
Annual	PM10_STREX	0.0019655	0.0026894	0.0018511	0.0020922	0.0002585	0.000127035	0.000134538	9.48064E-07	0.0001992	1.078E-05	0.0033285	1.296E-05	0
Annual	PM25_IDLEX	0	0	0	0	0.0008628	0.001385169	0.002277803	0.008296886	0.0015693	0	0	0.0020011	0
Annual	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.026048164	0.05586	0.0295363	0.00504	0.3192001	0.05586
Annual	PM25_PMTW	0.002	0.002	0.002	0.002	0.0024611	0.002703108	0.003000001	0.008858087	0.003	0.0063286	0.001	0.0029129	0.004
Annual	PM25_RUNEX	0.0014217	0.0019012	0.0013602	0.0015537	0.0142641	0.018471232	0.077377256	0.058786713	0.0364658	0.0053846	0.0018134	0.0195046	0.1144614
Annual	PM25_STREX	0.0018073	0.002473	0.001702	0.0019254	0.0002377	0.000116804	0.000123703	8.7171E-07	0.0001832	9.908E-06	0.0031434	1.192E-05	0
Annual	ROG_DIURN	0.0478303	0.1101252	0.0635189	0.0778049	0.0020032	0.000970404	0.000495727	3.0339E-06	0.0016549	0.0012126	0.8986038	6.771E-05	0
Annual	ROG_HTSK	0.115013	0.2228222	0.1363324	0.1654323	0.0810233	0.040323209	0.023792609	0.000143165	0.0274698	0.0049174	0.7856706	0.0006733	0
Annual	ROG_IDLEX	0	0	0	0	0.0217852	0.016185609	0.02313938	0.432634651	0.0546365	0	0	0.0781058	0
Annual	ROG_RESTL	0.0457269	0.0953841	0.0656876	0.0825096	0.0011105	0.000546713	0.000269514	1.8535E-06	0.0007939	0.0002872	0.5742587	3.225E-05	0
Annual	ROG_RUNEX	0.0106832	0.0265256	0.0159419	0.0268027	0.1157247	0.127520104	0.205814521	0.139015262	0.1561563	0.0028816	2.3629538	0.0547058	0.1217434
Annual	ROG_RUNLS	0.2369671	0.8004206	0.459059	0.5199388	0.5762231	0.275016951	0.138411177	0.000789077	0.2898851	0.0206018	2.3129175	0.0042797	0
Annual	ROG_STREX	0.2770168	0.4387284	0.3693739	0.5033484	0.0843319	0.045629745	0.058518064	2.15237E-06	0.1480865	0.009839	2.0152233	0.006723	0
Annual	SO2_IDLEX	0	0	0	0	9.022E-05	0.000140101	0.000828839	0.010063892	0.0006552	0	0	0.002949	0
Annual	SO2_RUNEX	0.0026065	0.0031036	0.0033758	0.0041512	0.0079183	0.007615735	0.011318107	0.014178887	0.0156564	0.0138162	0.0021172	0.0098725	0.0098557
Annual	SO2_STREX	0.0005515	0.0006658	0.0007259	0.0008897	0.0001131	7.45302E-05	9.83575E-05	4.53833E-07	0.0002273	3.05E-05	0.0006213	9.727E-06	0
Annual	TOG_DIURN	0.047835	0.1101362	0.0635252	0.0778127	0.0020032	0.000970404	0.000495727	3.0339E-06	0.0016549	0.0012126	0.8986038	6.771E-05	0
Annual	TOG_HTSK	0.1150245	0.2228445	0.1363461	0.1654488	0.0810233	0.040323209	0.023792609	0.000143165	0.0274698	0.0049174	0.7856706	0.0006733	0
Annual	TOG_IDLEX	0	0	0	0	0.0306535	0.021786609	0.030320698	0.4971978	0.0721497	0	0	0.1065102	0
Annual	TOG_RESTL	0.0457315	0.0953937	0.0656942	0.0825178	0.0011105	0.000546713	0.000269514	1.8535E-06	0.0007939	0.0002872	0.5742587	3.225E-05	0
Annual	TOG_RUNEX	0.0155339	0.0386704	0.023228	0.0376681	0.1421807	0.149407214	0.238623271	0.204892573	0.1977923	0.1323622	2.8899162	0.0635717	0.1385968
Annual	TOG_RUNLS	0.2369908	0.8005007	0.4591049	0.5199908	0.5762231	0.275016951	0.138411177	0.000789077	0.2898851	0.0206018	2.3129175	0.0042797	0
Annual	TOG_STREX	0.303357	0.4804455	0.4044978	0.5511554	0.0923328	0.049958827	0.064069915	2.35658E-06	0.162136	0.0107725	2.1921299	0.0073609	0
Summer	CH4_IDLEX	0	0	0	0	0.0051583	0.003173921	0.003461696	0.025774619	0.0092417	0	0	0.0139471	0
Summer	CH4_RUNEX	0.0030861	0.0068702	0.0045069	0.0066251	0.0108613	0.008295324	0.011760782	0.05277935	0.0177746	0.1285679	0.3316724	0.0032241	0.0056547
Summer	CH4_STREX	0.0489039	0.0698594	0.0642779	0.0813261	0.015605	0.008526763	0.009886222	3.8106E-07	0.0259304	0.0023289	0.2151915	0.0009772	0
Summer	CO_IDLEX	0	0	0	0	0.1787924	0.134450523	0.324024221	5.458597188	0.4732376	0	0	1.094576	0

Summer	CO_RUNEX	0.8090239	1.4676677	1.0666996	1.3830729	0.989228	0.762084899	0.862354895	0.684296998	1.7453458	0.2256407	20.400354	0.2538785	0.4465905
Summer	CO_STREX	1.8097841	1.9813849	2.295063	2.7792451	1.0028499	0.570151106	1.207115834	0.004909816	2.8252904	0.1817369	7.7961742	0.1224719	0
Summer	CO2_NBIO_IDLEX	0	0	0	0	9.3151771	14.66728819	89.25349139	1078.781124	69.062232	0	0	315.83193	0
Summer	CO2_NBIO_RUNEX	288.31522	339.40785	366.75545	446.94707	811.84748	789.4356777	1186.474802	1544.994095	1604.7769	1456.134	212.22474	1041.5213	1042.5307
Summer	CO2_NBIO_STREX	54.781947	66.143803	72.131088	88.402811	11.271547	7.441563537	9.737943125	0.045097447	22.430718	3.0163856	59.605381	0.8913283	0
Summer	NOX_IDLEX	0	0	0	0	0.0757254	0.118408175	0.797008123	5.766904808	0.4006542	0	0	2.5834017	0
Summer	NOX_RUNEX	0.0405886	0.099823	0.0755548	0.113442	1.220411	1.311558742	2.910430479	3.942258759	1.8242983	1.8875366	1.026916	3.3175696	4.6184658
Summer	NOX_STREX[3]	0.1881944	0.2651203	0.2902654	0.3766486	0.3123544	0.178079842	1.089654902	1.869725141	0.5371874	0.0382856	0.2473144	1.3609764	0
Summer	PM10_IDLEX	0	0	0	0	0.0009018	0.0014478	0.002010083	0.008058354	0.0013859	0	0	0.0017748	0
Summer	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.06077905	0.13034	0.0689181	0.01176	0.7448002	0.13034
Summer	PM10_PMTW	0.008	0.008	0.008	0.008	0.0098446	0.010812433	0.012000003	0.035432347	0.012	0.0253146	0.004	0.0116518	0.016
Summer	PM10_RUNEX	0.0015427	0.0020658	0.0014779	0.0016836	0.0149592	0.019331477	0.080883793	0.061444811	0.0381382	0.0056301	0.001935	0.0203913	0.1196369
Summer	PM10_STREX	0.0019655	0.0026894	0.0018511	0.0020922	0.0002585	0.000127035	0.000134538	9.48064E-07	0.0001992	1.078E-05	0.0033285	1.296E-05	0
Summer	PM25_IDLEX	0	0	0	0	0.0008628	0.001385169	0.001923127	0.007709753	0.0013259	0	0	0.001698	0
Summer	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.026048164	0.05586	0.0295363	0.00504	0.3192001	0.05586
Summer	PM25_PMTW	0.002	0.002	0.002	0.002	0.0024611	0.002703108	0.003000001	0.008858087	0.003	0.0063286	0.001	0.0029129	0.004
Summer	PM25_RUNEX	0.0014217	0.0019012	0.0013602	0.0015537	0.0142641	0.018471232	0.077377256	0.058786713	0.0364658	0.0053846	0.0018134	0.0195046	0.1144614
Summer	PM25_STREX	0.0018073	0.002473	0.001702	0.0019254	0.0002377	0.000116804	0.000123703	8.7171E-07	0.0001832	9.908E-06	0.0031434	1.192E-05	0
Summer	ROG_DIURN	0.1241206	0.2911763	0.1621072	0.1975825	0.0051763	0.002498077	0.001328196	9.29552E-06	0.0040778	0.0029812	2.6459694	0.0001737	0
Summer	ROG_HTSK	0.1317939	0.2667306	0.1553771	0.1861375	0.0939565	0.047017128	0.02794939	0.000164967	0.0295536	0.0054122	1.1176714	0.0007227	0
Summer	ROG_IDLEX	0	0	0	0	0.0217852	0.016185609	0.022043679	0.450313574	0.0546552	0	0	0.0785302	0
Summer	ROG_RESTL	0.1055214	0.2244172	0.1483685	0.1859638	0.00263	0.001290458	0.000683521	5.593E-06	0.0018377	0.0006369	1.7479376	8.136E-05	0
Summer	ROG_RUNEX	0.0121047	0.0298511	0.0180196	0.0294933	0.1172596	0.128039032	0.206356703	0.139025944	0.1586029	0.0029192	2.2560189	0.0548609	0.1217434
Summer	ROG_RUNLS	0.2253907	0.7497624	0.4315627	0.4905143	0.5621626	0.268115734	0.135210228	0.000792741	0.2837363	0.0195945	2.1935744	0.0036599	0
Summer	ROG_STREX	0.2234248	0.3514205	0.2977147	0.4053452	0.0787198	0.042600152	0.054491443	2.00427E-06	0.1372206	0.0086725	1.6289831	0.0054454	0
Summer	SO2_IDLEX	0	0	0	0	9.022E-05	0.000140101	0.00084636	0.010044437	0.0006596	0	0	0.0029896	0
Summer	SO2_RUNEX	0.0028456	0.003351	0.0036202	0.0044089	0.0079187	0.0076159	0.011318316	0.014178897	0.0156574	0.0138162	0.0021001	0.0098726	0.0098557
Summer	SO2_STREX	0.0005409	0.000653	0.0007122	0.0008728	0.0001115	7.36403E-05	9.63648E-05	4.46276E-07	0.000222	2.985E-05	0.0005898	8.82E-06	0
Summer	TOG_DIURN	0.124133	0.2912054	0.1621234	0.1976023	0.0051763	0.002498077	0.001328196	9.29552E-06	0.0040778	0.0029812	2.6459694	0.0001737	0
Summer	TOG_HTSK	0.1318071	0.2667573	0.1553927	0.1861561	0.0939565	0.047017128	0.02794939	0.000164967	0.0295536	0.0054122	1.1176714	0.0007227	0
Summer	TOG_IDLEX	0	0	0	0	0.0306535	0.021786609	0.028790304	0.517533497	0.072171	0	0	0.1069933	0
Summer	TOG_RESTL	0.1055319	0.2244396	0.1483833	0.1859824	0.00263	0.001290458	0.000683521	5.593E-06	0.0018377	0.0006369	1.7479376	8.136E-05	0
Summer	TOG_RUNEX	0.0176079	0.0435222	0.0262597	0.0416953	0.1444204	0.150164432	0.239414421	0.20490816	0.2013623	0.132417	2.7634395	0.0637979	0.1385968
Summer	TOG_RUNLS	0.2254133	0.7498374	0.4316058	0.4905634	0.5621626	0.268115734	0.135210228	0.000792741	0.2837363	0.0195945	2.1935744	0.0036599	0
Summer	TOG_STREX	0.2446695	0.3848361	0.3260247	0.4438453	0.0861883	0.046641804	0.059661271	2.19442E-06	0.1502392	0.0094952	1.7720972	0.005962	0

Winter	CH4_IDLEX	0	0	0	0	0.0051279	0.003156644	0.00390677	0.018954665	0.0091893	0	0	0.0138682	0
Winter	CH4_RUNEX	0.0025676	0.0058157	0.0037723	0.0056926	0.010347	0.008098141	0.011566463	0.006409343	0.0169048	0.1285448	0.3578863	0.0031686	0.0056547
Winter	CH4_STREX	0.067321	0.0976026	0.0886989	0.112491	0.0175369	0.009580512	0.011168405	4.37373E-07	0.0294263	0.0028763	0.3089646	0.0013689	0
Winter	CO_IDLEX	0	0	0	0	0.1787924	0.134450523	0.489134602	5.700826041	0.520284	0	0	1.1663066	0
Winter	CO_RUNEX	0.6519121	1.2075704	0.8668015	1.1611236	0.9461058	0.745991544	0.841378951	0.532535368	1.6512213	0.2247225	23.282577	0.2481219	0.4465905
Winter	CO_STREX	2.8343531	3.1242315	3.6014621	4.3599507	1.1777346	0.668154608	1.4383852	0.005848305	3.3994105	0.2532362	10.41474	0.2218588	0
Winter	CO2_NBIO_IDLEX	0	0	0	0	9.3151771	14.66728819	85.00651012	1068.08726	67.959113	0	0	305.6018	0
Winter	CO2_NBIO_RUNEX	260.78238	310.9417	338.63284	417.31096	811.76736	789.4061408	1186.437399	1500.762745	1604.609	1456.1322	217.62057	1041.511	1042.5307
Winter	CO2_NBIO_STREX	56.724167	68.473885	74.626955	91.490678	11.583704	7.615767277	10.12971645	0.046585952	23.405059	3.1365484	66.312827	1.05624	0
Winter	NOX_IDLEX	0	0	0	0	0.0757254	0.118408175	0.772223897	6.053199827	0.4001343	0	0	2.5423279	0
Winter	NOX_RUNEX	0.0495499	0.1234946	0.0928772	0.1394346	1.3039469	1.389581558	3.08128433	4.136652037	1.9844918	1.8893388	1.2675405	3.5094749	4.8710137
Winter	NOX_STREX[3]	0.2353163	0.331299	0.3628803	0.4708068	0.3601129	0.205312113	1.103523969	1.869814849	0.5796734	0.0442644	0.2934819	1.3625161	0
Winter	PM10_IDLEX	0	0	0	0	0.0009018	0.0014478	0.002892731	0.009426681	0.0019915	0	0	0.0025291	0
Winter	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.059923585	0.13034	0.0689181	0.01176	0.7448002	0.13034
Winter	PM10_PMTW	0.008	0.008	0.008	0.008	0.0098446	0.010812433	0.012000003	0.034933533	0.012	0.0253146	0.004	0.0116518	0.016
Winter	PM10_RUNEX	0.0015427	0.0020658	0.0014779	0.0016836	0.0149592	0.019331477	0.080883793	0.06138532	0.0381382	0.0056301	0.001935	0.0203913	0.1196369
Winter	PM10_STREX	0.0019655	0.0026894	0.0018511	0.0020922	0.0002585	0.000127035	0.000134538	9.48064E-07	0.0001992	1.078E-05	0.0033285	1.296E-05	0
Winter	PM25_IDLEX	0	0	0	0	0.0008628	0.001385169	0.002767593	0.009018887	0.0019054	0	0	0.0024197	0
Winter	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.025681536	0.05586	0.0295363	0.00504	0.3192001	0.05586
Winter	PM25_PMTW	0.002	0.002	0.002	0.002	0.0024611	0.002703108	0.003000001	0.008733383	0.003	0.0063286	0.001	0.0029129	0.004
Winter	PM25_RUNEX	0.0014217	0.0019012	0.0013602	0.0015537	0.0142641	0.018471232	0.077377256	0.058729796	0.0364658	0.0053846	0.0018134	0.0195046	0.1144614
Winter	PM25_STREX	0.0018073	0.002473	0.001702	0.0019254	0.0002377	0.000116804	0.000123703	8.7171E-07	0.0001832	9.908E-06	0.0031434	1.192E-05	0
Winter	ROG_DIURN	0.0164001	0.034695	0.0234636	0.029258	0.0006714	0.000335775	0.000153708	8.05844E-07	0.0006975	0.0005258	0.1760173	2.655E-05	0
Winter	ROG_HTSK	0.1187847	0.2349305	0.1404338	0.1699786	0.0889923	0.043625723	0.025035098	0.000163145	0.028019	0.0050028	0.9050457	0.0006859	0
Winter	ROG_IDLEX	0	0	0	0	0.0217852	0.016185609	0.024316372	0.40808873	0.0546106	0	0	0.0775197	0
Winter	ROG_RESTL	0.02007	0.0414181	0.0293025	0.036697	0.0004773	0.000240287	0.000107841	5.59054E-07	0.0003727	0.0001351	0.1765399	1.416E-05	0
Winter	ROG_RUNEX	0.0103757	0.0258615	0.0154889	0.026638	0.1145307	0.127105029	0.205393277	0.137323232	0.154246	0.0028518	2.4903759	0.0545871	0.1217434
Winter	ROG_RUNLS	0.2773497	0.9850197	0.5568834	0.6261446	0.6395485	0.306453914	0.156114503	0.000850105	0.3162166	0.0237017	2.7249781	0.0055026	0
Winter	ROG_STREX	0.3171402	0.5045989	0.4229729	0.577134	0.0891328	0.048219222	0.061997242	2.28034E-06	0.156382	0.0107075	2.3989004	0.0076428	0
Winter	SO2_IDLEX	0	0	0	0	9.022E-05	0.000140101	0.00080593	0.010090759	0.0006492	0	0	0.002893	0
Winter	SO2_RUNEX	0.0025738	0.0030699	0.0033425	0.0041163	0.0079179	0.007615607	0.011317946	0.014178879	0.0156557	0.0138161	0.0021535	0.0098725	0.0098557
Winter	SO2_STREX	0.00056	0.000676	0.0007368	0.0009033	0.0001146	7.53642E-05	0.000100242	4.61006E-07	0.0002316	3.104E-05	0.0006562	1.045E-05	0
Winter	TOG_DIURN	0.0164018	0.0346985	0.0234659	0.0292609	0.0006714	0.000335775	0.000153708	8.05844E-07	0.0006975	0.0005258	0.1760173	2.655E-05	0
Winter	TOG_HTSK	0.1187966	0.234954	0.1404478	0.1699956	0.0889923	0.043625723	0.025035098	0.000163145	0.028019	0.0050028	0.9050457	0.0006859	0
Winter	TOG_IDLEX	0	0	0	0	0.0306535	0.021786609	0.031943636	0.464577955	0.0721203	0	0	0.1058429	0
Winter	TOG_RESTL	0.020072	0.0414222	0.0293054	0.0367007	0.0004773	0.000240287	0.000107841	5.59054E-07	0.0003727	0.0001351	0.1765399	1.416E-05	0
Winter	TOG_RUNEX	0.0150846	0.037699	0.022566	0.0372825	0.1404383	0.148801537	0.238008593	0.156396118	0.1950048	0.1323187	3.0414954	0.0633985	0.1385968
Winter	TOG_RUNLS	0.2773774	0.9851182	0.5569391	0.6262072	0.6395485	0.306453914	0.156114503	0.000850105	0.3162166	0.0237017	2.7249781	0.0055026	0
Winter	TOG_STREX	0.3472953	0.552579	0.4631934	0.6319446	0.0975892	0.052793979	0.067879177	2.49669E-06	0.1712186	0.0117234	2.6093389	0.0083679	0

1 Source: California Air Resources Board. EMFAC2017 Web Database. https://www.arb.ca.gov/emfac/2017/; California Air Pollution Control Officers Association (CAPCOA). 2017, November. California Emissions Estimator Model User's Guide, Version 2016.3.2, Appendix A.

2 Unless otherwise noted, per CalEEMod methodology, the calculated CalEEMod emission rates are derived from the emission rates obtained using the EMFAC2017 Web Database for the Contra Costa (SF) region .

3 Because EMFAC2017 provides vehicle trips data for MHDT and HHDT diesel trucks, the formula provided in Appendix A of the CalEEMod User's Guide in calculating the NO_X STREX emission rates are utilized.

Off-Model SAFE Rule Adjustment Factors for Gasoline Light Duty Vehicle (LDA, LDT1, LDT2, MDV) Emissions in EMFAC2017

Year	NOx Exh	TOG Evap	TOG Exh	PM Exh	CO Exh	CO2 Exh
2021	1.0002	1.0001	1.0002	1.0009	1.0005	1.0023
2022	1.0004	1.0003	1.0004	1.0018	1.0014	1.0065
2023	1.0007	1.0006	1.0007	1.0032	1.0027	1.0126
2024	1.0012	1.001	1.0011	1.0051	1.0044	1.0207
2025	1.0018	1.0016	1.0016	1.0074	1.0065	1.0309
2026	1.0023	1.0022	1.002	1.0091	1.0083	1.0394
2027	1.0028	1.0028	1.0024	1.0105	1.0102	1.0475
2028	1.0034	1.0035	1.0028	1.0117	1.012	1.0554
2029	1.004	1.0042	1.0032	1.0129	1.0138	1.0629
2030	1.0047	1.0051	1.0037	1.0142	1.0156	1.0702
2031	1.0054	1.0061	1.0042	1.0155	1.0173	1.077
2032	1.0061	1.0072	1.0047	1.0169	1.0189	1.0834
2033	1.0068	1.0083	1.0052	1.0182	1.0204	1.0893
2034	1.0075	1.0095	1.0058	1.0196	1.0218	1.0947
2035	1.0081	1.0108	1.0063	1.021	1.0232	1.0997
2036	1.0088	1.0121	1.0069	1.0223	1.0244	1.1041
2037	1.0094	1.0134	1.0074	1.0236	1.0255	1.108
2038	1.0099	1.0148	1.0079	1.0248	1.0265	1.1114
2039	1.0104	1.0161	1.0085	1.0259	1.0274	1.1143
2040	1.0109	1.0174	1.009	1.027	1.0281	1.1168
2041	1.0113	1.0186	1.0095	1.0279	1.0288	1.1189
2042	1.0116	1.0198	1.0099	1.0286	1.0294	1.1207
2043	1.0119	1.0207	1.0103	1.0293	1.0299	1.1221
2044	1.0122	1.0216	1.0106	1.0299	1.0303	1.1233
2045	1.0124	1.0225	1.0109	1.0303	1.0306	1.1243
2046	1.0125	1.0233	1.0111	1.0308	1.0309	1.1251
2047	1.0127	1.024	1.0113	1.0311	1.0311	1.1258
2048	1.0128	1.0246	1.0115	1.0314	1.0313	1.1263
2049	1.0128	1.0252	1.0116	1.0316	1.0315	1.1268
2050	1.0129	1.0257	1.0117	1.0318	1.0316	1.1272

Sources: California Air Resources Board. 2019, November 20. EMFAC Off-Model Adjustment Factors to Account for the SAFE Vehicles Rule Part One and the Final Safe Rule. hhttps://ww3.arb.ca.gov/msei/emfac_off_model_adjustment_factors_final_draft.pdf; California Air Resources Board. 2020, June 26. EMFAC Off-Model Adjustment Factors for Carbon Dioxide (CO2) Emissions to Account for the SAFE Vehicles Rule Part One and the Final Safe Rule. https://ww3.arb.ca.gov/msei/emfac_off_model_co2_adjustment_factors_06262020-final.pdf.

LDA CalEEMod Emission Rate Worksheet

Vehicle Class: LDA

Pollutant	CARB SAFE Rule Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	LDA Gas	LDA DSL	LDA Elec	LDA Gas	LDA DSL	LDA Elec	LDA Gas	LDA DSL	LDA Elec	
CH4_IDLEX		0	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0**
CH4_RUNEX		0.002754273	0.000732642	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.002679182**
CH4_STREX		0.061459076	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.059619219**
CO_IDLEX	1.0005	0	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0**
CO_RUNEX	1.0005	0.682507472	0.22038035	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.664301956**
CO_STREX	1.0005	2.44779615	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**2.374518175**
CO2_NBIO_IDLEX	1.0023	0	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0**
CO2_NBIO_RUNEX	1.0023	269.9905532	212.768076	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**264.0893516**
CO2_NBIO_STREX	1.0023	57.58281569	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**55.8589989**
NOX_IDLEX	1.0002	0	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0**
NOX_RUNEX	1.0002	0.045320573	0.096160603	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.044955996**
NOX_STREX	1.0002	0.220485028	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.213884521**
PM10_IDLEX	1.0009	0	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.008000002**
PM10_RUNEX	1.0009	0.001501187	0.008363638	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.001542741**
PM10_STREX	1.0009	0.002026149	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.001965494**
PM25_IDLEX	1.0009	0	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.002000001**
PM25_RUNEX	1.0009	0.001380303	0.00800183	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.001421739**
PM25_STREX	1.0009	0.001863083	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.001807309**
ROG_DIURN		0.230684567	0	0.016340367	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.047830253**
ROG_HTSK		0.118462454	0	0.004888026	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.115013025**
ROG_IDLEX		0	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0**
ROG_RESTL		0.220744588	0	0.0050371	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.045726921**
ROG_RUNEX		0.010845407	0.015773346	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.010683199**
ROG_RUNLS		0.244279897	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.23696706**
ROG_STREX		0.285565569	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.277016791**
SO2_IDLEX		0	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0**
SO2_RUNEX		0.002665644	0.002011423	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.002606457**
SO2_STREX		0.000568521	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.000551502**
TOG_DIURN	1.0001	0.230707636	0	0.016340367	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.04783503**
TOG_HTSK	1.0001	0.1184743	0	0.004888026	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.115024516**
TOG_IDLEX	1.0002	0	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0**
TOG_RESTL	1.0001	0.220766662	0	0.0050371	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.045731491**
TOG_RUNEX	1.0002	0.015822893	0.017956906	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.015533883**
TOG_RUNLS	1.0001	0.244304325	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.236990756**
TOG_STREX	1.0002	0.31271868	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.303357038**
CH4_IDLEX		0	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0**
CH4_RUNEX		0.003173786	0.000732642	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.003086101**
CH4_STREX		0.050413048	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.048903868**
CO_IDLEX	1.0005	0	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0**
CO_RUNEX	1.0005	0.831708194	0.22038035	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.809023893**
CO_STREX	1.0005	1.865634296	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**1.809784098**
CO2_NBIO_IDLEX	1.0023	0	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0**
CO2_NBIO_RUNEX	1.0023	294.9661539	212.768076	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**288.3152216**
CO2_NBIO_STREX	1.0023	56.47252615	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**54.78194733**
NOX_IDLEX	1.0002	0	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0**
NOX_RUNEX	1.0002	0.04085716	0.09249476	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.040588603**
NOX_STREX	1.0002	0.194002145	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.188194437**
PM10_IDLEX	1.0009	0	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.008000002**
PM10_RUNEX	1.0009	0.001501187	0.008363638	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.001542741**
PM10_STREX	1.0009	0.002026149	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.001965494**
PM25_IDLEX	1.0009	0	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.002000001**
PM25_RUNEX	1.0009	0.001380303	0.00800183	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.001421739**
PM25_STREX	1.0009	0.001863083	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.001807309**
ROG_DIURN		0.598387722	0	0.055052995	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.124120646**
ROG_HTSK		0.135761177	0	0.004888026	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.131793888**
ROG_IDLEX		0	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0**
ROG_RESTL		0.509117652	0	0.026225054	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.105521379**
ROG_RUNEX		0.012310855	0.015773346	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.012104657**
ROG_RUNLS		0.232346329	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.225390738**
ROG_STREX		0.230319717	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.223424795**
SO2_IDLEX		0	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0**
SO2_RUNEX		0.002912231	0.002011423	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.002845641**
SO2_STREX		0.000557559	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.000540868**
TOG_DIURN	1.0001	0.598447561	0	0.055052995	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.124133036**
TOG_HTSK	1.0001	0.135774753	0	0.004888026	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.131807058**
TOG_IDLEX	1.0002	0	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0**
TOG_RESTL	1.0001	0.509168564	0	0.026225054	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.105531921**
TOG_RUNEX	1.0002	0.017961089	0.017956906	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.017607893**
TOG_RUNLS	1.0001	0.232369564	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.225413277**
TOG_STREX	1.0002	0.252220016	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.244669481**

CH4_IDLEX		0	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0**
CH4_RUNEX		0.002639235	0.000732642	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.002567597**
CH4_STREX		0.069398533	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.067320997**
CO_IDLEX	1.0005	0	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0**
CO_RUNEX	1.0005	0.669734206	0.22038035	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.651912125**
CO_STREX	1.0005	2.921821647	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**2.834353101**
CO2_NBIO_IDLEX	1.0023	0	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0**
CO2_NBIO_RUNEX	1.0023	266.5812419	212.768076	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**260.7823828**
CO2_NBIO_STREX	1.0023	58.47468261	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**56.72416663**
NOX_IDLEX	1.0002	0	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0**
NOX_RUNEX	1.0002	0.050041571	0.097567991	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.049549853**
NOX_STREX	1.0002	0.242578171	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.235316277**
PM10_IDLEX	1.0009	0	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.008000002**
PM10_RUNEX	1.0009	0.001501187	0.008363638	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.001542741**
PM10_STREX	1.0009	0.002026149	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.001965494**
PM25_IDLEX	1.0009	0	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.002000001**
PM25_RUNEX	1.0009	0.001380303	0.00800183	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.001421739**
PM25_STREX	1.0009	0.001863083	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.001807309**
ROG_DIURN		0.07919167	0	0.000728453	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.016400128**
ROG_HTSK		0.122350553	0	0.004888026	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.118784729**
ROG_IDLEX		0	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0**
ROG_RESTL		0.096928142	0	8.57726E-05	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.020070025**
ROG_RUNEX		0.010528396	0.015773346	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.010375705**
ROG_RUNLS		0.285908742	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.27734969**
ROG_STREX		0.326927238	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.317140244**
SO2_IDLEX		0	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0**
SO2_RUNEX		0.002631984	0.002011423	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.002573807**
SO2_STREX		0.000577327	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.000560044**
TOG_DIURN	1.0001	0.07919959	0	0.000728453	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.016401767**
TOG_HTSK	1.0001	0.122362788	0	0.004888026	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.118796597**
TOG_IDLEX	1.0002	0	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0**
TOG_RESTL	1.0001	0.096937835	0	8.57726E-05	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.020072032**
TOG_RUNEX	1.0002	0.015359687	0.017956906	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.015084581**
TOG_RUNLS	1.0001	0.285937333	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.277377425**
TOG_STREX	1.0002	0.35801291	0	0	398035.7588	4153.121389	7684.966922	14954127.48	159664.2225	303129.0295	1864797.776	19439.8103	38108.11874	**0.347295321**

LDT1 CalEEMod Emission Rate Worksheet

Vehicle Class: LDT1

Pollutant	CARB SAFE Rule Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	LDT1 Gas	LDT1 DSL	LDT1 Elec	LDT1 Gas	LDT1 DSL	LDT1 Elec	LDT1 Gas	LDT1 DSL	LDT1 Elec	
CH4_IDLEX		0	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0**
CH4_RUNEX		0.006064841	0.009325918	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.006035664**
CH4_STREX		0.086429795	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.085962597**
CO_IDLEX	1.0005	0	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0**
CO_RUNEX	1.0005	1.231499261	1.338324899	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**1.225403**
CO_STREX	1.0005	2.625412978	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**2.611221274**
CO2_NBIO_IDLEX	1.0023	0	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0**
CO2_NBIO_RUNEX	1.0023	315.8860806	434.0689927	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**314.3504154**
CO2_NBIO_STREX	1.0023	67.80417649	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**67.43766012**
NOX_IDLEX	1.0002	0	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0**
NOX_RUNEX	1.0002	0.111930594	1.240481415	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.111722309**
NOX_STREX	1.0002	0.302920979	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.301283536**
PM10_IDLEX	1.0009	0	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.008000002**
PM10_RUNEX	1.0009	0.002030432	0.149054566	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.002065768**
PM10_STREX	1.0009	0.002703969	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.002689352**
PM25_IDLEX	1.0009	0	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.002000001**
PM25_RUNEX	1.0009	0.001867004	0.142606532	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.001901211**
PM25_STREX	1.0009	0.002486417	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.002472976**
ROG_DIURN		0.504866641	0	0.016340367	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.110125179**
ROG_HTSK		0.224009088	0	0.004888026	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.222822241**
ROG_IDLEX		0	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0**
ROG_RESTL		0.437327714	0	0.0050371	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.095384126**
ROG_RUNEX		0.026604178	0.200781521	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.0265256**
ROG_RUNLS		0.80477084	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.80042064**
ROG_STREX		0.441112795	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.438728354**
SO2_IDLEX		0	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0**
SO2_RUNEX		0.003118776	0.004103513	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.003103558**
SO2_STREX		0.000669438	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.000665819**
TOG_DIURN	1.0001	0.504917128	0	0.016340367	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.11013619**
TOG_HTSK	1.0001	0.224031488	0	0.004888026	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.222844521**
TOG_IDLEX	1.0002	0	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0**
TOG_RESTL	1.0001	0.437371447	0	0.0050371	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.095393664**
TOG_RUNEX	1.0002	0.038804919	0.228576412	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.038670437**
TOG_RUNLS	1.0001	0.804851317	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.800500682**
TOG_STREX	1.0002	0.483056638	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.480445469**
CH4_IDLEX		0	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0**
CH4_RUNEX		0.006903843	0.009325918	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.006870231**
CH4_STREX		0.070239055	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.069859376**
CO_IDLEX	1.0005	0	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0**
CO_RUNEX	1.0005	1.475051367	1.338324899	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**1.467667651**
CO_STREX	1.0005	1.992153509	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**1.981384897**
CO2_NBIO_IDLEX	1.0023	0	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0**
CO2_NBIO_RUNEX	1.0023	341.0766806	434.0689927	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**339.4078539**
CO2_NBIO_STREX	1.0023	66.50328748	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**66.14380308**
NOX_IDLEX	1.0002	0	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0**
NOX_RUNEX	1.0002	0.099982699	1.193229956	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.099822969**
NOX_STREX	1.0002	0.266561179	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.265120279**
PM10_IDLEX	1.0009	0	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.008000002**
PM10_RUNEX	1.0009	0.002030432	0.149054566	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.002065768**
PM10_STREX	1.0009	0.002703969	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.002689352**
PM25_IDLEX	1.0009	0	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.002000001**
PM25_RUNEX	1.0009	0.001867004	0.142606532	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.001901211**
PM25_STREX	1.0009	0.002486417	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.002472976**
ROG_DIURN		1.33483841	0	0.055052995	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.291176311**
ROG_HTSK		0.268156132	0	0.004888026	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.266730649**
ROG_IDLEX		0	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0**
ROG_RESTL		1.028867818	0	0.026225054	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.22441716**
ROG_RUNEX		0.02994736	0.200781521	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.02985111**
ROG_RUNLS		0.753837273	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.749762396**
ROG_STREX		0.353330391	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.351420459**
SO2_IDLEX		0	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0**
SO2_RUNEX		0.003367485	0.004103513	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.003350952**
SO2_STREX		0.000656594	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.000653045**
TOG_DIURN	1.0001	1.334971893	0	0.055052995	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.291205423**
TOG_HTSK	1.0001	0.268182948	0	0.004888026	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.266757319**
TOG_IDLEX	1.0002	0	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0**
TOG_RESTL	1.0001	1.028970705	0	0.026225054	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.2244396**
TOG_RUNEX	1.0002	0.043682469	0.228576412	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.043522203**
TOG_RUNLS	1.0001	0.753912657	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.749837372**
TOG_STREX	1.0002	0.386927659	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.384836117**

CH4_IDLEX		0	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0**
CH4_RUNEX		0.005843687	0.009325918	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.005815679**
CH4_STREX		0.098133022	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.097602563**
CO_IDLEX	1.0005	0	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0**
CO_RUNEX	1.0005	1.213571917	1.338324899	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**1.207570423**
CO_STREX	1.0005	3.141211333	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**3.124231474**
CO2_NBIO_IDLEX	1.0023	0	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0**
CO2_NBIO_RUNEX	1.0023	312.4592485	434.0689927	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**310.941698**
CO2_NBIO_STREX	1.0023	68.84603324	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**68.4738851**
NOX_IDLEX	1.0002	0	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0**
NOX_RUNEX	1.0002	0.123759802	1.258591927	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.123494584**
NOX_STREX	1.0002	0.333099583	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.331299009**
PM10_IDLEX	1.0009	0	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.008000002**
PM10_RUNEX	1.0009	0.002030432	0.149054566	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.002065768**
PM10_STREX	1.0009	0.002703969	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.002689352**
PM25_IDLEX	1.0009	0	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.002000001**
PM25_RUNEX	1.0009	0.001867004	0.142606532	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.001901211**
PM25_STREX	1.0009	0.002486417	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.002472976**
ROG_DIURN		0.159078382	0	0.000728453	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.034694983**
ROG_HTSK		0.236183177	0	0.004888026	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.234930524**
ROG_IDLEX		0	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0**
ROG_RESTL		0.189907762	0	8.57726E-05	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.041418097**
ROG_RUNEX		0.025936586	0.200781521	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.025861537**
ROG_RUNLS		0.990373171	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.985019696**
ROG_STREX		0.507341373	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.504598933**
SO2_IDLEX		0	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0**
SO2_RUNEX		0.003084942	0.004103513	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.003069903**
SO2_STREX		0.000679724	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.00067605**
TOG_DIURN	1.0001	0.159094289	0	0.000728453	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.034698452**
TOG_HTSK	1.0001	0.236206796	0	0.004888026	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.234954014**
TOG_IDLEX	1.0002	0	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0**
TOG_RESTL	1.0001	0.189926753	0	8.57726E-05	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.041422239**
TOG_RUNEX	1.0002	0.037828287	0.228576412	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.037698967**
TOG_RUNLS	1.0001	0.990472208	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.985118198**
TOG_STREX	1.0002	0.55558221	0	0	41861.74667	27.96022764	188.8745996	1533931.472	476.6147462	7675.08075	190904.803	93.64237192	943.9045482	**0.552579007**

LDT2 CalEEMod Emission Rate Worksheet

Vehicle Class: LDT2

Pollutant	CARB SAFE Rule Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	LDT2 Gas	LDT2 DSL	LDT2 Elec	LDT2 Gas	LDT2 DSL	LDT2 Elec	LDT2 Gas	LDT2 DSL	LDT2 Elec	
CH4_IDLEX		0	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0**
CH4_RUNEX		0.003976975	0.000639242	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.003931055**
CH4_STREX		0.079545653	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.078486502**
CO_IDLEX	1.0005	0	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0**
CO_RUNEX	1.0005	0.892535106	0.121336608	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.882073886**
CO_STREX	1.0005	3.057444063	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**3.016734163**
CO2_NBIO_IDLEX	1.0023	0	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0**
CO2_NBIO_RUNEX	1.0023	344.3235994	291.5479624	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**342.007468**
CO2_NBIO_STREX	1.0023	74.51023392	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**73.51812934**
NOX_IDLEX	1.0002	0	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0**
NOX_RUNEX	1.0002	0.084894394	0.039798146	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.084097908**
NOX_STREX	1.0002	0.334323952	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.329872425**
PM10_IDLEX	1.0009	0	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.008000002**
PM10_RUNEX	1.0009	0.001462143	0.004879899	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.001477897**
PM10_STREX	1.0009	0.00187603	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.001851051**
PM25_IDLEX	1.0009	0	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.002000001**
PM25_RUNEX	1.0009	0.001344415	0.004668797	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.001360177**
PM25_STREX	1.0009	0.001725005	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.001702037**
ROG_DIURN		0.299055646	0	0.016340367	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.063518867**
ROG_HTSK		0.138137678	0	0.004888026	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.136332427**
ROG_IDLEX		0	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0**
ROG_RESTL		0.309343554	0	0.0050371	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.065687642**
ROG_RUNEX		0.016048669	0.013762499	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.015941936**
ROG_RUNLS		0.465253888	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.459059027**
ROG_STREX		0.374358507	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.369373919**
SO2_IDLEX		0	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0**
SO2_RUNEX		0.003399542	0.002756177	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.003375815**
SO2_STREX		0.000735647	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.000725852**
TOG_DIURN	1.0001	0.299085551	0	0.016340367	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.063525217**
TOG_HTSK	1.0001	0.138151492	0	0.004888026	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.136346057**
TOG_IDLEX	1.0002	0	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0**
TOG_RESTL	1.0001	0.309374489	0	0.0050371	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.06569421**
TOG_RUNEX	1.0002	0.023414714	0.015667691	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.023227995**
TOG_RUNLS	1.0001	0.465300413	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.459104933**
TOG_STREX	1.0002	0.409956393	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.404497819**
CH4_IDLEX		0	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0**
CH4_RUNEX		0.004560254	0.000639242	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.00450694**
CH4_STREX		0.065145303	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.064277893**
CO_IDLEX	1.0005	0	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0**
CO_RUNEX	1.0005	1.079531159	0.121336608	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**1.066699578**
CO_STREX	1.0005	2.326034146	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**2.295062976**
CO2_NBIO_IDLEX	1.0023	0	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0**
CO2_NBIO_RUNEX	1.0023	369.3893172	291.5479624	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**366.7554528**
CO2_NBIO_STREX	1.0023	73.10447537	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**72.13108849**
NOX_IDLEX	1.0002	0	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0**
NOX_RUNEX	1.0002	0.076252381	0.038278792	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.075554766**
NOX_STREX	1.0002	0.29418241	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.290265368**
PM10_IDLEX	1.0009	0	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.008000002**
PM10_RUNEX	1.0009	0.001462143	0.004879899	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.001477897**
PM10_STREX	1.0009	0.00187603	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.001851051**
PM25_IDLEX	1.0009	0	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.002000001**
PM25_RUNEX	1.0009	0.001344415	0.004668797	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.001360177**
PM25_STREX	1.0009	0.001725005	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.001702037**
ROG_DIURN		0.763136345	0	0.055052995	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.162107163**
ROG_HTSK		0.157439403	0	0.004888026	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.155377149**
ROG_IDLEX		0	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0**
ROG_RESTL		0.698617042	0	0.026225054	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.148368499**
ROG_RUNEX		0.018153012	0.013762499	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.018019605**
ROG_RUNLS		0.437386474	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.431562668**
ROG_STREX		0.301732307	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.297714738**
SO2_IDLEX		0	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0**
SO2_RUNEX		0.003647019	0.002756177	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.003620155**
SO2_STREX		0.000721768	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.000712158**
TOG_DIURN	1.0001	0.763212659	0	0.055052995	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.162123366**
TOG_HTSK	1.0001	0.157455147	0	0.004888026	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.155392684**
TOG_IDLEX	1.0002	0	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0**
TOG_RESTL	1.0001	0.698686903	0	0.026225054	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.148383333**
TOG_RUNEX	1.0002	0.02648537	0.015667691	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.026259728**
TOG_RUNLS	1.0001	0.437430213	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.431605825**
TOG_STREX	1.0002	0.330424266	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.326024663**

CH4_IDLEX		0	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0**
CH4_RUNEX		0.003816146	0.000639242	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.003772264**
CH4_STREX		0.08989582	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.088698856**
CO_IDLEX	1.0005	0	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0**
CO_RUNEX	1.0005	0.877066635	0.121336608	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.866801493**
CO_STREX	1.0005	3.650062699	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**3.601462075**
CO2_NBIO_IDLEX	1.0023	0	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0**
CO2_NBIO_RUNEX	1.0023	340.9056498	291.5479624	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**338.6328443**
CO2_NBIO_STREX	1.0023	75.6340228	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**74.62695497**
NOX_IDLEX	1.0002	0	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0**
NOX_RUNEX	1.0002	0.09378225	0.040383166	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.092877213**
NOX_STREX	1.0002	0.367777241	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.362880283**
PM10_IDLEX	1.0009	0	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.008000002**
PM10_RUNEX	1.0009	0.001462143	0.004879899	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.001477897**
PM10_STREX	1.0009	0.00187603	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.001851051**
PM25_IDLEX	1.0009	0	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.002000001**
PM25_RUNEX	1.0009	0.001344415	0.004668797	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.001360177**
PM25_STREX	1.0009	0.001725005	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.001702037**
ROG_DIURN		0.110504265	0	0.000728453	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.023463582**
ROG_HTSK		0.142294351	0	0.004888026	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.140433754**
ROG_IDLEX		0	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0**
ROG_RESTL		0.138008655	0	8.57726E-05	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.029302506**
ROG_RUNEX		0.01558984	0.013762499	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.015488923**
ROG_RUNLS		0.564398362	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.556883392**
ROG_STREX		0.428680792	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.422972903**
SO2_IDLEX		0	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0**
SO2_RUNEX		0.003365796	0.002756177	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.003342497**
SO2_STREX		0.000746742	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.0007368**
TOG_DIURN	1.0001	0.110515315	0	0.000728453	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.023465928**
TOG_HTSK	1.0001	0.14230858	0	0.004888026	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.140447794**
TOG_IDLEX	1.0002	0	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0**
TOG_RESTL	1.0001	0.138022456	0	8.57726E-05	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.029305436**
TOG_RUNEX	1.0002	0.022744262	0.015667691	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.022566042**
TOG_RUNLS	1.0001	0.564454802	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.55693908**
TOG_STREX	1.0002	0.46944404	0	0	134409.8891	818.8391716	872.731064	5101508.377	36305.10133	29191.83747	624615.9312	4018.717406	4410.282733	**0.463193392**

MDV CalEEMod Emission Rate Worksheet

Vehicle Class: MDV

Pollutant	CARB SAFE Rule Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	MDV Gas	MDV DSL	MDV Elec	MDV Gas	MDV DSL	MDV Elec	MDV Gas	MDV DSL	MDV Elec	
CH4_IDLEX		0	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0**
CH4_RUNEX		0.006010013	0.000546444	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.005860104**
CH4_STREX		0.101994961	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.099431076**
CO_IDLEX	1.0005	0	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0**
CO_RUNEX	1.0005	1.192310296	0.197670983	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**1.164682618**
CO_STREX	1.0005	3.744357371	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**3.650234075**
CO2_NBIO_IDLEX	1.0023	0	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0**
CO2_NBIO_RUNEX	1.0023	423.2000321	384.9787215	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**420.8440174**
CO2_NBIO_STREX	1.0023	92.43920567	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**90.11552719**
NOX_IDLEX	1.0002	0	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0**
NOX_RUNEX	1.0002	0.128554279	0.055758315	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.126390635**
NOX_STREX	1.0002	0.43905712	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.428020379**
PM10_IDLEX	1.0009	0	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.008000002**
PM10_RUNEX	1.0009	0.001599856	0.005370314	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.001683597**
PM10_STREX	1.0009	0.002146197	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.002092247**
PM25_IDLEX	1.0009	0	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.002000001**
PM25_RUNEX	1.0009	0.001472031	0.005137996	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.001553738**
PM25_STREX	1.0009	0.001975059	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.001925411**
ROG_DIURN		0.364466308	0	0.016340367	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.077804901**
ROG_HTSK		0.169678357	0	0.004888026	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.165432276**
ROG_IDLEX		0	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0**
ROG_RESTL		0.386549058	0	0.0050371	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.082509577**
ROG_RUNEX		0.027262967	0.011764617	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.026802689**
ROG_RUNLS		0.533345694	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.519938786**
ROG_STREX		0.51632752	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.503348404**
SO2_IDLEX		0	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0**
SO2_RUNEX		0.004178297	0.003639433	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.004151214**
SO2_STREX		0.000912662	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.00088972**
TOG_DIURN	1.0001	0.364502755	0	0.016340367	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.07781268**
TOG_HTSK	1.0001	0.169695324	0	0.004888026	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.165448818**
TOG_IDLEX	1.0002	0	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0**
TOG_RESTL	1.0001	0.386587713	0	0.0050371	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.082517828**
TOG_RUNEX	1.0002	0.038391312	0.013393235	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.037668054**
TOG_RUNLS	1.0001	0.533399028	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.51999078**
TOG_STREX	1.0002	0.565367226	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.551155381**
CH4_IDLEX		0	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0**
CH4_RUNEX		0.006796264	0.000546444	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.006625051**
CH4_STREX		0.083423174	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.081326135**
CO_IDLEX	1.0005	0	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0**
CO_RUNEX	1.0005	1.416782629	0.197670983	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**1.383072884**
CO_STREX	1.0005	2.850909516	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**2.779245149**
CO2_NBIO_IDLEX	1.0023	0	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0**
CO2_NBIO_RUNEX	1.0023	450.0300475	384.9787215	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**446.9470749**
CO2_NBIO_STREX	1.0023	90.68232639	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**88.40281123**
NOX_IDLEX	1.0002	0	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0**
NOX_RUNEX	1.0002	0.115296754	0.053631306	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.113441986**
NOX_STREX	1.0002	0.386360736	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.376648643**
PM10_IDLEX	1.0009	0	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.008000002**
PM10_RUNEX	1.0009	0.001599856	0.005370314	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.001683597**
PM10_STREX	1.0009	0.002146197	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.002092247**
PM25_IDLEX	1.0009	0	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.002000001**
PM25_RUNEX	1.0009	0.001472031	0.005137996	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.001553738**
PM25_STREX	1.0009	0.001975059	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.001925411**
ROG_DIURN		0.925499139	0	0.055052995	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.197582526**
ROG_HTSK		0.19091743	0	0.004888026	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.186137455**
ROG_IDLEX		0	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0**
ROG_RESTL		0.871167901	0	0.026225054	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.185963775**
ROG_RUNEX		0.030028496	0.011764617	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.029493287**
ROG_RUNLS		0.503162493	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.490514312**
ROG_STREX		0.415797275	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.405345225**
SO2_IDLEX		0	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0**
SO2_RUNEX		0.004443193	0.003639433	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.004408932**
SO2_STREX		0.000895316	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.00087281**
TOG_DIURN	1.0001	0.925591689	0	0.055052995	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.19760228**
TOG_HTSK	1.0001	0.190936522	0	0.004888026	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.186156067**
TOG_IDLEX	1.0002	0	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0**
TOG_RESTL	1.0001	0.871255018	0	0.026225054	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.185982369**
TOG_RUNEX	1.0002	0.042530701	0.013393235	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.041695287**
TOG_RUNLS	1.0001	0.50321281	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.490563363**
TOG_STREX	1.0002	0.455290125	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.443845328**

CH4_IDLEX		0	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0**
CH4_RUNEX		0.00583787	0.000546444	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.005692625**
CH4_STREX		0.115391639	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.112490997**
CO_IDLEX	1.0005	0	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0**
CO_RUNEX	1.0005	1.188652211	0.197670983	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**1.161123649**
CO_STREX	1.0005	4.472374431	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**4.359950702**
CO2_NBIO_IDLEX	1.0023	0	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0**
CO2_NBIO_RUNEX	1.0023	419.5685842	384.9787215	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**417.3109634**
CO2_NBIO_STREX	1.0023	93.84981592	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**91.4906784**
NOX_IDLEX	1.0002	0	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0**
NOX_RUNEX	1.0002	0.141941584	0.056576008	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.139434562**
NOX_STREX	1.0002	0.482946795	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.470806783**
PM10_IDLEX	1.0009	0	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.008000002**
PM10_RUNEX	1.0009	0.001599856	0.005370314	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.001683597**
PM10_STREX	1.0009	0.002146197	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.002092247**
PM25_IDLEX	1.0009	0	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.002000001**
PM25_RUNEX	1.0009	0.001472031	0.005137996	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.001553738**
PM25_STREX	1.0009	0.001975059	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.001925411**
ROG_DIURN		0.137074576	0	0.000728453	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.029257995**
ROG_HTSK		0.174341961	0	0.004888026	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.16997865**
ROG_IDLEX		0	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0**
ROG_RESTL		0.171929464	0	8.57726E-05	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.036696988**
ROG_RUNEX		0.027093701	0.011764617	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.02663801**
ROG_RUNLS		0.642290088	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.626144604**
ROG_STREX		0.592015759	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.57713404**
SO2_IDLEX		0	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0**
SO2_RUNEX		0.004142444	0.003639433	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.004116332**
SO2_STREX		0.000926589	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.000903297**
TOG_DIURN	1.0001	0.137088283	0	0.000728453	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.029260921**
TOG_HTSK	1.0001	0.174359395	0	0.004888026	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.169995646**
TOG_IDLEX	1.0002	0	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0**
TOG_RESTL	1.0001	0.171946657	0	8.57726E-05	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.036700657**
TOG_RUNEX	1.0002	0.037994969	0.013393235	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.03728245**
TOG_RUNLS	1.0001	0.642354317	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.626207219**
TOG_STREX	1.0002	0.64823964	0	0	97780.96	2002.190074	352.75684	3450715.444	83935.83795	12164.96482	446599.6657	9717.54831	1798.269951	**0.631944598**

LDH1 CalEEMod Emission Rate Worksheet

Vehicle Class: LHDT1

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	ELEC	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	Rate
CH4_IDLEX	0.12476812	0.005098128	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.005141732**
CH4_RUNEX	0.01245206	0.008379381	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.010573998**
CH4_STREX	0.028013503	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.016649535**
CO_IDLEX	3.746398208	0.909745076	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.178792384**
CO_RUNEX	1.102707148	0.803820496	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.964879496**
CO_STREX	1.83811128	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**1.092462404**
CO2_NBIO_IDLEX	122.5404186	137.2642194	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**9.315177132**
CO2_NBIO_RUNEX	1023.10929	564.8786823	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**811.8022661**
CO2_NBIO_STREX	19.23551073	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**11.4324266**
NOX_IDLEX	0.039940024	2.298693151	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.075725419**
NOX_RUNEX	0.28212113	2.439326555	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**1.276888067**
NOX_STREX	0.567665777	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.337386276**
PM10_IDLEX	0	0.027962289	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.000901775**
PM10_PMBW	0.076440022	0.076440022	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.076440022**
PM10_PMTW	0.008000002	0.012000003	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.00984455**
PM10_RUNEX	0.002387017	0.02965047	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.0149592**
PM10_STREX	0.000434904	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.000258481**
PM25_IDLEX	0	0.026752653	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.000862764**
PM25_PMBW	0.032760009	0.032760009	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.032760009**
PM25_PMTW	0.002000001	0.003000001	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.002461138**
PM25_RUNEX	0.002194774	0.028367804	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.014264123**
PM25_STREX	0.000399879	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.000237664**
ROG_DIURN	0.05021373	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.002003154**
ROG_HTSK	0.136324992	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.081023347**
ROG_IDLEX	0.457365808	0.109759705	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.021785206**
ROG_RESTL	0.027837494	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.001110509**
ROG_RUNEX	0.060375654	0.180403133	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.115724749**
ROG_RUNLS	0.969518226	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.576223118**
ROG_STREX	0.141891745	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.084331889**
SO2_IDLEX	0.001212637	0.001297641	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**9.02237E-05**
SO2_RUNEX	0.010124496	0.005340135	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.007918251**
SO2_STREX	0.000190351	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.000113133**
TOG_DIURN	0.05021373	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.002003154**
TOG_HTSK	0.136324992	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.081023347**
TOG_IDLEX	0.667387114	0.124954127	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.030653508**
TOG_RESTL	0.027837494	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.001110509**
TOG_RUNEX	0.088100013	0.205376973	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.142180742**
TOG_RUNLS	0.969518226	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.576223118**
TOG_STREX	0.1553536	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.092332803**
CH4_IDLEX	0.125182832	0.005098128	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.005158276**
CH4_RUNEX	0.012985187	0.008379381	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.01086128**
CH4_STREX	0.026256029	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.015604999**
CO_IDLEX	3.746398208	0.909745076	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.178792384**
CO_RUNEX	1.147892026	0.803820496	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.989227961**
CO_STREX	1.687334751	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**1.002849935**
CO2_NBIO_IDLEX	122.5404186	137.2642194	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**9.315177132**
CO2_NBIO_RUNEX	1023.193194	564.8786823	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**811.8474789**
CO2_NBIO_STREX	18.96482418	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**11.27154685**
NOX_IDLEX	0.039940024	2.298693151	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.075725419**
NOX_RUNEX	0.250858973	2.353384515	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**1.220411001**
NOX_STREX	0.525548609	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.312354373**
PM10_IDLEX	0	0.027962289	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.000901775**
PM10_PMBW	0.076440022	0.076440022	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.076440022**
PM10_PMTW	0.008000002	0.012000003	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.00984455**
PM10_RUNEX	0.002387017	0.02965047	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.0149592**
PM10_STREX	0.000434904	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.000258481**
PM25_IDLEX	0	0.026752653	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.000862764**
PM25_PMBW	0.032760009	0.032760009	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.032760009**
PM25_PMTW	0.002000001	0.003000001	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.002461138**
PM25_RUNEX	0.002194774	0.028367804	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.014264123**
PM25_STREX	0.000399879	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.000237664**
ROG_DIURN	0.129755603	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.005176283**
ROG_HTSK	0.158085555	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.093956513**
ROG_IDLEX	0.457365808	0.109759705	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.021785206**
ROG_RESTL	0.065926613	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.002629981**
ROG_RUNEX	0.06322392	0.180403133	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.117259574**
ROG_RUNLS	0.945860907	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.562162635**
ROG_STREX	0.132449243	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.078719836**
SO2_IDLEX	0.001212637	0.001297641	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**9.02237E-05**
SO2_RUNEX	0.010125326	0.005340135	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.007918698**
SO2_STREX	0.000187672	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.000111541**
TOG_DIURN	0.129755603	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.005176283**
TOG_HTSK	0.158085555	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.093956513**
TOG_IDLEX	0.667387114	0.124954127	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.030653508**
TOG_RESTL	0.065926613	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.002629981**
TOG_RUNEX	0.092256196	0.205376973	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.144420356**
TOG_RUNLS	0.945860907	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.562162635**
TOG_STREX	0.145015249	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.086188312**

CH4_IDLEX	0.124421725	0.005098128	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.005127914**
CH4_RUNEX	0.012030898	0.008379381	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.010347049**
CH4_STREX	0.029506538	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.017536905**
CO_IDLEX	3.746398208	0.909745076	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.178792384**
CO_RUNEX	1.067867645	0.803820496	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.946105772**
CO_STREX	1.981585113	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**1.177734591**
CO2_NBIO_IDLEX	122.5404186	137.2642194	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**9.315177132**
CO2_NBIO_RUNEX	1023.044511	564.8786823	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**811.7673591**
CO2_NBIO_STREX	19.49004121	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**11.58370416**
NOX_IDLEX	0.039940024	2.298693151	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.075725419**
NOX_RUNEX	0.30195381	2.47482963	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**1.303946944**
NOX_STREX	0.605904286	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.360112938**
PM10_IDLEX	0	0.027962289	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.000901775**
PM10_PMBW	0.076440022	0.076440022	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.076440022**
PM10_PMTW	0.008000002	0.012000003	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.00984455**
PM10_RUNEX	0.002387017	0.02965047	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.0149592**
PM10_STREX	0.000434904	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.000258481**
PM25_IDLEX	0	0.026752653	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.000862764**
PM25_PMBW	0.032760009	0.032760009	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.032760009**
PM25_PMTW	0.002000001	0.003000001	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.002461138**
PM25_RUNEX	0.002194774	0.028367804	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.014264123**
PM25_STREX	0.000399879	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.000237664**
ROG_DIURN	0.016829124	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.000671357**
ROG_HTSK	0.14973305	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.088992288**
ROG_IDLEX	0.457365808	0.109759705	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.021785206**
ROG_RESTL	0.011964872	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.000477309**
ROG_RUNEX	0.058159737	0.180403133	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.114530673**
ROG_RUNLS	1.076065671	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.639548488**
ROG_STREX	0.149969525	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.089132834**
SO2_IDLEX	0.001212637	0.001297641	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**9.02237E-05**
SO2_RUNEX	0.010123855	0.005340135	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.007917905**
SO2_STREX	0.00019287	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.00011463**
TOG_DIURN	0.016829124	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.000671357**
TOG_HTSK	0.14973305	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.088992288**
TOG_IDLEX	0.667387114	0.124954127	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.030653508**
TOG_RESTL	0.011964872	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.000477309**
TOG_RUNEX	0.084866552	0.205376973	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.140438349**
TOG_RUNLS	1.076065671	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.639548488**
TOG_STREX	0.164197753	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.097589234**

LDH2 CalEEMod Emission Rate Worksheet

Vehicle Class: LHDT2

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	ELEC	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	Rate
CH4_IDLEX	0.124957841	0.005098128	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.003164508**
CH4_RUNEX	0.009687794	0.007552125	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.00818619**
CH4_STREX	0.02631543	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.009096723**
CO_IDLEX	3.755117425	0.909745076	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.134450523**
CO_RUNEX	0.819211682	0.725076379	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.753024455**
CO_STREX	1.79492735	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.620470878**
CO2_NBIO_IDLEX	140.6121856	219.246769	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**14.66728819**
CO2_NBIO_RUNEX	1164.490837	631.0420878	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**789.4190784**
CO2_NBIO_STREX	21.78745792	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**7.531493204**
NOX_IDLEX	0.039398833	2.258722918	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.118408175**
NOX_RUNEX	0.259950597	1.832279958	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**1.365466992**
NOX_STREX	0.556432212	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.192347609**
PM10_IDLEX	0	0.027832732	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.0014478**
PM10_PMBW	0.089180026	0.089180026	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.089180026**
PM10_PMTW	0.008000002	0.012000003	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.010812433**
PM10_RUNEX	0.002166152	0.02657967	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.019331477**
PM10_STREX	0.000367493	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.000127035**
PM25_IDLEX	0	0.0266287	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.001385169**
PM25_PMBW	0.038220011	0.038220011	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.038220011**
PM25_PMTW	0.002000001	0.003000001	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.002703108**
PM25_RUNEX	0.001991697	0.025429846	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.018471232**
PM25_STREX	0.000337897	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.000116804**
ROG_DIURN	0.041823566	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.000970404**
ROG_HTSK	0.116648875	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.040323209**
ROG_IDLEX	0.451512273	0.109759705	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.016185609**
ROG_RESTL	0.023562864	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.000546713**
ROG_RUNEX	0.044460175	0.162592811	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.127520104**
ROG_RUNLS	0.795581977	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.275016951**
ROG_STREX	0.131999873	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.045629745**
SO2_IDLEX	0.001391472	0.00207267	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.000140101**
SO2_RUNEX	0.011523581	0.005965617	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.007615735**
SO2_STREX	0.000215605	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**7.45302E-05**
TOG_DIURN	0.041823566	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.000970404**
TOG_HTSK	0.116648875	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.040323209**
TOG_IDLEX	0.658845649	0.124954127	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.021786609**
TOG_RESTL	0.023562864	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.000546713**
TOG_RUNEX	0.064876183	0.185101105	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.149407214**
TOG_RUNLS	0.795581977	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.275016951**
TOG_STREX	0.144523246	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.049958827**
CH4_IDLEX	0.125363543	0.005098128	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.003173921**
CH4_RUNEX	0.010055384	0.007552125	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.008295324**
CH4_STREX	0.024666621	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.008526763**
CO_IDLEX	3.755117425	0.909745076	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.134450523**
CO_RUNEX	0.849729263	0.725076379	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.762084899**
CO_STREX	1.649359946	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.570151106**
CO2_NBIO_IDLEX	140.6121856	219.246769	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**14.66728819**
CO2_NBIO_RUNEX	1164.546747	631.0420878	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**789.4356777**
CO2_NBIO_STREX	21.52730514	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**7.441563537**
NOX_IDLEX	0.039398833	2.258722918	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.118408175**
NOX_RUNEX	0.23095116	1.767853766	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**1.311558742**
NOX_STREX	0.515157746	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.178079842**
PM10_IDLEX	0	0.027832732	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.0014478**
PM10_PMBW	0.089180026	0.089180026	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.089180026**
PM10_PMTW	0.008000002	0.012000003	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.010812433**
PM10_RUNEX	0.002166152	0.02657967	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.019331477**
PM10_STREX	0.000367493	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.000127035**
PM25_IDLEX	0	0.0266287	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.001385169**
PM25_PMBW	0.038220011	0.038220011	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.038220011**
PM25_PMTW	0.002000001	0.003000001	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.002703108**
PM25_RUNEX	0.001991697	0.025429846	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.018471232**
PM25_STREX	0.000337897	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.000116804**
ROG_DIURN	0.1076649	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.002498077**
ROG_HTSK	0.136013359	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.047017128**
ROG_IDLEX	0.451512273	0.109759705	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.016185609**
ROG_RESTL	0.055617589	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.001290458**
ROG_RUNEX	0.046208037	0.162592811	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.128039032**
ROG_RUNLS	0.775617812	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.268115734**
ROG_STREX	0.123235723	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.042600152**
SO2_IDLEX	0.001391472	0.00207267	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.000140101**
SO2_RUNEX	0.011524134	0.005965617	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.0076159**
SO2_STREX	0.00021303	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**7.36403E-05**
TOG_DIURN	0.1076649	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.002498077**
TOG_HTSK	0.136013359	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.047017128**
TOG_IDLEX	0.658845649	0.124954127	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.021786609**
TOG_RESTL	0.055617589	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.001290458**
TOG_RUNEX	0.067426659	0.185101105	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.150164432**
TOG_RUNLS	0.775617812	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.268115734**
TOG_STREX	0.134927605	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.046641804**

CH4_IDLEX	0.124618932	0.005098128	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.003156644**
CH4_RUNEX	0.009391226	0.007552125	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.008098141**
CH4_STREX	0.027714956	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.009580512**
CO_IDLEX	3.755117425	0.909745076	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.134450523**
CO_RUNEX	0.795523283	0.725076379	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.745991544**
CO_STREX	1.932869089	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.668154608**
CO2_NBIO_IDLEX	140.6121856	219.246769	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**14.66728819**
CO2_NBIO_RUNEX	1164.44726	631.0420878	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**789.4061408**
CO2_NBIO_STREX	22.03124992	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**7.615767277**
NOX_IDLEX	0.039398833	2.258722918	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.118408175**
NOX_RUNEX	0.278176214	1.858881178	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**1.389581558**
NOX_STREX	0.593936541	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.205312113**
PM10_IDLEX	0	0.027832732	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.0014478**
PM10_PMBW	0.089180026	0.089180026	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.089180026**
PM10_PMTW	0.008000002	0.012000003	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.010812433**
PM10_RUNEX	0.002166152	0.02657967	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.019331477**
PM10_STREX	0.000367493	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.000127035**
PM25_IDLEX	0	0.0266287	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.001385169**
PM25_PMBW	0.038220011	0.038220011	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.038220011**
PM25_PMTW	0.002000001	0.003000001	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.002703108**
PM25_RUNEX	0.001991697	0.025429846	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.018471232**
PM25_STREX	0.000337897	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.000116804**
ROG_DIURN	0.014471584	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.000335775**
ROG_HTSK	0.126202544	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.043625723**
ROG_IDLEX	0.451512273	0.109759705	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.016185609**
ROG_RESTL	0.010356141	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.000240287**
ROG_RUNEX	0.043062108	0.162592811	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.127105029**
ROG_RUNLS	0.886524301	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.306453914**
ROG_STREX	0.139490834	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.048219222**
SO2_IDLEX	0.001391472	0.00207267	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.000140101**
SO2_RUNEX	0.01152315	0.005965617	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.007615607**
SO2_STREX	0.000218017	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**7.53642E-05**
TOG_DIURN	0.014471584	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.000335775**
TOG_HTSK	0.126202544	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.043625723**
TOG_IDLEX	0.658845649	0.124954127	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.021786609**
TOG_RESTL	0.010356141	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.000240287**
TOG_RUNEX	0.062836127	0.185101105	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.148801537**
TOG_RUNLS	0.886524301	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.306453914**
TOG_STREX	0.152724906	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.052793979**

MHDT CalEEMod Emission Rate Worksheet

Vehicle Class: MHDT

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	ELEC	MHDT Gas	MHDT DSL	MHDT Elec	MHDT Gas	MHDT DSL	MHDT Elec	MHDT Gas	MHDT DSL	MHDT Elec	Rate
CH4_IDLEX	0.258746024	0.006461452	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.00368254**
CH4_RUNEX	0.019628171	0.010370108	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.011652078**
CH4_STREX	0.042963795	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.010577463**
CO_IDLEX	15.06082219	2.814790497	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.402576199**
CO_RUNEX	2.252437367	0.62511497	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.850451269**
CO_STREX	5.384472691	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**1.325629144**
CO2_NBIO_IDLEX	540.923554	1046.326179	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**87.41513609**
CO2_NBIO_RUNEX	1757.18577	1094.721819	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**1186.453596**
CO2_NBIO_STREX	40.37173669	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**9.939311391**
NOX_IDLEX	0.088165982	10.1771227	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.786591339**
NOX_RUNEX	0.619368163	3.417579783	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**3.030109758**
NOX_STREX	0.396330827	1.32575792	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**1.096937809**
PM10_IDLEX	0	0.030845884	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.002380795**
PM10_PMBW	0.130340037	0.130340037	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.130340037**
PM10_PMTW	0.012000003	0.012000003	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.012000003**
PM10_RUNEX	0.001460744	0.093649181	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.080883793**
PM10_STREX	0.000546471	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.000134538**
PM25_IDLEX	0	0.029511505	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.002277803**
PM25_PMBW	0.055860016	0.055860016	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.055860016**
PM25_PMTW	0.003000001	0.003000001	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.003000001**
PM25_RUNEX	0.0013431	0.089597959	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.077377256**
PM25_STREX	0.00050246	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.000123703**
ROG_DIURN	0.040287226	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.000495727**
ROG_HTSK	0.096641397	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.023792609**
ROG_IDLEX	1.007907801	0.139113291	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.02313938**
ROG_RESTL	0.021903138	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.000269514**
ROG_RUNEX	0.097238322	0.223265592	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.205814521**
ROG_RUNLS	0.562201883	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.138411177**
ROG_STREX	0.237690096	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.058518064**
SO2_IDLEX	0.005352877	0.009885171	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.000828839**
SO2_RUNEX	0.017388778	0.010342389	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.011318107**
SO2_STREX	0.000399511	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**9.83575E-05**
TOG_DIURN	0.040287226	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.000495727**
TOG_HTSK	0.096641397	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.023792609**
TOG_IDLEX	1.470736698	0.158369892	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.030320698**
TOG_RESTL	0.021903138	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.000269514**
TOG_RUNEX	0.141889932	0.254170881	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.238623271**
TOG_RUNLS	0.562201883	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.138411177**
TOG_STREX	0.260240737	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.064069915**
CH4_IDLEX	0.241603675	0.006333039	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.003461696**
CH4_RUNEX	0.020413203	0.010370108	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.011760782**
CH4_STREX	0.040156097	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.009886222**
CO_IDLEX	10.38500211	2.542493305	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.324024221**
CO_RUNEX	2.338402378	0.62511497	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.862354895**
CO_STREX	4.903092446	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**1.207115834**
CO2_NBIO_IDLEX	568.6683603	1065.720991	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**89.25349139**
CO2_NBIO_RUNEX	1757.338916	1094.721819	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**1186.474802**
CO2_NBIO_STREX	39.55381417	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**9.737943125**
NOX_IDLEX	0.09192936	10.31148393	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.797008123**
NOX_RUNEX	0.548039282	3.290129314	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**2.910430479**
NOX_STREX	0.366748939	1.32575792	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**1.089654902**
PM10_IDLEX	0	0.02604289	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.002010083**
PM10_PMBW	0.130340037	0.130340037	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.130340037**
PM10_PMTW	0.012000003	0.012000003	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.012000003**
PM10_RUNEX	0.001460744	0.093649181	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.080883793**
PM10_STREX	0.000546471	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.000134538**
PM25_IDLEX	0	0.024916286	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.001923127**
PM25_PMBW	0.055860016	0.055860016	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.055860016**
PM25_PMTW	0.003000001	0.003000001	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.003000001**
PM25_RUNEX	0.0013431	0.089597959	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.077377256**
PM25_STREX	0.00050246	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.000123703**
ROG_DIURN	0.107941133	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.001328196**
ROG_HTSK	0.11352551	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.02794939**
ROG_IDLEX	0.936203306	0.136348584	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.022043679**
ROG_RESTL	0.055549064	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.000683521**
ROG_RUNEX	0.101153822	0.223265592	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.206356703**
ROG_RUNLS	0.549200191	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.135210228**
ROG_STREX	0.221334667	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.054491443**
SO2_IDLEX	0.005627434	0.010068403	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.00084636**
SO2_RUNEX	0.017390293	0.010342389	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.011318316**
SO2_STREX	0.000391417	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**9.63648E-05**
TOG_DIURN	0.107941133	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.001328196**
TOG_HTSK	0.11352551	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.02794939**
TOG_IDLEX	1.366105667	0.155222484	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.028790304**
TOG_RESTL	0.055549064	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.000683521**
TOG_RUNEX	0.14760342	0.254170881	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.239414421**
TOG_RUNLS	0.549200191	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.135210228**
TOG_STREX	0.2423336	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.059661271**

CH4_IDLEX	0.275856614	0.006638785	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.00390677**
CH4_RUNEX	0.019009884	0.010370108	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.011566463**
CH4_STREX	0.045364101	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.011168405**
CO_IDLEX	19.73664227	3.190819951	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.489134602**
CO_RUNEX	2.186919354	0.62511497	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.841378951**
CO_STREX	5.84246798	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**1.4383852**
CO2_NBIO_IDLEX	513.1787476	1019.542866	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**85.00651012**
CO2_NBIO_RUNEX	1757.0688	1094.721819	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**1186.437399**
CO2_NBIO_STREX	41.14512859	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**10.12971645**
NOX_IDLEX	0.084402603	9.991576251	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.772223897**
NOX_RUNEX	0.664217747	3.469770947	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**3.08128433**
NOX_STREX	0.423082656	1.32575792	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**1.103523969**
PM10_IDLEX	0	0.037478591	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.002892731**
PM10_PMBW	0.130340037	0.130340037	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.130340037**
PM10_PMTW	0.012000003	0.012000003	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.012000003**
PM10_RUNEX	0.001460744	0.093649181	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.080883793**
PM10_STREX	0.000546471	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.000134538**
PM25_IDLEX	0	0.035857284	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.002767593**
PM25_PMBW	0.055860016	0.055860016	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.055860016**
PM25_PMTW	0.003000001	0.003000001	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.003000001**
PM25_RUNEX	0.0013431	0.089597959	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.077377256**
PM25_STREX	0.00050246	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.000123703**
ROG_DIURN	0.01249166	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.000153708**
ROG_HTSK	0.10168817	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.025035098**
ROG_IDLEX	1.079612297	0.142931219	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.024316372**
ROG_RESTL	0.008764166	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.000107841**
ROG_RUNEX	0.094196205	0.223265592	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.205393277**
ROG_RUNLS	0.634109684	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.156114503**
ROG_STREX	0.251821907	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.061997242**
SO2_IDLEX	0.00507832	0.009632135	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.00080593**
SO2_RUNEX	0.01738762	0.010342389	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.011317946**
SO2_STREX	0.000407164	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.000100242**
TOG_DIURN	0.01249166	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.000153708**
TOG_HTSK	0.10168817	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.025035098**
TOG_IDLEX	1.575367729	0.162716313	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.031943636**
TOG_RESTL	0.008764166	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.000107841**
TOG_RUNEX	0.137450881	0.254170881	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.238008593**
TOG_RUNLS	0.634109684	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.156114503**
TOG_STREX	0.27571329	0	0	764.570081	4795.864125	0	42126.50542	262100.582	0	15297.51817	46838.31312	0	**0.067879177**

HHD CalEEMod Emission Rate Worksheet

Vehicle Class: HHDT

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	HHDT Gas	HHDT DSL	HHDT NG	HHDT Gas	HHDT DSL	HHDT NG	HHDT Gas	HHDT DSL	HHDT NG	Rate
CH4_IDLEX	0	0.214840829	1.203800099	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.024744743**
CH4_RUNEX	0.090762043	0.006461523	3.34636426	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.052777621**
CH4_STREX	0.000432648	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**4.11238E-07**
CO_IDLEX	0	58.97115855	21.1382347	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**5.595853114**
CO_RUNEX	32.13539871	0.525792613	10.8753224	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.683681744**
CO_STREX	5.671987718	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.005391309**
CO2_NBIO_IDLEX	0	11392.37696	4053.912482	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**1080.923248**
CO2_NBIO_RUNEX	2030.704602	1521.613561	3192.103561	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**1544.993074**
CO2_NBIO_STREX	48.24874007	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.045861149**
NOX_IDLEX	0	62.48961716	20.29547409	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**5.921586735**
NOX_RUNEX	3.607619847	4.130703096	1.208585554	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**4.089974706**
NOX_STREX	0.664057981	1.899601069	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**1.869772248**
PM10_IDLEX	0	0.091914885	0.020047247	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.008672034**
PM10_PMBW	0.061740018	0.060765095	0.061740018	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.06077905**
PM10_PMTW	0.020000006	0.035431542	0.03600001	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.035432347**
PM10_RUNEX	0.001307872	0.062276156	0.004293574	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.061444811**
PM10_STREX	0.000997422	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**9.48064E-07**
PM25_IDLEX	0	0.087938687	0.019180012	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.008296886**
PM25_PMBW	0.026460008	0.026042184	0.026460008	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.026048164**
PM25_PMTW	0.005000001	0.008857886	0.009000003	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.008858087**
PM25_RUNEX	0.00120254	0.059582117	0.004107835	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.058786713**
PM25_STREX	0.000917092	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**8.7171E-07**
ROG_DIURN	0.063862438	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**3.0339E-06**
ROG_HTSK	0.150617954	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.000143165**
ROG_IDLEX	0	4.625464129	0.033846952	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.432634651**
ROG_RESTL	0.039015582	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**1.8535E-06**
ROG_RUNEX	0.452902998	0.139114814	0.12155102	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.139015262**
ROG_RUNLS	0.830156858	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.000789077**
ROG_STREX	0.00226443	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**2.15237E-06**
SO2_IDLEX	0	0.107629529	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.010063892**
SO2_RUNEX	0.020095468	0.01437545	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.014178887**
SO2_STREX	0.00047746	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**4.53833E-07**
TOG_DIURN	0.063862438	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**3.0339E-06**
TOG_HTSK	0.150617954	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.000143165**
TOG_IDLEX	0	5.265738814	1.247533593	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.4971978**
TOG_RESTL	0.039015582	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**1.8535E-06**
TOG_RUNEX	0.660874992	0.158371627	3.499225913	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.204892573**
TOG_RUNLS	0.830156858	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.000789077**
TOG_STREX	0.002479265	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**2.35658E-06**
CH4_IDLEX	0	0.223623065	1.257756699	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.025774619**
CH4_RUNEX	0.094534611	0.006461523	3.34636426	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.05277935**
CH4_STREX	0.000400899	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**3.8106E-07**
CO_IDLEX	0	57.52503852	20.61169263	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**5.458597188**
CO_RUNEX	33.47786083	0.525792613	10.8753224	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.684296998**
CO_STREX	5.165427161	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.004909816**
CO2_NBIO_IDLEX	0	11370.35383	4032.491548	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**1078.781124**
CO2_NBIO_RUNEX	2032.93302	1521.613561	3192.103561	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**1544.994095**
CO2_NBIO_STREX	47.44527937	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.045097447**
NOX_IDLEX	0	60.86242938	19.64088209	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**5.766904808**
NOX_RUNEX	3.183175388	3.981673293	1.163488107	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**3.942258759**
NOX_STREX	0.614498679	1.899601069	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**1.869725141**
PM10_IDLEX	0	0.085470125	0.01718668	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.008058354**
PM10_PMBW	0.061740018	0.060765095	0.061740018	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.06077905**
PM10_PMTW	0.020000006	0.035431542	0.03600001	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.035432347**
PM10_RUNEX	0.001307872	0.062276156	0.004293574	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.061444811**
PM10_STREX	0.000997422	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**9.48064E-07**
PM25_IDLEX	0	0.081772726	0.016443191	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.007709753**
PM25_PMBW	0.026460008	0.026042184	0.026460008	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.026048164**
PM25_PMTW	0.005000001	0.008857886	0.009000003	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.008858087**
PM25_RUNEX	0.00120254	0.059582117	0.004107835	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.058786713**
PM25_STREX	0.000917092	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**8.7171E-07**
ROG_DIURN	0.195667445	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**9.29552E-06**
ROG_HTSK	0.173555594	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.000164967**
ROG_IDLEX	0	4.814543269	0.033611618	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.450313574**
ROG_RESTL	0.117730694	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**5.593E-06**
ROG_RUNEX	0.476211225	0.139114814	0.12155102	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.139025944**
ROG_RUNLS	0.834011853	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.000792741**
ROG_STREX	0.002108614	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**2.00427E-06**
SO2_IDLEX	0	0.107421465	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.010044437**
SO2_RUNEX	0.02011752	0.01437545	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.014178897**
SO2_STREX	0.00046951	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**4.46276E-07**
TOG_DIURN	0.195667445	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**9.29552E-06**
TOG_HTSK	0.173555594	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.000164967**
TOG_IDLEX	0	5.480991022	1.301453739	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.517533497**
TOG_RESTL	0.117730694	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**5.593E-06**
TOG_RUNEX	0.694886302	0.158371627	3.499225913	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.20490816**
TOG_RUNLS	0.834011853	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.000792741**
TOG_STREX	0.002308667	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**2.19442E-06**

CH4_IDLEX	0	0.202712979	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.018954665**
CH4_RUNEX	0.087958325	0.006461523	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.006409343**
CH4_STREX	0.000460144	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**4.37373E-07**
CO_IDLEX	0	60.96818145	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**5.700826041**
CO_RUNEX	31.13462814	0.525792613	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.532535368**
CO_STREX	6.152775394	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.005848305**
CO2_NBIO_IDLEX	0	11422.78986	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**1068.08726**
CO2_NBIO_RUNEX	2029.044658	1521.613561	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**1500.762745**
CO2_NBIO_STREX	49.01127767	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.046585952**
NOX_IDLEX	0	64.736686	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**6.053199827**
NOX_RUNEX	3.876071533	4.194922729	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**4.136652037**
NOX_STREX	0.708876645	1.899601069	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**1.869814849**
PM10_IDLEX	0	0.10081479	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.009426681**
PM10_PMBW	0.061740018	0.060765095	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.059923585**
PM10_PMTW	0.020000006	0.035431542	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.034933533**
PM10_RUNEX	0.001307872	0.062276156	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.06138532**
PM10_STREX	0.000997422	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**9.48064E-07**
PM25_IDLEX	0	0.096453587	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.009018887**
PM25_PMBW	0.026460008	0.026042184	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.025681536**
PM25_PMTW	0.005000001	0.008857886	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.008733383**
PM25_RUNEX	0.00120254	0.059582117	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.058729796**
PM25_STREX	0.000917092	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**8.7171E-07**
ROG_DIURN	0.016962731	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**8.05844E-07**
ROG_HTSK	0.171638848	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.000163145**
ROG_IDLEX	0	4.364354841	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.40808873**
ROG_RESTL	0.011767881	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**5.59054E-07**
ROG_RUNEX	0.435825023	0.139114814	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.137323232**
ROG_RUNLS	0.894362109	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.000850105**
ROG_STREX	0.002399061	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**2.28034E-06**
SO2_IDLEX	0	0.107916855	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.010090759**
SO2_RUNEX	0.020079042	0.01437545	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.014178879**
SO2_STREX	0.000485006	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**4.61006E-07**
TOG_DIURN	0.016962731	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**8.05844E-07**
TOG_HTSK	0.171638848	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.000163145**
TOG_IDLEX	0	4.968485766	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.464577955**
TOG_RESTL	0.011767881	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**5.59054E-07**
TOG_RUNEX	0.63595485	0.158371627	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.156396118**
TOG_RUNLS	0.894362109	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**0.000850105**
TOG_STREX	0.002626669	0	0	2.532426251	4984.43665	206.1798086	278.1616514	598251.2894	8409.70731	50.66878443	52451.89743	804.1012537	**2.49669E-06**

OBUS CalEEMod Emission Rate Worksheet

Vehicle Class: OBUS

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	OBUS Gas	OBUS DSL	OBUS NG	OBUS Gas	OBUS DSL	OBUS NG	OBUS Gas	OBUS DSL	OBUS NG	Rate
CH4_IDLEX	0.195333448	0.063995683	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.009211598**
CH4_RUNEX	0.021105345	0.011243752	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.017286422**
CH4_STREX	0.033583846	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.027914332**
CO_IDLEX	5.777156927	14.75990812	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.492997082**
CO_RUNEX	2.307669233	0.717793197	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**1.691986271**
CO_STREX	3.77977965	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**3.141689748**
CO2_NBIO_IDLEX	384.0859379	3071.179118	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**68.59892246**
CO2_NBIO_RUNEX	1806.258997	1285.726894	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**1604.681805**
CO2_NBIO_STREX	27.63374461	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**22.96870721**
NOX_IDLEX	0.065089139	23.20357137	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.400435876**
NOX_RUNEX	0.721179248	3.842155069	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**1.92978394**
NOX_STREX	0.356585173	1.558666014	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.559516486**
PM10_IDLEX	0	0.095690617	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.001640231**
PM10_PMBW	0.130340037	0.130340037	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.130340037**
PM10_PMTW	0.012000003	0.012000003	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.012000003**
PM10_RUNEX	0.000988263	0.09692033	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.038138165**
PM10_STREX	0.000239711	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.000199244**
PM25_IDLEX	0	0.091551084	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.001569275**
PM25_PMBW	0.055860016	0.055860016	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.055860016**
PM25_PMTW	0.003000001	0.003000001	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.003000001**
PM25_RUNEX	0.000908671	0.092727599	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.036465751**
PM25_STREX	0.000220405	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.000183197**
ROG_DIURN	0.039837055	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.001654933**
ROG_HTSK	0.033049073	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.027469837**
ROG_IDLEX	0.746691215	1.377809504	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.054636458**
ROG_RESTL	0.019109756	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.000793868**
ROG_RUNEX	0.101856354	0.2420749	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.156156292**
ROG_RUNLS	0.34876197	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.289885128**
ROG_STREX	0.178163421	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.148086461**
SO2_IDLEX	0.003800842	0.029014977	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.000655242**
SO2_RUNEX	0.017874397	0.01214691	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.015656415**
SO2_STREX	0.000273458	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.000227294**
TOG_DIURN	0.039837055	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.001654933**
TOG_HTSK	0.033049073	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.027469837**
TOG_IDLEX	1.089570069	1.56853124	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.072149677**
TOG_RESTL	0.019109756	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.000793868**
TOG_RUNEX	0.148628552	0.275583847	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.197792267**
TOG_RUNLS	0.34876197	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.289885128**
TOG_STREX	0.19506652	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.162136035**
CH4_IDLEX	0.196036336	0.064046337	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.009241666**
CH4_RUNEX	0.021902027	0.011243752	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.017774587**
CH4_STREX	0.031196923	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.025930362**
CO_IDLEX	5.777156927	13.6071441	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.473237579**
CO_RUNEX	2.394751612	0.717793197	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**1.745345809**
CO_STREX	3.399118285	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**2.825290375**
CO2_NBIO_IDLEX	384.0859379	3098.208498	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**69.06223247**
CO2_NBIO_RUNEX	1806.414248	1285.726894	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**1604.776935**
CO2_NBIO_STREX	26.9864875	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**22.43071792**
NOX_IDLEX	0.065089139	23.21631053	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.400654238**
NOX_RUNEX	0.638261749	3.700959827	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**1.824298258**
NOX_STREX	0.329721011	1.558666014	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.537187443**
PM10_IDLEX	0	0.08085075	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.001385861**
PM10_PMBW	0.130340037	0.130340037	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.130340037**
PM10_PMTW	0.012000003	0.012000003	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.012000003**
PM10_RUNEX	0.000988263	0.09692033	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.038138165**
PM10_STREX	0.000239711	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.000199244**
PM25_IDLEX	0	0.077353183	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.001325909**
PM25_PMBW	0.055860016	0.055860016	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.055860016**
PM25_PMTW	0.003000001	0.003000001	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.003000001**
PM25_RUNEX	0.000908671	0.092727599	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.036465751**
PM25_STREX	0.000220405	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.000183197**
ROG_DIURN	0.098159175	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.004077782**
ROG_HTSK	0.035556064	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.029553607**
ROG_IDLEX	0.746691215	1.378900077	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.054655152**
ROG_RESTL	0.044236609	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.001837701**
ROG_RUNEX	0.105849196	0.2420749	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.158602897**
ROG_RUNLS	0.34136426	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.283736275**
ROG_STREX	0.165090601	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.137220552**
SO2_IDLEX	0.003800842	0.029270338	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.000659619**
SO2_RUNEX	0.017875933	0.01214691	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.015657357**
SO2_STREX	0.000267053	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.00022197**
TOG_DIURN	0.098159175	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.004077782**
TOG_HTSK	0.035556064	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.029553607**
TOG_IDLEX	1.089570069	1.569772774	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.072170958**
TOG_RESTL	0.044236609	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.001837701**
TOG_RUNEX	0.154454898	0.275583847	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.201362347**
TOG_RUNLS	0.34136426	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.283736275**
TOG_STREX	0.180753428	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.150239232**

CH4_IDLEX	0.194825757	0.063925732	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.009189308**
CH4_RUNEX	0.020482505	0.011243752	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.016904778**
CH4_STREX	0.035402927	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.029426322**
CO_IDLEX	5.777156927	16.35182034	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.520284014**
CO_RUNEX	2.241141068	0.717793197	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**1.651221283**
CO_STREX	4.089844531	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**3.399410501**
CO2_NBIO_IDLEX	384.0859379	3033.852831	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**67.95911339**
CO2_NBIO_RUNEX	1806.140101	1285.726894	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**1604.608952**
CO2_NBIO_STREX	28.15872109	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**23.4050589**
NOX_IDLEX	0.065089139	23.1859792	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.400134329**
NOX_RUNEX	0.773292303	3.900968651	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**1.984491789**
NOX_STREX	0.380836032	1.558666014	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.579673395**
PM10_IDLEX	0	0.116183767	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.001991503**
PM10_PMBW	0.130340037	0.130340037	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.130340037**
PM10_PMTW	0.012000003	0.012000003	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.012000003**
PM10_RUNEX	0.000988263	0.09692033	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.038138165**
PM10_STREX	0.000239711	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.000199244**
PM25_IDLEX	0	0.111157709	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.001905352**
PM25_PMBW	0.055860016	0.055860016	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.055860016**
PM25_PMTW	0.003000001	0.003000001	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.003000001**
PM25_RUNEX	0.000908671	0.092727599	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.036465751**
PM25_STREX	0.000220405	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.000183197**
ROG_DIURN	0.016790691	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.000697528**
ROG_HTSK	0.033709797	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.028019021**
ROG_IDLEX	0.746691215	1.376303475	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.054610644**
ROG_RESTL	0.008971153	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.000372685**
ROG_RUNEX	0.098738788	0.2420749	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.15424601**
ROG_RUNLS	0.380441492	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.316216617**
ROG_STREX	0.188143847	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.156382025**
SO2_IDLEX	0.003800842	0.028662337	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.000649197**
SO2_RUNEX	0.01787322	0.01214691	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.015655694**
SO2_STREX	0.000278653	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.000231612**
TOG_DIURN	0.016790691	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.000697528**
TOG_HTSK	0.033709797	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.028019021**
TOG_IDLEX	1.089570069	1.566816741	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.072120289**
TOG_RESTL	0.008971153	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.000372685**
TOG_RUNEX	0.144079407	0.275583847	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.195004788**
TOG_RUNLS	0.380441492	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.316216617**
TOG_STREX	0.20599383	0	0	301.7953236	124.5245472	0	14810.36602	9360.043981	0	6038.320834	1226.4074	0	**0.171218633**

UBUS CalEEMod Emission Rate Worksheet

Vehicle Class: UBUS

Pollutant	Emission Rates				Population				VMT				Trips				CalEEMod Emission
	Gas	DSL	ELEC	NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	Rate
CH4_IDLEX	0	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0**
CH4_RUNEX	0.003834	0.161494389	5.766079173	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.128554959**
CH4_STREX	0.027634	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.002642335**
CO_IDLEX	0	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0**
CO_RUNEX	0.153606	0.265314536	44.25766037	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.225116389**
CO_STREX	2.308271	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.220711216**
CO2_NBIO_IDLEX	0	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0**
CO2_NBIO_RUNEX	1207.854	1690.645799	1881.837352	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**1456.132983**
CO2_NBIO_STREX	32.2334	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**3.082078539**
NOX_IDLEX	0	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0**
NOX_RUNEX	0.105513	2.366730285	0.450873223	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**1.888656652**
NOX_STREX	0.434258	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.041522688**
PM10_IDLEX	0	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0**
PM10_PMBW	0.08918	0.076207364	0.080304935	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.068918141**
PM10_PMTW	0.008	0.030938567	0.029505014	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.025314557**
PM10_RUNEX	0.00056	0.00702599	0.003086953	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.005630118**
PM10_STREX	0.000113	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**1.0776E-05**
PM25_IDLEX	0	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0**
PM25_PMBW	0.03822	0.032660299	0.034416401	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.029536346**
PM25_PMTW	0.002	0.007734642	0.007376253	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.006328639**
PM25_RUNEX	0.000515	0.006722049	0.002953412	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.005384588**
PM25_STREX	0.000104	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**9.90813E-06**
ROG_DIURN	0.017442	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.001212612**
ROG_HTSK	0.051428	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.004917423**
ROG_IDLEX	0	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0**
ROG_RESTL	0.012013	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.00028716**
ROG_RUNEX	0.011114	0.002307436	0.082385894	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.002881616**
ROG_RUNLS	0.21546	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.020601777**
ROG_STREX	0.1029	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.009839004**
SO2_IDLEX	0	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0**
SO2_RUNEX	0.011953	0.015982683	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.013816156**
SO2_STREX	0.000319	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**3.04997E-05**
TOG_DIURN	0.017442	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.001212612**
TOG_HTSK	0.051428	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.004917423**
TOG_IDLEX	0	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0**
TOG_RESTL	0.012013	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.00028716**
TOG_RUNEX	0.016217	0.16481687	5.884706723	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.132362221**
TOG_RUNLS	0.21546	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.020601777**
TOG_STREX	0.112662	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.010772471**
CH4_IDLEX	0	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0**
CH4_RUNEX	0.003971	0.161494389	5.766079173	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.128567888**
CH4_STREX	0.024356	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.002328899**
CO_IDLEX	0	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0**
CO_RUNEX	0.159156	0.265314536	44.25766037	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.225640701**
CO_STREX	1.900665	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.181736892**
CO2_NBIO_IDLEX	0	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0**
CO2_NBIO_RUNEX	1207.865	1690.645799	1881.837352	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**1456.133976**
CO2_NBIO_STREX	31.54637	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**3.016385648**
NOX_IDLEX	0	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0**
NOX_RUNEX	0.093657	2.366730285	0.450873223	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**1.887536561**
NOX_STREX	0.400404	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.038285642**
PM10_IDLEX	0	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0**
PM10_PMBW	0.08918	0.076207364	0.080304935	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.068918141**
PM10_PMTW	0.008	0.030938567	0.029505014	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.025314557**
PM10_RUNEX	0.00056	0.00702599	0.003086953	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.005630118**
PM10_STREX	0.000113	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**1.0776E-05**
PM25_IDLEX	0	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0**
PM25_PMBW	0.03822	0.032660299	0.034416401	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.029536346**
PM25_PMTW	0.002	0.007734642	0.007376253	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.006328639**
PM25_RUNEX	0.000515	0.006722049	0.002953412	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.005384588**
PM25_STREX	0.000104	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**9.90813E-06**
ROG_DIURN	0.042881	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.002981181**
ROG_HTSK	0.056602	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.005412159**
ROG_IDLEX	0	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0**
ROG_RESTL	0.026643	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.000636885**
ROG_RUNEX	0.011511	0.002307436	0.082385894	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.002919186**
ROG_RUNLS	0.204925	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.019594463**
ROG_STREX	0.090699	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.008672452**
SO2_IDLEX	0	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0**
SO2_RUNEX	0.011953	0.015982683	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.013816166**
SO2_STREX	0.000312	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**2.98496E-05**
TOG_DIURN	0.042881	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.002981181**
TOG_HTSK	0.056602	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.005412159**
TOG_IDLEX	0	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0**
TOG_RESTL	0.026643	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.000636885**
TOG_RUNEX	0.016797	0.16481687	5.884706723	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.132417045**
TOG_RUNLS	0.204925	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.019594463**
TOG_STREX	0.099304	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.009495244**

CH4_IDLEX	0	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0**
CH4_RUNEX	0.003726	0.161494389	5.766079173	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.128544759**
CH4_STREX	0.030081	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.002876252**
CO_IDLEX	0	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0**
CO_RUNEX	0.149436	0.265314536	44.25766037	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.224722468**
CO_STREX	2.648429	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.253236191**
CO2_NBIO_IDLEX	0	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0**
CO2_NBIO_RUNEX	1207.846	1690.645799	1881.837352	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**1456.13223**
CO2_NBIO_STREX	32.80307	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**3.136548368**
NOX_IDLEX	0	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0**
NOX_RUNEX	0.112734	2.366730285	0.450873223	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**1.88933883**
NOX_STREX	0.462932	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.044264437**
PM10_IDLEX	0	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0**
PM10_PMBW	0.08918	0.076207364	0.080304935	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.068918141**
PM10_PMTW	0.008	0.030938567	0.029505014	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.025314557**
PM10_RUNEX	0.00056	0.00702599	0.003086953	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.005630118**
PM10_STREX	0.000113	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**1.0776E-05**
PM25_IDLEX	0	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0**
PM25_PMBW	0.03822	0.032660299	0.034416401	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.029536346**
PM25_PMTW	0.002	0.007734642	0.007376253	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.006328639**
PM25_RUNEX	0.000515	0.006722049	0.002953412	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.005384588**
PM25_STREX	0.000104	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**9.90813E-06**
ROG_DIURN	0.007562	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.000525757**
ROG_HTSK	0.052321	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.005002761**
ROG_IDLEX	0	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0**
ROG_RESTL	0.005651	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.000135091**
ROG_RUNEX	0.010798	0.002307436	0.082385894	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.002851797**
ROG_RUNLS	0.24788	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.023701717**
ROG_STREX	0.111983	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.010707526**
SO2_IDLEX	0	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0**
SO2_RUNEX	0.011953	0.015982683	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.013816149**
SO2_STREX	0.000325	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**3.10387E-05**
TOG_DIURN	0.007562	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.000525757**
TOG_HTSK	0.052321	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.005002761**
TOG_IDLEX	0	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0**
TOG_RESTL	0.005651	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.000135091**
TOG_RUNEX	0.015757	0.16481687	5.884706723	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.132318711**
TOG_RUNLS	0.24788	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.023701717**
TOG_STREX	0.122607	0	0	0	25.24671	205.757081	0	33.03468773	2465.328	20713.56623	0	2915.60476	100.9868	823.0283242	0	132.138751	**0.011723393**

MCY CalEEMod Emission Rate Worksheet

Vehicle Class: MCY

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	MCY Gas	MCY DSL	MCY NG	MCY Gas	MCY DSL	MCY NG	MCY Gas	MCY DSL	MCY NG	Rate
CH4_IDLEX	0	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0**
CH4_RUNEX	0.343487285	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.343487285**
CH4_STREX	0.262849611	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.262849611**
CO_IDLEX	0	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0**
CO_RUNEX	21.25241805	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**21.25241805**
CO_STREX	8.98919352	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**8.98919352**
CO2_NBIO_IDLEX	0	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0**
CO2_NBIO_RUNEX	213.9516702	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**213.9516702**
CO2_NBIO_STREX	62.77916062	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**62.77916062**
NOX_IDLEX	0	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0**
NOX_RUNEX	1.17508281	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**1.17508281**
NOX_STREX	0.272336539	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.272336539**
PM10_IDLEX	0	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0**
PM10_PMBW	0.011760003	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.011760003**
PM10_PMTW	0.004000001	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.004000001**
PM10_RUNEX	0.001935013	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.001935013**
PM10_STREX	0.003328478	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.003328478**
PM25_IDLEX	0	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0**
PM25_PMBW	0.005040001	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.005040001**
PM25_PMTW	0.001	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.001**
PM25_RUNEX	0.001813436	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.001813436**
PM25_STREX	0.003143424	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.003143424**
ROG_DIURN	1.797207546	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.898603773**
ROG_HTSK	0.785670594	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.785670594**
ROG_IDLEX	0	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0**
ROG_RESTL	1.14851731	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.574258655**
ROG_RUNEX	2.362953824	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**2.362953824**
ROG_RUNLS	2.312917517	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**2.312917517**
ROG_STREX	2.015223276	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**2.015223276**
SO2_IDLEX	0	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0**
SO2_RUNEX	0.002117225	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.002117225**
SO2_STREX	0.000621251	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.000621251**
TOG_DIURN	1.797207546	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.898603773**
TOG_HTSK	0.785670594	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.785670594**
TOG_IDLEX	0	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0**
TOG_RESTL	1.14851731	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.574258655**
TOG_RUNEX	2.889916219	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**2.889916219**
TOG_RUNLS	2.312917517	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**2.312917517**
TOG_STREX	2.192129909	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**2.192129909**
CH4_IDLEX	0	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0**
CH4_RUNEX	0.331672446	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.331672446**
CH4_STREX	0.215191462	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.215191462**
CO_IDLEX	0	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0**
CO_RUNEX	20.40035369	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**20.40035369**
CO_STREX	7.796174193	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**7.796174193**
CO2_NBIO_IDLEX	0	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0**
CO2_NBIO_RUNEX	212.2247434	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**212.2247434**
CO2_NBIO_STREX	59.60538072	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**59.60538072**
NOX_IDLEX	0	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0**
NOX_RUNEX	1.026915976	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**1.026915976**
NOX_STREX	0.247314417	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.247314417**
PM10_IDLEX	0	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0**
PM10_PMBW	0.011760003	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.011760003**
PM10_PMTW	0.004000001	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.004000001**
PM10_RUNEX	0.001935013	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.001935013**
PM10_STREX	0.003328478	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.003328478**
PM25_IDLEX	0	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0**
PM25_PMBW	0.005040001	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.005040001**
PM25_PMTW	0.001	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.001**
PM25_RUNEX	0.001813436	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.001813436**
PM25_STREX	0.003143424	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.003143424**
ROG_DIURN	5.291938797	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**2.645969398**
ROG_HTSK	1.117671414	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**1.117671414**
ROG_IDLEX	0	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0**
ROG_RESTL	3.495875262	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**1.747937631**
ROG_RUNEX	2.256018935	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**2.256018935**
ROG_RUNLS	2.19357443	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**2.19357443**
ROG_STREX	1.628983136	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**1.628983136**
SO2_IDLEX	0	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0**
SO2_RUNEX	0.002100136	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.002100136**
SO2_STREX	0.000589844	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.000589844**
TOG_DIURN	5.291938797	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**2.645969398**
TOG_HTSK	1.117671414	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**1.117671414**
TOG_IDLEX	0	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0**
TOG_RESTL	3.495875262	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**1.747937631**
TOG_RUNEX	2.763439473	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**2.763439473**
TOG_RUNLS	2.19357443	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**2.19357443**
TOG_STREX	1.772097163	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**1.772097163**

CH4_IDLEX	0	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0**
CH4_RUNEX	0.357886319	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.357886319**
CH4_STREX	0.308964555	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.308964555**
CO_IDLEX	0	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0**
CO_RUNEX	23.28257673	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**23.28257673**
CO_STREX	10.41474042	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**10.41474042**
CO2_NBIO_IDLEX	0	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0**
CO2_NBIO_RUNEX	217.6205681	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**217.6205681**
CO2_NBIO_STREX	66.31282745	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**66.31282745**
NOX_IDLEX	0	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0**
NOX_RUNEX	1.267540466	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**1.267540466**
NOX_STREX	0.293481894	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.293481894**
PM10_IDLEX	0	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0**
PM10_PMBW	0.011760003	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.011760003**
PM10_PMTW	0.004000001	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.004000001**
PM10_RUNEX	0.001935013	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.001935013**
PM10_STREX	0.003328478	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.003328478**
PM25_IDLEX	0	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0**
PM25_PMBW	0.005040001	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.005040001**
PM25_PMTW	0.001	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.001**
PM25_RUNEX	0.001813436	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.001813436**
PM25_STREX	0.003143424	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.003143424**
ROG_DIURN	0.352034514	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.176017257**
ROG_HTSK	0.905045724	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.905045724**
ROG_IDLEX	0	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0**
ROG_RESTL	0.353079744	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.176539872**
ROG_RUNEX	2.490375923	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**2.490375923**
ROG_RUNLS	2.724978062	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**2.724978062**
ROG_STREX	2.398900448	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**2.398900448**
SO2_IDLEX	0	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0**
SO2_RUNEX	0.002153532	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.002153532**
SO2_STREX	0.000656219	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.000656219**
TOG_DIURN	0.352034514	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.176017257**
TOG_HTSK	0.905045724	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.905045724**
TOG_IDLEX	0	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0**
TOG_RESTL	0.353079744	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**0.176539872**
TOG_RUNEX	3.041495367	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**3.041495367**
TOG_RUNLS	2.724978062	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**2.724978062**
TOG_STREX	2.609338888	0	0	19602.9938	0	0	150431.844	0	0	39205.9876	0	0	**2.609338888**

SBUS CalEEMod Emission Rate Worksheet

Vehicle Class: SBUS

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	SBUS Gas	SBUS DSL	SBUS NG	SBUS Gas	SBUS DSL	SBUS NG	SBUS Gas	SBUS DSL	SBUS NG	**Rate**
CH4_IDLEX	2.489046094	0.012730496	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.013908507**
CH4_RUNEX	0.009636035	0.002578142	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.003192608**
CH4_STREX	0.05845747	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.001205115**
CO_IDLEX	82.24087757	8.257938682	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**1.124702867**
CO_RUNEX	0.998461379	0.179265314	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.250585274**
CO_STREX	8.613843811	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.177576499**
CO2_NBIO_IDLEX	2515.297733	3518.002898	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**311.5352763**
CO2_NBIO_RUNEX	840.8039604	1060.655941	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**1041.515426**
CO2_NBIO_STREX	47.68130923	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.982961865**
NOX_IDLEX	0.9265304	30.1800886	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**2.566150709**
NOX_RUNEX	0.32229401	3.751403255	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**3.452861859**
NOX_STREX	0.488080764	1.38023972	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**1.361847645**
PM10_IDLEX	0	0.024644977	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.002091612**
PM10_PMBW	0.744800204	0.744800213	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.744800213**
PM10_PMTW	0.008000002	0.012000003	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.01165176**
PM10_RUNEX	0.001391963	0.022203122	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.020391283**
PM10_STREX	0.000628871	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**1.29643E-05**
PM25_IDLEX	0	0.023578846	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.00200113**
PM25_PMBW	0.319200087	0.319200091	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.319200091**
PM25_PMTW	0.002000001	0.003000001	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.00291294**
PM25_RUNEX	0.001279859	0.021242625	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.019504648**
PM25_STREX	0.000578223	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**1.19202E-05**
ROG_DIURN	0.013138282	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**6.77122E-05**
ROG_HTSK	0.032661776	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.000673331**
ROG_IDLEX	10.64151815	0.274084082	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.078105814**
ROG_RESTL	0.006257806	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**3.22515E-05**
ROG_RUNEX	0.046308018	0.055506684	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.05470584**
ROG_RUNLS	0.207597823	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.00427968**
ROG_STREX	0.326118593	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.006723015**
SO2_IDLEX	0.02489091	0.033236347	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.002949042**
SO2_RUNEX	0.008320437	0.010020551	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.009872538**
SO2_STREX	0.000471845	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**9.7272E-06**
TOG_DIURN	0.013138282	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**6.77122E-05**
TOG_HTSK	0.032661776	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.000673331**
TOG_IDLEX	15.5280783	0.312023864	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.106510161**
TOG_RESTL	0.006257806	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**3.22515E-05**
TOG_RUNEX	0.067572551	0.063190135	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.063571672**
TOG_RUNLS	0.207597823	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.00427968**
TOG_STREX	0.35705881	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.007360855**
CH4_IDLEX	2.492704199	0.012962773	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.013947074**
CH4_RUNEX	0.009997233	0.002578142	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.003224055**
CH4_STREX	0.047403793	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.000977241**
CO_IDLEX	82.24087757	7.90296131	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**1.094576039**
CO_RUNEX	1.036287755	0.179265314	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.253878473**
CO_STREX	5.940840472	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.122471881**
CO2_NBIO_IDLEX	2515.297733	3568.629345	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**315.8319285**
CO2_NBIO_RUNEX	840.8715966	1060.655941	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**1041.521314**
CO2_NBIO_STREX	43.23636625	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.891328277**
NOX_IDLEX	0.9265304	30.38335327	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**2.583401724**
NOX_RUNEX	0.284822669	3.606782496	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**3.317569627**
NOX_STREX	0.445819637	1.38023972	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**1.360976422**
PM10_IDLEX	0	0.020911785	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.001774777**
PM10_PMBW	0.744800204	0.744800213	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.744800213**
PM10_PMTW	0.008000002	0.012000003	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.01165176**
PM10_RUNEX	0.001391963	0.022203122	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.020391283**
PM10_STREX	0.000628871	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**1.29643E-05**
PM25_IDLEX	0	0.020007151	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.001698001**
PM25_PMBW	0.319200087	0.319200091	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.319200091**
PM25_PMTW	0.002000001	0.003000001	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.00291294**
PM25_RUNEX	0.001279859	0.021242625	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.019504648**
PM25_STREX	0.000578223	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**1.19202E-05**
ROG_DIURN	0.0337106	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.000173738**
ROG_HTSK	0.035057847	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.000722726**
ROG_IDLEX	10.64151815	0.279084946	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.078530236**
ROG_RESTL	0.015785826	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**8.13572E-05**
ROG_RUNEX	0.048088614	0.055506684	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.05486086**
ROG_RUNLS	0.177535242	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.003659932**
ROG_STREX	0.264142249	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.005445357**
SO2_IDLEX	0.02489091	0.033714641	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.002989635**
SO2_RUNEX	0.008321106	0.010020551	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.009872596**
SO2_STREX	0.000427859	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**8.82042E-06**
TOG_DIURN	0.0337106	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.000173738**
TOG_HTSK	0.035057847	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.000722726**
TOG_IDLEX	15.5280783	0.317716967	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.106993333**
TOG_RESTL	0.015785826	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**8.13572E-05**
TOG_RUNEX	0.070170792	0.063190135	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.063797877**
TOG_RUNLS	0.177535242	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.003659932**
TOG_STREX	0.289202514	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.005961981**

CH4_IDLEX	2.486499441	0.012409732	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.013868159**
CH4_RUNEX	0.009359917	0.002578142	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.003168569**
CH4_STREX	0.066402152	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.001368897**
CO_IDLEX	82.24087757	8.748145529	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**1.166306583**
CO_RUNEX	0.970165997	0.179265314	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.248121852**
CO_STREX	10.76187949	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.221858781**
CO2_NBIO_IDLEX	2515.297733	3448.090186	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**305.6018042**
CO2_NBIO_RUNEX	840.7532304	1060.655941	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**1041.511009**
CO2_NBIO_STREX	51.23587173	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**1.056240041**
NOX_IDLEX	0.9265304	29.89938976	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**2.542327879**
NOX_RUNEX	0.345728902	3.811180299	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**3.509474922**
NOX_STREX	0.520504975	1.38023972	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**1.362516078**
PM10_IDLEX	0	0.029800336	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.002529146**
PM10_PMBW	0.744800204	0.744800213	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.744800213**
PM10_PMTW	0.008000002	0.012000003	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.01165176**
PM10_RUNEX	0.001391963	0.022203122	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.020391283**
PM10_STREX	0.000628871	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**1.29643E-05**
PM25_IDLEX	0	0.028511187	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.002419736**
PM25_PMBW	0.319200087	0.319200091	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.319200091**
PM25_PMTW	0.002000001	0.003000001	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.00291294**
PM25_RUNEX	0.001279859	0.021242625	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.019504648**
PM25_STREX	0.000578223	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**1.19202E-05**
ROG_DIURN	0.005150577	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**2.65451E-05**
ROG_HTSK	0.033270874	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.000685887**
ROG_IDLEX	10.64151815	0.267178128	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.077519707**
ROG_RESTL	0.002747243	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**1.41588E-05**
ROG_RUNEX	0.044944557	0.055506684	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.054587136**
ROG_RUNLS	0.266921115	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.005502644**
ROG_STREX	0.370735934	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.007642812**
SO2_IDLEX	0.02489091	0.032575846	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.002892986**
SO2_RUNEX	0.008319935	0.010020551	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.009872494**
SO2_STREX	0.00050702	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**1.04524E-05**
TOG_DIURN	0.005150577	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**2.65451E-05**
TOG_HTSK	0.033270874	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.000685887**
TOG_IDLEX	15.5280783	0.30416196	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.105842923**
TOG_RESTL	0.002747243	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**1.41588E-05**
TOG_RUNEX	0.065582992	0.063190135	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.063398459**
TOG_RUNLS	0.266921115	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.005502644**
TOG_STREX	0.405909182	0	0	45.5459064	750.0212904	0	2353.339751	24677.61545	0	182.1836256	8655.141704	0	**0.008367917**

MH CalEEMod Emission Rate Worksheet

Vehicle Class: MH

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	MH Gas	MH DSL	MH NG	MH Gas	MH DSL	MH NG	MH Gas	MH DSL	MH NG	**Rate**
CH4_IDLEX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
CH4_RUNEX	0.00565475	0.00565475	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0.00565475**
CH4_STREX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
CO_IDLEX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
CO_RUNEX	0.446590526	0.446590526	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0.446590526**
CO_STREX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
CO2_NBIO_IDLEX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
CO2_NBIO_RUNEX	1042.53066	1042.53066	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**1042.53066**
CO2_NBIO_STREX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
NOX_IDLEX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
NOX_RUNEX	4.797686458	4.797686458	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**4.797686458**
NOX_STREX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
PM10_IDLEX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0.016000005**
PM10_RUNEX	0.11963688	0.11963688	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0.11963688**
PM10_STREX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
PM25_IDLEX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0.004000001**
PM25_RUNEX	0.114461441	0.114461441	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0.114461441**
PM25_STREX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
ROG_DIURN	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
ROG_HTSK	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
ROG_IDLEX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
ROG_RESTL	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
ROG_RUNEX	0.121743428	0.121743428	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0.121743428**
ROG_RUNLS	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
ROG_STREX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
SO2_IDLEX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
SO2_RUNEX	0.009855664	0.009855664	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0.009855664**
SO2_STREX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
TOG_DIURN	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
TOG_HTSK	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
TOG_IDLEX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
TOG_RESTL	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
TOG_RUNEX	0.138596799	0.138596799	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0.138596799**
TOG_RUNLS	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
TOG_STREX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
CH4_IDLEX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
CH4_RUNEX	0.00565475	0.00565475	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0.00565475**
CH4_STREX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
CO_IDLEX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
CO_RUNEX	0.446590526	0.446590526	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0.446590526**
CO_STREX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
CO2_NBIO_IDLEX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
CO2_NBIO_RUNEX	1042.53066	1042.53066	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**1042.53066**
CO2_NBIO_STREX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
NOX_IDLEX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
NOX_RUNEX	4.618465803	4.618465803	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**4.618465803**
NOX_STREX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
PM10_IDLEX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0.016000005**
PM10_RUNEX	0.11963688	0.11963688	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0.11963688**
PM10_STREX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
PM25_IDLEX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0.004000001**
PM25_RUNEX	0.114461441	0.114461441	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0.114461441**
PM25_STREX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
ROG_DIURN	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
ROG_HTSK	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
ROG_IDLEX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
ROG_RESTL	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
ROG_RUNEX	0.121743428	0.121743428	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0.121743428**
ROG_RUNLS	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
ROG_STREX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
SO2_IDLEX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
SO2_RUNEX	0.009855664	0.009855664	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0.009855664**
SO2_STREX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
TOG_DIURN	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
TOG_HTSK	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
TOG_IDLEX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
TOG_RESTL	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
TOG_RUNEX	0.138596799	0.138596799	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0.138596799**
TOG_RUNLS	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
TOG_STREX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**

CH4_IDLEX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
CH4_RUNEX	0.00565475	0.00565475	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0.00565475**
CH4_STREX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
CO_IDLEX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
CO_RUNEX	0.446590526	0.446590526	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0.446590526**
CO_STREX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
CO2_NBIO_IDLEX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
CO2_NBIO_RUNEX	1042.53066	1042.53066	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**1042.53066**
CO2_NBIO_STREX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
NOX_IDLEX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
NOX_RUNEX	4.871013675	4.871013675	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**4.871013675**
NOX_STREX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
PM10_IDLEX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0.016000005**
PM10_RUNEX	0.11963688	0.11963688	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0.11963688**
PM10_STREX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
PM25_IDLEX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0.004000001**
PM25_RUNEX	0.114461441	0.114461441	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0.114461441**
PM25_STREX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
ROG_DIURN	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
ROG_HTSK	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
ROG_IDLEX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
ROG_RESTL	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
ROG_RUNEX	0.121743428	0.121743428	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0.121743428**
ROG_RUNLS	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
ROG_STREX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
SO2_IDLEX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
SO2_RUNEX	0.009855664	0.009855664	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0.009855664**
SO2_STREX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
TOG_DIURN	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
TOG_HTSK	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
TOG_IDLEX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
TOG_RESTL	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
TOG_RUNEX	0.138596799	0.138596799	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0.138596799**
TOG_RUNLS	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**
TOG_STREX	0	0	0	2004.023618	766.011716	0	17937.69549	7144.101476	0	200.4825227	76.6011716	0	**0**

EMFAC2017 Derived CalEEMod Annual Emission Rates: Year 2023[1,2]

Season	Pollutant	LDA	LDT1	LDT2	MDV	LHDT1	LHDT2	MHDT	HHDT	OBUS	UBUS	MCY	SBUS	MH
Annual	CH4_IDLEX	0	0	0	0	0.0048932	0.002977987	0.003916142	0.024494252	0.0088672	0	0	0.0154552	0
Annual	CH4_RUNEX	0.0020228	0.0044469	0.0031682	0.0043493	0.0091092	0.007250363	0.002391053	0.047087999	0.0102183	0.1176214	0.3384416	0.0027562	0.0054095
Annual	CH4_STREX	0.050643	0.0713164	0.0685734	0.0846599	0.0146389	0.00782803	0.010610137	4.12263E-07	0.026486	0.0016376	0.2598584	0.001282	0
Annual	CO_IDLEX	0	0	0	0	0.176954	0.132972405	0.430965779	6.292008914	0.4963686	0	0	1.2224776	0
Annual	CO_RUNEX	0.562864	0.9690345	0.7556469	0.9095156	0.8352727	0.669217092	0.308555642	0.399297482	1.123336	0.2084454	20.362909	0.2251533	0.4204376
Annual	CO_STREX	2.2316213	2.4361155	2.8332711	3.2828859	1.0229255	0.567636426	1.266960657	0.005214014	2.9826246	0.2688349	9.0447617	0.1875008	0
Annual	CO2_NBIO_IDLEX	0	0	0	0	9.1880904	14.44445156	85.10671831	1056.371736	64.628996	0	0	303.15974	0
Annual	CO2_NBIO_RUNEX	250.7353	300.22247	322.32007	397.99626	789.2858	766.7290195	1121.576359	1430.591018	1529.1817	1403.4871	213.56424	1006.1475	1022.72
Annual	CO2_NBIO_STREX	53.118057	64.415313	69.420222	85.099301	11.04573	7.19894589	10.3338722	0.043045014	22.281973	2.7871354	62.057915	1.0627534	0
Annual	NOX_IDLEX	0	0	0	0	0.0717897	0.10956027	0.538311249	5.38717689	0.2255739	0	0	2.3251579	0
Annual	NOX_RUNEX	0.034191	0.0824064	0.0646628	0.0932804	1.048239	1.09650922	1.473658811	2.653022201	1.1291645	1.6700507	1.1672898	2.951186	4.4700562
Annual	NOX_STREX[3]	0.1862039	0.2565651	0.278479	0.3563587	0.3127818	0.175182701	1.656850909	2.352351039	0.6726398	0.0291582	0.2725759	1.4992349	0
Annual	PM10_IDLEX	0	0	0	0	0.0009192	0.00146567	0.000548015	0.002705658	7.584E-05	0	0	0.0016814	0
Annual	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060824009	0.13034	0.0673257	0.01176	0.7448002	0.13034
Annual	PM10_PMTW	0.008	0.008	0.008	0.008	0.0098841	0.01083315	0.012000003	0.03545771	0.012	0.025058	0.004	0.0116186	0.016
Annual	PM10_RUNEX	0.0013983	0.0017789	0.0013862	0.0015306	0.0134094	0.017886425	0.007158525	0.024626822	0.0057659	0.0055088	0.0020047	0.0175774	0.106954
Annual	PM10_STREX	0.0018034	0.0023548	0.0017475	0.0018923	0.0002396	0.000115377	0.000132752	7.50787E-07	0.0002075	4.633E-05	0.0031442	1.517E-05	0
Annual	PM25_IDLEX	0	0	0	0	0.0008795	0.001402266	0.000524308	0.002588612	7.256E-05	0	0	0.0016087	0
Annual	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.026067433	0.05586	0.0288539	0.00504	0.3192001	0.05586
Annual	PM25_PMTW	0.002	0.002	0.002	0.002	0.002471	0.002708287	0.003000001	0.008864427	0.003	0.0062645	0.001	0.0029047	0.004
Annual	PM25_RUNEX	0.0012882	0.0016369	0.0012759	0.0014119	0.0127834	0.017089728	0.006841113	0.023561453	0.0054931	0.0052626	0.0018756	0.0168119	0.1023273
Annual	PM25_STREX	0.0016582	0.0021653	0.0016068	0.0017401	0.0002203	0.000106085	0.000122061	6.90321E-07	0.0001908	4.26E-05	0.0029627	1.395E-05	0
Annual	ROG_DIURN	0.0406779	0.0928109	0.0603421	0.0738576	0.0018541	0.000855477	0.000441168	2.28393E-06	0.0016902	0.0002706	0.8953657	7.617E-05	0
Annual	ROG_HTSK	0.1003777	0.1900587	0.1263594	0.1542393	0.0754011	0.035748485	0.022094258	0.000107335	0.0279361	0.00062	0.7610221	0.0007334	0
Annual	ROG_IDLEX	0	0	0	0	0.0207345	0.015433488	0.020484639	0.426037928	0.0469864	0	0	0.0844394	0
Annual	ROG_RESTL	0.039787	0.0829525	0.0638177	0.080109	0.0010519	0.000500868	0.000249322	1.40865E-06	0.0008175	4.484E-05	0.5663666	3.628E-05	0
Annual	ROG_RUNEX	0.0077171	0.0190969	0.0125524	0.0182226	0.1057573	0.119328159	0.019702683	0.025389061	0.0535359	0.0023845	2.3076831	0.0468934	0.1164629
Annual	ROG_RUNLS	0.2168214	0.68698	0.4389564	0.4952058	0.5363571	0.231576627	0.124987995	0.000587186	0.2988808	0.0015249	2.1573741	0.0046677	0
Annual	ROG_STREX	0.2276357	0.3528214	0.3157359	0.417806	0.073777	0.038829586	0.056693741	2.15504E-06	0.139741	0.0057605	1.988775	0.0071278	0
Annual	SO2_IDLEX	0	0	0	0	8.895E-05	0.000137934	0.000807228	0.009831304	0.0006176	0	0	0.0028705	0
Annual	SO2_RUNEX	0.0024497	0.0029339	0.0031492	0.0038864	0.0076961	0.007395178	0.010709305	0.013099834	0.0149045	0.0133117	0.0021134	0.0095406	0.0096684
Annual	SO2_STREX	0.0005191	0.0006295	0.0006784	0.0008316	0.0001093	7.12394E-05	0.000102262	4.25965E-07	0.0002205	2.758E-05	0.0006141	1.052E-05	0
Annual	TOG_DIURN	0.0407023	0.0928666	0.0603783	0.0739019	0.0018541	0.000855477	0.000441168	2.28393E-06	0.0016902	0.0002706	0.8953657	7.617E-05	0
Annual	TOG_HTSK	0.1004378	0.1901727	0.1264352	0.1543318	0.0754011	0.035748485	0.022094258	0.000107335	0.0279361	0.00062	0.7610221	0.0007334	0
Annual	TOG_IDLEX	0	0	0	0	0.0290881	0.020663595	0.027692569	0.489743541	0.0633776	0	0	0.1158408	0
Annual	TOG_RESTL	0.0398109	0.0830023	0.063856	0.080157	0.0010519	0.000500868	0.000249322	1.40865E-06	0.0008175	4.484E-05	0.5663666	3.628E-05	0
Annual	TOG_RUNEX	0.0112241	0.0278656	0.0182942	0.0264867	0.1286902	0.138924652	0.025380666	0.075109326	0.076333	0.1208098	2.8426954	0.0545184	0.1325853
Annual	TOG_RUNLS	0.2169515	0.6873922	0.4392198	0.495503	0.5363571	0.231576627	0.124987995	0.000587186	0.2988808	0.0015249	2.1573741	0.0046677	0
Annual	TOG_STREX	0.2494062	0.3865647	0.3459328	0.4577618	0.0807766	0.042513509	0.06207251	2.35949E-06	0.1529988	0.006307	2.1639009	0.007804	0
Summer	CH4_IDLEX	0	0	0	0	0.0049091	0.00298695	0.003690141	0.025856211	0.0089434	0	0	0.0155054	0
Summer	CH4_RUNEX	0.0023342	0.0050718	0.0036373	0.0049841	0.0093366	0.007332118	0.002467431	0.047089534	0.010602	0.1176304	0.3279409	0.0027842	0.0054095
Summer	CH4_STREX	0.0416205	0.0581139	0.0562408	0.0693466	0.0137234	0.007339819	0.009925926	3.82013E-07	0.0246127	0.0014427	0.2134818	0.0010396	0
Summer	CO_IDLEX	0	0	0	0	0.176954	0.132972405	0.36128622	6.20179734	0.4930134	0	0	1.1957588	0

Summer	CO_RUNEX	0.6862377	1.1637514	0.9150063	1.0965767	0.8545542	0.675808185	0.316425331	0.399895352	1.1636677	0.2089667	19.588108	0.2279944	0.4204376
Summer	CO_STREX	1.7041278	1.854187	2.1581318	2.491635	0.939848	0.522120935	1.153757082	0.004748354	2.6822355	0.2213627	7.8059006	0.1293166	0
Summer	CO2_NBIO_IDLEX	0	0	0	0	9.1880904	14.44445156	85.48050322	1044.5652	63.969286	0	0	305.96249	0
Summer	CO2_NBIO_RUNEX	273.66979	323.93112	345.3813	422.1414	789.32148	766.7410686	1121.59038	1430.592004	1529.2538	1403.488	211.99869	1006.1526	1022.72
Summer	CO2_NBIO_STREX	52.124741	63.24668	68.131971	83.557147	10.897602	7.118168844	10.14134162	0.04230641	21.771417	2.7095958	58.848334	0.9659801	0
Summer	NOX_IDLEX	0	0	0	0	0.0717897	0.10956027	0.531991352	5.151669952	0.2144151	0	0	2.326409	0
Summer	NOX_RUNEX	0.0308835	0.0736922	0.0581166	0.0838086	1.0023506	1.053652262	1.413823579	2.557005484	1.0608853	1.6696062	1.0208876	2.8354118	4.3030069
Summer	NOX_STREX[3]	0.1638418	0.2257688	0.2450464	0.313556	0.2895795	0.162190353	1.64935003	2.352318011	0.6510025	0.0268851	0.2477457	1.4982808	0
Summer	PM10_IDLEX	0	0	0	0	0.0009192	0.00146567	0.000465567	0.002363738	6.739E-05	0	0	0.0014296	0
Summer	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060824009	0.13034	0.0673257	0.01176	0.7448002	0.13034
Summer	PM10_PMTW	0.008	0.008	0.008	0.008	0.0098841	0.01083315	0.012000003	0.03545771	0.012	0.025058	0.004	0.0116186	0.016
Summer	PM10_RUNEX	0.0013983	0.0017789	0.0013862	0.0015306	0.0134094	0.017886425	0.007158525	0.024626822	0.0057659	0.0055088	0.0020047	0.0175774	0.106954
Summer	PM10_STREX	0.0018034	0.0023548	0.0017475	0.0018923	0.0002396	0.000115377	0.000132752	7.50787E-07	0.0002075	4.633E-05	0.0031442	1.517E-05	0
Summer	PM25_IDLEX	0	0	0	0	0.0008795	0.001402266	0.000445427	0.002261484	6.448E-05	0	0	0.0013678	0
Summer	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.026067433	0.05586	0.0288539	0.00504	0.3192001	0.05586
Summer	PM25_PMTW	0.002	0.002	0.002	0.002	0.002471	0.002708287	0.003000001	0.008864427	0.003	0.0062645	0.001	0.0029047	0.004
Summer	PM25_RUNEX	0.0012882	0.0016369	0.0012759	0.0014119	0.0127834	0.017089728	0.006841113	0.023561453	0.0054931	0.0052626	0.0018756	0.0168119	0.1023273
Summer	PM25_STREX	0.0016582	0.0021653	0.0016068	0.0017401	0.0002203	0.000106085	0.000122061	6.90321E-07	0.0001908	4.26E-05	0.0029627	1.395E-05	0
Summer	ROG_DIURN	0.1049294	0.2430984	0.1527305	0.1856824	0.0047388	0.002177402	0.001163503	6.88871E-06	0.0041437	0.0008344	2.6341237	0.0001953	0
Summer	ROG_HTSK	0.113836	0.2246293	0.1428505	0.1724944	0.0867383	0.041256485	0.025714746	0.000123418	0.0299238	0.0010353	1.096566	0.0007871	0
Summer	ROG_IDLEX	0	0	0	0	0.0207345	0.015433488	0.019731673	0.45055377	0.0479556	0	0	0.0850636	0
Summer	ROG_RESTL	0.09068	0.1917316	0.1420256	0.1776072	0.002441	0.001160091	0.00061451	4.15349E-06	0.001872	0.0001574	1.7238077	9.109E-05	0
Summer	ROG_RUNEX	0.0087462	0.0215079	0.0141916	0.0205499	0.106945	0.11969959	0.020061292	0.025398028	0.0554342	0.0024098	2.212677	0.0470293	0.1164629
Summer	ROG_RUNLS	0.2057466	0.6435414	0.4122965	0.466681	0.5231472	0.225745391	0.121898106	0.000588159	0.2926008	0.0014255	2.0435969	0.0039872	0
Summer	ROG_STREX	0.1838135	0.2830547	0.2546743	0.3367243	0.0688779	0.036258044	0.052792651	2.00675E-06	0.1294874	0.0050775	1.6137819	0.0057732	0
Summer	SO2_IDLEX	0	0	0	0	8.895E-05	0.000137934	0.000810921	0.009720717	0.0006113	0	0	0.0028969	0
Summer	SO2_RUNEX	0.0026738	0.0031656	0.0033746	0.0041224	0.0076964	0.007395298	0.010709444	0.013099844	0.0149052	0.0133117	0.0020979	0.0095407	0.0096684
Summer	SO2_STREX	0.0005094	0.0006181	0.0006658	0.0008166	0.0001078	7.04401E-05	0.000100357	4.18656E-07	0.0002154	2.681E-05	0.0005824	9.559E-06	0
Summer	TOG_DIURN	0.1049922	0.2432442	0.1528221	0.1857937	0.0047388	0.002177402	0.001163503	6.88871E-06	0.0041437	0.0008344	2.6341237	0.0001953	0
Summer	TOG_HTSK	0.1139042	0.224764	0.1429362	0.1725978	0.0867383	0.041256485	0.025714746	0.000123418	0.0299238	0.0010353	1.096566	0.0007871	0
Summer	TOG_IDLEX	0	0	0	0	0.0290881	0.020663595	0.026524316	0.517877182	0.064481	0	0	0.1165513	0
Summer	TOG_RESTL	0.0907344	0.1918466	0.1421108	0.1777137	0.002441	0.001160091	0.00061451	4.15349E-06	0.001872	0.0001574	1.7238077	9.109E-05	0
Summer	TOG_RUNEX	0.0127266	0.0313858	0.0206876	0.0298824	0.1304233	0.139466643	0.025903947	0.075122409	0.079103	0.1208468	2.7292542	0.0547167	0.1325853
Summer	TOG_RUNLS	0.2058701	0.6439275	0.4125439	0.466961	0.5231472	0.225745391	0.121898106	0.000588159	0.2926008	0.0014255	2.0435969	0.0039872	0
Summer	TOG_STREX	0.201393	0.3101257	0.2790313	0.3689264	0.0754127	0.039697994	0.057801308	2.19714E-06	0.1417725	0.0055592	1.7559968	0.0063209	0

Winter	CH4_IDLEX	0	0	0	0	0.0048799	0.002970511	0.004137963	0.018210322	0.0087825	0	0	0.0154003	0
Winter	CH4_RUNEX	0.0019362	0.0042781	0.0030372	0.0041838	0.0089289	0.007184291	0.002330671	0.001140217	0.009919	0.1176142	0.3515265	0.0027348	0.0054095
Winter	CH4_STREX	0.0571237	0.0808463	0.0774354	0.0956769	0.0154159	0.008241947	0.011194215	4.38461E-07	0.0279126	0.0017832	0.3045147	0.0014561	0
Winter	CO_IDLEX	0	0	0	0	0.176954	0.132972405	0.503134558	6.329985561	0.5010021	0	0	1.2593749	0
Winter	CO_RUNEX	0.5521283	0.9537673	0.7421228	0.8957273	0.8203889	0.66409961	0.302546215	0.245700291	1.092547	0.2080537	22.242103	0.2230281	0.4204376
Winter	CO_STREX	2.6613914	2.9100274	3.3806186	3.9242404	1.1018674	0.6107316	1.374521151	0.005655981	3.2273131	0.3084516	10.491809	0.234258	0
Winter	CO2_NBIO_IDLEX	0	0	0	0	9.1880904	14.44445156	84.72780314	1056.789004	65.540025	0	0	299.28928	0
Winter	CO2_NBIO_RUNEX	247.60338	296.99253	319.17399	394.70744	789.2582	766.7196231	1121.565626	1386.544514	1529.1265	1403.4864	216.95402	1006.1437	1022.72
Winter	CO2_NBIO_STREX	53.917252	65.352375	70.451442	86.332354	11.184915	7.274625486	10.51567782	0.043745996	22.696098	2.8516378	65.582794	1.1401403	0
Winter	NOX_IDLEX	0	0	0	0	0.0717897	0.10956027	0.547058086	5.630436334	0.2409838	0	0	2.3234302	0
Winter	NOX_RUNEX	0.037685	0.0910737	0.0714025	0.1029719	1.0701992	1.11564187	1.499718802	2.679687995	1.1658774	1.6703214	1.2584983	2.9997197	4.5384066
Winter	NOX_STREX[3]	0.2048675	0.2821532	0.3063549	0.3920213	0.3338631	0.186996835	1.663634245	2.352380907	0.6921722	0.0310836	0.2935611	1.499967	0
Winter	PM10_IDLEX	0	0	0	0	0.0009192	0.00146567	0.000661871	0.003097313	8.751E-05	0	0	0.0020291	0
Winter	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.059960016	0.13034	0.0673257	0.01176	0.7448002	0.13034
Winter	PM10_PMTW	0.008	0.008	0.008	0.008	0.0098841	0.01083315	0.012000003	0.034953924	0.012	0.025058	0.004	0.0116186	0.016
Winter	PM10_RUNEX	0.0013983	0.0017789	0.0013862	0.0015306	0.0134094	0.017886425	0.007158525	0.024571445	0.0057659	0.0055088	0.0020047	0.0175774	0.106954
Winter	PM10_STREX	0.0018034	0.0023548	0.0017475	0.0018923	0.0002396	0.000115377	0.000132752	7.50787E-07	0.0002075	4.633E-05	0.0031442	1.517E-05	0
Winter	PM25_IDLEX	0	0	0	0	0.0008795	0.001402266	0.000633238	0.002963324	8.373E-05	0	0	0.0019414	0
Winter	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.02569715	0.05586	0.0288539	0.00504	0.3192001	0.05586
Winter	PM25_PMTW	0.002	0.002	0.002	0.002	0.002471	0.002708287	0.003000001	0.008738481	0.003	0.0062645	0.001	0.0029047	0.004
Winter	PM25_RUNEX	0.0012882	0.0016369	0.0012759	0.0014119	0.0127834	0.017089728	0.006841113	0.023508471	0.0054931	0.0052626	0.0018756	0.0168119	0.1023273
Winter	PM25_STREX	0.0016582	0.0021653	0.0016068	0.0017401	0.0002203	0.000106085	0.000122061	6.90321E-07	0.0001908	4.26E-05	0.0029627	1.395E-05	0
Winter	ROG_DIURN	0.014325	0.0303279	0.0229154	0.028633	0.000645	0.000311729	0.000146129	6.36258E-07	0.0007239	4.819E-05	0.1755073	2.997E-05	0
Winter	ROG_HTSK	0.1034075	0.1993961	0.1298343	0.1579622	0.0822879	0.038128519	0.023052309	0.000121258	0.0284608	0.0006908	0.8719935	0.0007471	0
Winter	ROG_IDLEX	0	0	0	0	0.0207345	0.015433488	0.021155035	0.392063232	0.0456479	0	0	0.0835775	0
Winter	ROG_RESTL	0.017668	0.0365966	0.0288212	0.0361754	0.0004622	0.000225521	0.000104046	4.45522E-07	0.0003877	1.04E-05	0.1757386	1.6E-05	0
Winter	ROG_RUNEX	0.0074882	0.0185925	0.0121861	0.0177834	0.1048298	0.119030228	0.019422569	0.023902674	0.0520561	0.0023644	2.4227858	0.0467893	0.1164629
Winter	ROG_RUNLS	0.2549452	0.8442491	0.5329954	0.5970793	0.5952211	0.258342445	0.141172355	0.000634477	0.3258285	0.0018012	2.5528091	0.0060081	0
Winter	ROG_STREX	0.260368	0.4053276	0.3613594	0.4785399	0.0779646	0.041025425	0.060064454	2.28316E-06	0.1475691	0.006269	2.3593973	0.008103	0
Winter	SO2_IDLEX	0	0	0	0	8.895E-05	0.000137934	0.000803487	0.009984019	0.0006262	0	0	0.0028339	0
Winter	SO2_RUNEX	0.002419	0.0029024	0.0031185	0.0038543	0.0076958	0.007395085	0.010709199	0.013099827	0.0149039	0.0133116	0.0021469	0.0095406	0.0096684
Winter	SO2_STREX	0.0005269	0.0006387	0.0006885	0.0008437	0.0001107	7.19883E-05	0.000104061	4.32902E-07	0.0002246	2.822E-05	0.000649	1.128E-05	0
Winter	TOG_DIURN	0.0143336	0.0303461	0.0229291	0.0286502	0.000645	0.000311729	0.000146129	6.36258E-07	0.0007239	4.819E-05	0.1755073	2.997E-05	0
Winter	TOG_HTSK	0.1034695	0.1995157	0.1299122	0.158057	0.0822879	0.038128519	0.023052309	0.000121258	0.0284608	0.0006908	0.8719935	0.0007471	0
Winter	TOG_IDLEX	0	0	0	0	0.0290881	0.020663595	0.028766822	0.446334145	0.0618538	0	0	0.1148595	0
Winter	TOG_RESTL	0.0176786	0.0366185	0.0288385	0.0361971	0.0004622	0.000225521	0.000104046	4.45522E-07	0.0003877	1.04E-05	0.1757386	1.6E-05	0
Winter	TOG_RUNEX	0.0108897	0.0271287	0.0177591	0.0258419	0.1273368	0.138489912	0.024971924	0.027269726	0.0741736	0.1207805	2.9809308	0.0543665	0.1325853
Winter	TOG_RUNLS	0.2550981	0.8447557	0.5333152	0.5974376	0.5952211	0.258342445	0.141172355	0.000634477	0.3258285	0.0018012	2.5528091	0.0060081	0
Winter	TOG_STREX	0.2852688	0.4440924	0.3959197	0.5243032	0.0853615	0.044917676	0.065763017	2.49978E-06	0.1615696	0.0068637	2.5670148	0.0088717	0

1 Source: California Air Resources Board. EMFAC2017 Web Database. https://www.arb.ca.gov/emfac/2017/; California Air Pollution Control Officers Association (CAPCOA). 2017, November. California Emissions Estimator Model User's Guide, Version 2016.3.2, Appendix A.

2 Unless otherwise noted, per CalEEMod methodology, the calculated CalEEMod emission rates are derived from the emission rates obtained using the EMFAC2017 Web Database for the Contra Costa (SF) region .

3 Because EMFAC2017 provides vehicle trips data for MHDT and HHDT diesel trucks, the formula provided in Appendix A of the CalEEMod User's Guide in calculating the NO_X STREX emission rates are utilized.

Off-Model SAFE Rule Adjustment Factors for Gasoline Light Duty Vehicle (LDA, LDT1, LDT2, MDV) Emissions in EMFAC2017

Year	NOx Exh	TOG Evap	TOG Exh	PM Exh	CO Exh	CO2 Exh
2021	1.0002	1.0001	1.0002	1.0009	1.0005	1.0023
2022	1.0004	1.0003	1.0004	1.0018	1.0014	1.0065
2023	1.0007	1.0006	1.0007	1.0032	1.0027	1.0126
2024	1.0012	1.001	1.0011	1.0051	1.0044	1.0207
2025	1.0018	1.0016	1.0016	1.0074	1.0065	1.0309
2026	1.0023	1.0022	1.002	1.0091	1.0083	1.0394
2027	1.0028	1.0028	1.0024	1.0105	1.0102	1.0475
2028	1.0034	1.0035	1.0028	1.0117	1.012	1.0554
2029	1.004	1.0042	1.0032	1.0129	1.0138	1.0629
2030	1.0047	1.0051	1.0037	1.0142	1.0156	1.0702
2031	1.0054	1.0061	1.0042	1.0155	1.0173	1.077
2032	1.0061	1.0072	1.0047	1.0169	1.0189	1.0834
2033	1.0068	1.0083	1.0052	1.0182	1.0204	1.0893
2034	1.0075	1.0095	1.0058	1.0196	1.0218	1.0947
2035	1.0081	1.0108	1.0063	1.021	1.0232	1.0997
2036	1.0088	1.0121	1.0069	1.0223	1.0244	1.1041
2037	1.0094	1.0134	1.0074	1.0236	1.0255	1.108
2038	1.0099	1.0148	1.0079	1.0248	1.0265	1.1114
2039	1.0104	1.0161	1.0085	1.0259	1.0274	1.1143
2040	1.0109	1.0174	1.009	1.027	1.0281	1.1168
2041	1.0113	1.0186	1.0095	1.0279	1.0288	1.1189
2042	1.0116	1.0198	1.0099	1.0286	1.0294	1.1207
2043	1.0119	1.0207	1.0103	1.0293	1.0299	1.1221
2044	1.0122	1.0216	1.0106	1.0299	1.0303	1.1233
2045	1.0124	1.0225	1.0109	1.0303	1.0306	1.1243
2046	1.0125	1.0233	1.0111	1.0308	1.0309	1.1251
2047	1.0127	1.024	1.0113	1.0311	1.0311	1.1258
2048	1.0128	1.0246	1.0115	1.0314	1.0313	1.1263
2049	1.0128	1.0252	1.0116	1.0316	1.0315	1.1268
2050	1.0129	1.0257	1.0117	1.0318	1.0316	1.1272

Sources: California Air Resources Board. 2019, November 20. EMFAC Off-Model Adjustment Factors to Account for the SAFE Vehicles Rule Part One and the Final Safe Rule. hhttps://ww3.arb.ca.gov/msei/emfac_off_model_adjustment_factors_final_draft.pdf; California Air Resources Board. 2020, June 26. EMFAC Off-Model Adjustment Factors for Carbon Dioxide (CO2) Emissions to Account for the SAFE Vehicles Rule Part One and the Final Safe Rule. https://ww3.arb.ca.gov/msei/emfac_off_model_co2_adjustment_factors_06262020-final.pdf.

LDA CalEEMod Emission Rate Worksheet

Vehicle Class: LDA

Pollutant	CARB SAFE Rule Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	LDA Gas	LDA DSL	LDA Elec	LDA Gas	LDA DSL	LDA Elec	LDA Gas	LDA DSL	LDA Elec	
CH4_IDLEX		0	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0**
CH4_RUNEX		0.002094284	0.000572479	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.002022761**
CH4_STREX		0.052512804	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.050642989**
CO_IDLEX	1.0027	0	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0**
CO_RUNEX	1.0027	0.582357176	0.19576055	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.562864001**
CO_STREX	1.0027	2.314016109	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**2.2316213**
CO2_NBIO_IDLEX	1.0126	0	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0**
CO2_NBIO_RUNEX	1.0126	258.1260559	202.3989435	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**250.735299**
CO2_NBIO_STREX	1.0126	55.07925578	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**53.11805737**
NOX_IDLEX	1.0007	0	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0**
NOX_RUNEX	1.0007	0.034778111	0.06509074	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.034191017**
NOX_STREX	1.0007	0.193078851	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.186203923**
PM10_IDLEX	1.0032	0	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.008000002**
PM10_RUNEX	1.0032	0.001383369	0.006135806	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.001398341**
PM10_STREX	1.0032	0.001869991	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.001803407**
PM25_IDLEX	1.0032	0	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.002000001**
PM25_RUNEX	1.0032	0.001271962	0.005870374	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.0012882**
PM25_STREX	1.0032	0.001719427	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.001658204**
ROG_DIURN		0.197484154	0	0.016340367	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.0406779**
ROG_HTSK		0.103957138	0	0.004888026	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.100377658**
ROG_IDLEX		0	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0**
ROG_RESTL		0.193428733	0	0.0050371	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.039787043**
ROG_RUNEX		0.007876216	0.012325138	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.007717149**
ROG_RUNLS		0.224826819	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.216821445**
ROG_STREX		0.236040342	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.227635691**
SO2_IDLEX		0	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0**
SO2_RUNEX		0.002522582	0.001913398	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.002449657**
SO2_STREX		0.000538272	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.000519106**
TOG_DIURN	1.0006	0.197602645	0	0.016340367	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.040702257**
TOG_HTSK	1.0006	0.104019513	0	0.004888026	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.100437811**
TOG_IDLEX	1.0007	0	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0**
TOG_RESTL	1.0006	0.193544791	0	0.0050371	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.0398109**
TOG_RUNEX	1.0007	0.011499148	0.01403135	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.011224089**
TOG_RUNLS	1.0006	0.224961715	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.216951538**
TOG_STREX	1.0007	0.25861462	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.24940617**
CH4_IDLEX		0	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0**
CH4_RUNEX		0.002417725	0.000572479	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.002334201**
CH4_STREX		0.043157234	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.041620541**
CO_IDLEX	1.0027	0	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0**
CO_RUNEX	1.0027	0.710485133	0.19576055	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.686237735**
CO_STREX	1.0027	1.76704677	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**1.704127814**
CO2_NBIO_IDLEX	1.0126	0	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0**
CO2_NBIO_RUNEX	1.0126	281.9443283	202.3989435	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**273.6697878**
CO2_NBIO_STREX	1.0126	54.04926481	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**52.12474112**
NOX_IDLEX	1.0007	0	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0**
NOX_RUNEX	1.0007	0.031371002	0.062608765	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.03088351**
NOX_STREX	1.0007	0.169891042	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.163841759**
PM10_IDLEX	1.0032	0	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.008000002**
PM10_RUNEX	1.0032	0.001383369	0.006135806	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.001398341**
PM10_STREX	1.0032	0.001869991	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.001803407**
PM25_IDLEX	1.0032	0	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.002000001**
PM25_RUNEX	1.0032	0.001271962	0.005870374	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.0012882**
PM25_STREX	1.0032	0.001719427	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.001658204**
ROG_DIURN		0.509096414	0	0.055052995	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.104929419**
ROG_HTSK		0.117912392	0	0.004888026	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.113836009**
ROG_IDLEX		0	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0**
ROG_RESTL		0.440487096	0	0.026225054	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.090680041**
ROG_RUNEX		0.008944955	0.012325138	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.008746232**
ROG_RUNLS		0.213343098	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.205746623**
ROG_STREX		0.190600167	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.183813497**
SO2_IDLEX		0	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0**
SO2_RUNEX		0.00275535	0.001913398	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.002673788**
SO2_STREX		0.000528206	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.000509398**
TOG_DIURN	1.0006	0.509401872	0	0.055052995	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.104992209**
TOG_HTSK	1.0006	0.11798314	0	0.004888026	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.113904237**
TOG_IDLEX	1.0007	0	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0**
TOG_RESTL	1.0006	0.440751388	0	0.026225054	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.09073437**
TOG_RUNEX	1.0007	0.013059554	0.01403135	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.012726596**
TOG_RUNLS	1.0006	0.213471103	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.205870071**
TOG_STREX	1.0007	0.208828752	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.201393019**

CH4_IDLEX		0	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0**
CH4_RUNEX		0.002004359	0.000572479	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.001936173**
CH4_STREX		0.059232786	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.057123694**
CO_IDLEX	1.0027	0	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0**
CO_RUNEX	1.0027	0.571207746	0.19576055	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.552128273**
CO_STREX	1.0027	2.759653954	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**2.661391389**
CO2_NBIO_IDLEX	1.0126	0	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0**
CO2_NBIO_RUNEX	1.0126	254.873449	202.3989435	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**247.6033809**
CO2_NBIO_STREX	1.0126	55.90795829	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**53.91725239**
NOX_IDLEX	1.0007	0	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0**
NOX_RUNEX	1.0007	0.038395999	0.066044075	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.037684964**
NOX_STREX	1.0007	0.212431476	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.204867462**
PM10_IDLEX	1.0032	0	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.008000002**
PM10_RUNEX	1.0032	0.001383369	0.006135806	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.001398341**
PM10_STREX	1.0032	0.001869991	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.001803407**
PM25_IDLEX	1.0032	0	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.002000001**
PM25_RUNEX	1.0032	0.001271962	0.005870374	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.0012882**
PM25_STREX	1.0032	0.001719427	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.001658204**
ROG_DIURN		0.069669252	0	0.000728453	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.01432502**
ROG_HTSK		0.107098838	0	0.004888026	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.103407491**
ROG_IDLEX		0	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0**
ROG_RESTL		0.085947879	0	8.57726E-05	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.017668029**
ROG_RUNEX		0.007638476	0.012325138	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.007488232**
ROG_RUNLS		0.264358127	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.254945168**
ROG_STREX		0.269981127	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.260367951**
SO2_IDLEX		0	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0**
SO2_RUNEX		0.002490795	0.001913398	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.00241905**
SO2_STREX		0.00054637	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.000526916**
TOG_DIURN	1.0006	0.069711054	0	0.000728453	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.014333612**
TOG_HTSK	1.0006	0.107163097	0	0.004888026	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.103469463**
TOG_IDLEX	1.0007	0	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0**
TOG_RESTL	1.0006	0.085999448	0	8.57726E-05	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.01767863**
TOG_RUNEX	1.0007	0.011151836	0.01403135	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.010889664**
TOG_RUNLS	1.0006	0.264516741	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.255098135**
TOG_STREX	1.0007	0.29580130	0	0	415473.5477	4583.453774	10231.12447	15421746.18	173065.8983	421213.1392	1949194.746	21477.7807	50489.41531	**0.285268752**

LDT1 CalEEMod Emission Rate Worksheet

Vehicle Class: LDT1

Pollutant	CARB SAFE Rule Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	LDT1 Gas	LDT1 DSL	LDT1 Elec	LDT1 Gas	LDT1 DSL	LDT1 Elec	LDT1 Gas	LDT1 DSL	LDT1 Elec	
CH4_IDLEX		0	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0**
CH4_RUNEX		0.004489171	0.0081805	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.004446949**
CH4_STREX		0.071978875	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.07131639**
CO_IDLEX	1.0027	0	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0**
CO_RUNEX	1.0027	0.978391191	1.171889053	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.96903447**
CO_STREX	1.0027	2.458745552	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**2.436115544**
CO2_NBIO_IDLEX	1.0126	0	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0**
CO2_NBIO_RUNEX	1.0126	303.1066438	420.5154031	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**300.2224732**
CO2_NBIO_STREX	1.0126	65.01369158	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**64.41531312**
NOX_IDLEX	1.0007	0	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0**
NOX_RUNEX	1.0007	0.082952422	1.075846132	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.082406396**
NOX_STREX	1.0007	0.258948472	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.25656514**
PM10_IDLEX	1.0032	0	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.008000002**
PM10_RUNEX	1.0032	0.001763249	0.130415415	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.001778877**
PM10_STREX	1.0032	0.002376705	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.00235483**
PM25_IDLEX	1.0032	0	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.002000001**
PM25_RUNEX	1.0032	0.001621281	0.124773702	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.001636881**
PM25_STREX	1.0032	0.002185381	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.002165267**
ROG_DIURN		0.428537947	0	0.016340367	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.092810918**
ROG_HTSK		0.191780745	0	0.004888026	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.190058692**
ROG_IDLEX		0	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0**
ROG_RESTL		0.383096032	0	0.0050371	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.082952497**
ROG_RUNEX		0.019242114	0.17612134	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.019096858**
ROG_RUNLS		0.693361598	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.686979978**
ROG_STREX		0.356098907	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.352821414**
SO2_IDLEX		0	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0**
SO2_RUNEX		0.002962163	0.003975383	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.002933943**
SO2_STREX		0.000635358	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.00062951**
TOG_DIURN	1.0006	0.428795069	0	0.016340367	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.092866587**
TOG_HTSK	1.0006	0.191895814	0	0.004888026	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.190172701**
TOG_IDLEX	1.0007	0	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0**
TOG_RESTL	1.0006	0.38332589	0	0.0050371	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.083002263**
TOG_RUNEX	1.0007	0.028091998	0.200502436	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.027865597**
TOG_RUNLS	1.0006	0.693777615	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.687392166**
TOG_STREX	1.0007	0.390155622	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.386564675**
CH4_IDLEX		0	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0**
CH4_RUNEX		0.005120218	0.0081805	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.00507177**
CH4_STREX		0.058653746	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.058113903**
CO_IDLEX	1.0027	0	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0**
CO_RUNEX	1.0027	1.175048472	1.171889053	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**1.163751395**
CO_STREX	1.0027	1.871411223	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**1.854186972**
CO2_NBIO_IDLEX	1.0126	0	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0**
CO2_NBIO_RUNEX	1.0126	327.0515467	420.5154031	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**323.9311191**
CO2_NBIO_STREX	1.0126	63.83420285	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**63.24668026**
NOX_IDLEX	1.0007	0	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0**
NOX_RUNEX	1.0007	0.074161866	1.034865362	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.073692196**
NOX_STREX	1.0007	0.227866079	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.225768826**
PM10_IDLEX	1.0032	0	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.008000002**
PM10_RUNEX	1.0032	0.001763249	0.130415415	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.001778877**
PM10_STREX	1.0032	0.002376705	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.00235483**
PM25_IDLEX	1.0032	0	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.002000001**
PM25_RUNEX	1.0032	0.001621281	0.124773702	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.001636881**
PM25_STREX	1.0032	0.002185381	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.002165267**
ROG_DIURN		1.122364378	0	0.055052995	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.243098404**
ROG_HTSK		0.226672476	0	0.004888026	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.224629283**
ROG_IDLEX		0	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0**
ROG_RESTL		0.885347499	0	0.026225054	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.19173155**
ROG_RUNEX		0.021677201	0.17612134	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.021507918**
ROG_RUNLS		0.649519462	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.64354136**
ROG_STREX		0.285684086	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.283054683**
SO2_IDLEX		0	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0**
SO2_RUNEX		0.003196168	0.003975383	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.00316564**
SO2_STREX		0.000623831	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.000618089**
TOG_DIURN	1.0006	1.123037797	0	0.055052995	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.243244205**
TOG_HTSK	1.0006	0.226808479	0	0.004888026	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.224764034**
TOG_IDLEX	1.0007	0	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0**
TOG_RESTL	1.0006	0.885878708	0	0.026225054	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.191846562**
TOG_RUNEX	1.0007	0.031647285	0.200502436	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.031385805**
TOG_RUNLS	1.0006	0.649909174	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.643927485**
TOG_STREX	1.0007	0.313006534	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.310125658**

CH4_IDLEX		0	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0**
CH4_RUNEX		0.004318679	0.0081805	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.004278139**
CH4_STREX		0.081597284	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.080846272**
CO_IDLEX	1.0027	0	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0**
CO_RUNEX	1.0027	0.962971871	1.171889053	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.953767287**
CO_STREX	1.0027	2.93705973	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**2.910027373**
CO2_NBIO_IDLEX	1.0126	0	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0**
CO2_NBIO_RUNEX	1.0126	299.8445126	420.5154031	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**296.9925284**
CO2_NBIO_STREX	1.0126	65.95945828	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**65.35237508**
NOX_IDLEX	1.0007	0	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0**
NOX_RUNEX	1.0007	0.09170211	1.091553589	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.091073732**
NOX_STREX	1.0007	0.284774209	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.282153181**
PM10_IDLEX	1.0032	0	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.008000002**
PM10_RUNEX	1.0032	0.001763249	0.130415415	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.001778877**
PM10_STREX	1.0032	0.002376705	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.00235483**
PM25_IDLEX	1.0032	0	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.002000001**
PM25_RUNEX	1.0032	0.001621281	0.124773702	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.001636881**
PM25_STREX	1.0032	0.002185381	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.002165267**
ROG_DIURN		0.140071298	0	0.000728453	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.030327944**
ROG_HTSK		0.201204913	0	0.004888026	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.199396121**
ROG_IDLEX		0	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0**
ROG_RESTL		0.169029819	0	8.57726E-05	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.036596589**
ROG_RUNEX		0.018732776	0.17612134	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.018592545**
ROG_RUNLS		0.852091671	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.844249118**
ROG_STREX		0.409092843	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.4053276**
SO2_IDLEX		0	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0**
SO2_RUNEX		0.002930283	0.003975383	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.002902377**
SO2_STREX		0.0006446	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.000638668**
TOG_DIURN	1.0006	0.140155341	0	0.000728453	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.03034614**
TOG_HTSK	1.0006	0.201325636	0	0.004888026	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.199515732**
TOG_IDLEX	1.0007	0	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0**
TOG_RESTL	1.0006	0.169131237	0	8.57726E-05	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.036618547**
TOG_RUNEX	1.0007	0.027347728	0.200502436	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.027128671**
TOG_RUNLS	1.0006	0.852602926	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.844755667**
TOG_STREX	1.0007	0.44821770	0	0	42903.22771	23.39798969	347.957326	1560070.346	398.9985164	15147.12	196335.469	77.6304591	1746.204752	**0.444092352**

LDT2 CalEEMod Emission Rate Worksheet

Vehicle Class: LDT2

Pollutant	CARB SAFE Rule Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	LDT2 Gas	LDT2 DSL	LDT2 Elec	LDT2 Gas	LDT2 DSL	LDT2 Elec	LDT2 Gas	LDT2 DSL	LDT2 Elec	
CH4_IDLEX		0	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0**
CH4_RUNEX		0.003217984	0.000614489	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.003168185**
CH4_STREX		0.069871016	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.068573411**
CO_IDLEX	1.0027	0	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0**
CO_RUNEX	1.0027	0.767711577	0.123154778	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.755646865**
CO_STREX	1.0027	2.886884665	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**2.833271064**
CO2_NBIO_IDLEX	1.0126	0	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0**
CO2_NBIO_RUNEX	1.0126	325.6721294	276.9882955	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**322.3200744**
CO2_NBIO_STREX	1.0126	70.73385174	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**69.42022236**
NOX_IDLEX	1.0007	0	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0**
NOX_RUNEX	1.0007	0.06549749	0.035281032	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.064662849**
NOX_STREX	1.0007	0.283748594	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.278478975**
PM10_IDLEX	1.0032	0	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.008000002**
PM10_RUNEX	1.0032	0.001374132	0.004500814	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.00138617**
PM10_STREX	1.0032	0.001780547	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.00174748**
PM25_IDLEX	1.0032	0	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.002000001**
PM25_RUNEX	1.0032	0.001263472	0.004306111	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.00127586**
PM25_STREX	1.0032	0.001637169	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.001606764**
ROG_DIURN		0.285303628	0	0.016340367	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.060342132**
ROG_HTSK		0.128694012	0	0.004888026	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.126359413**
ROG_IDLEX		0	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0**
ROG_RESTL		0.301867156	0	0.0050371	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.063817717**
ROG_RUNEX		0.012663413	0.013229584	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.012552395**
ROG_RUNLS		0.447262697	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.438956385**
ROG_STREX		0.321710538	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.31573591**
SO2_IDLEX		0	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0**
SO2_RUNEX		0.003182688	0.002618536	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.003149235**
SO2_STREX		0.000691259	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.000678421**
TOG_DIURN	1.0006	0.28547481	0	0.016340367	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.060378315**
TOG_HTSK	1.0006	0.128771228	0	0.004888026	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.126435196**
TOG_IDLEX	1.0007	0	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0**
TOG_RESTL	1.0006	0.302048277	0	0.0050371	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.063856001**
TOG_RUNEX	1.0007	0.018489724	0.015061002	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.018294191**
TOG_RUNLS	1.0006	0.447531055	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.439219759**
TOG_STREX	1.0007	0.352478881	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.345932841**
CH4_IDLEX		0	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0**
CH4_RUNEX		0.003695176	0.000614489	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.003637277**
CH4_STREX		0.057305062	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.056240825**
CO_IDLEX	1.0027	0	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0**
CO_RUNEX	1.0027	0.929822913	0.123154778	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.915006255**
CO_STREX	1.0027	2.198969806	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**2.158131773**
CO2_NBIO_IDLEX	1.0126	0	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0**
CO2_NBIO_RUNEX	1.0126	349.1315919	276.9882955	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**345.3812973**
CO2_NBIO_STREX	1.0126	69.4212228	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**68.13197082**
NOX_IDLEX	1.0007	0	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0**
NOX_RUNEX	1.0007	0.058848981	0.033933697	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.058116616**
NOX_STREX	1.0007	0.249683391	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.245046411**
PM10_IDLEX	1.0032	0	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.008000002**
PM10_RUNEX	1.0032	0.001374132	0.004500814	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.00138617**
PM10_STREX	1.0032	0.001780547	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.00174748**
PM25_IDLEX	1.0032	0	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.002000001**
PM25_RUNEX	1.0032	0.001263472	0.004306111	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.00127586**
PM25_STREX	1.0032	0.001637169	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.001606764**
ROG_DIURN		0.72197912	0	0.055052995	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.15273053**
ROG_HTSK		0.145497138	0	0.004888026	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.142850481**
ROG_IDLEX		0	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0**
ROG_RESTL		0.671641618	0	0.026225054	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.142025575**
ROG_RUNEX		0.014330875	0.013229584	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.01419155**
ROG_RUNLS		0.420098366	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.412296534**
ROG_STREX		0.259493444	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.254674277**
SO2_IDLEX		0	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0**
SO2_RUNEX		0.00341195	0.002618536	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.003374605**
SO2_STREX		0.000678431	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.000665832**
TOG_DIURN	1.0006	0.722412307	0	0.055052995	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.152822094**
TOG_HTSK	1.0006	0.145584436	0	0.004888026	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.142936158**
TOG_IDLEX	1.0007	0	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0**
TOG_RESTL	1.0006	0.672044603	0	0.026225054	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.142110755**
TOG_RUNEX	1.0007	0.020924448	0.015061002	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.020687584**
TOG_RUNLS	1.0006	0.420350425	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.412543912**
TOG_STREX	1.0007	0.284311382	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.279031311**

CH4_IDLEX		0	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0**
CH4_RUNEX		0.003084742	0.000614489	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.003037204**
CH4_STREX		0.078900747	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.077435447**
CO_IDLEX	1.0027	0	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0**
CO_RUNEX	1.0027	0.753954012	0.123154778	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.742122843**
CO_STREX	1.0027	3.44458956	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**3.380618577**
CO2_NBIO_IDLEX	1.0126	0	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0**
CO2_NBIO_RUNEX	1.0126	322.4717148	276.9882955	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**319.1739889**
CO2_NBIO_STREX	1.0126	71.78458551	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**70.45144249**
NOX_IDLEX	1.0007	0	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0**
NOX_RUNEX	1.0007	0.072349347	0.035800154	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.071402471**
NOX_STREX	1.0007	0.312152005	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.306354894**
PM10_IDLEX	1.0032	0	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.008000002**
PM10_RUNEX	1.0032	0.001374132	0.004500814	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.00138617**
PM10_STREX	1.0032	0.001780547	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.00174748**
PM25_IDLEX	1.0032	0	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.002000001**
PM25_RUNEX	1.0032	0.001263472	0.004306111	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.00127586**
PM25_STREX	1.0032	0.001637169	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.001606764**
ROG_DIURN		0.108404656	0	0.000728453	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.022915386**
ROG_HTSK		0.132234645	0	0.004888026	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.129834291**
ROG_IDLEX		0	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0**
ROG_RESTL		0.136351666	0	8.57726E-05	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.028821161**
ROG_RUNEX		0.012290763	0.013229584	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.012186071**
ROG_RUNLS		0.543081222	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.532995423**
ROG_STREX		0.368197339	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.361359385**
SO2_IDLEX		0	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0**
SO2_RUNEX		0.003151411	0.002618536	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.003118489**
SO2_STREX		0.000701527	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.000688499**
TOG_DIURN	1.0006	0.108469699	0	0.000728453	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.022929134**
TOG_HTSK	1.0006	0.132313985	0	0.004888026	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.129912159**
TOG_IDLEX	1.0007	0	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0**
TOG_RESTL	1.0006	0.136433477	0	8.57726E-05	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.028838453**
TOG_RUNEX	1.0007	0.017945424	0.015061002	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.017759131**
TOG_RUNLS	1.0006	0.543407071	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.53331522**
TOG_STREX	1.0007	0.40341164	0	0	136800.1042	961.6320956	1459.28677	5101359.876	40776.24302	47318.11724	635180.2944	4679.641094	7339.788873	**0.395919704**

MDV CalEEMod Emission Rate Worksheet

Vehicle Class: MDV

Pollutant	CARB SAFE Rule Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	MDV Gas	MDV DSL	MDV Elec	MDV Gas	MDV DSL	MDV Elec	MDV Gas	MDV DSL	MDV Elec	
CH4_IDLEX		0	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0**
CH4_RUNEX		0.004488194	0.00048063	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.00434928**
CH4_STREX		0.087518834	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.084659931**
CO_IDLEX	1.0027	0	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0**
CO_RUNEX	1.0027	0.936176203	0.188499077	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.909515621**
CO_STREX	1.0027	3.393746518	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**3.282885898**
CO2_NBIO_IDLEX	1.0126	0	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0**
CO2_NBIO_RUNEX	1.0126	401.9958494	364.8778865	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**397.9962626**
CO2_NBIO_STREX	1.0126	87.97304161	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**85.09930138**
NOX_IDLEX	1.0007	0	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0**
NOX_RUNEX	1.0007	0.095360507	0.043428548	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.093280382**
NOX_STREX	1.0007	0.368392639	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.356358671**
PM10_IDLEX	1.0032	0	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.008000002**
PM10_RUNEX	1.0032	0.001459387	0.004592228	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.001530587**
PM10_STREX	1.0032	0.001956187	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.001892285**
PM25_IDLEX	1.0032	0	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.002000001**
PM25_RUNEX	1.0032	0.001341952	0.00439357	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.001411904**
PM25_STREX	1.0032	0.001798822	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.001740062**
ROG_DIURN		0.348412511	0	0.016340367	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.073857606**
ROG_HTSK		0.159403845	0	0.004888026	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.154239277**
ROG_IDLEX		0	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0**
ROG_RESTL		0.378004979	0	0.0050371	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.080108985**
ROG_RUNEX		0.018578402	0.010347679	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.018222643**
ROG_RUNLS		0.511928582	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.495205848**
ROG_STREX		0.431915019	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.41780602**
SO2_IDLEX		0	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0**
SO2_RUNEX		0.003928575	0.003449408	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.003886434**
SO2_STREX		0.000859732	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.000831648**
TOG_DIURN	1.0006	0.348621558	0	0.016340367	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.073901904**
TOG_HTSK	1.0006	0.159499488	0	0.004888026	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.154331795**
TOG_IDLEX	1.0007	0	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0**
TOG_RESTL	1.0006	0.378231782	0	0.0050371	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.080157045**
TOG_RUNEX	1.0007	0.027092292	0.011780145	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.02648668**
TOG_RUNLS	1.0006	0.512235739	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.495502972**
TOG_STREX	1.0007	0.473220056	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.45776178**
CH4_IDLEX		0	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0**
CH4_RUNEX		0.005145156	0.00048063	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.004984063**
CH4_STREX		0.071688431	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.069346646**
CO_IDLEX	1.0027	0	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0**
CO_RUNEX	1.0027	1.129773158	0.188499077	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**1.096576705**
CO_STREX	1.0027	2.575775635	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**2.491634972**
CO2_NBIO_IDLEX	1.0126	0	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0**
CO2_NBIO_RUNEX	1.0126	426.9846165	364.8778865	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**422.141404**
CO2_NBIO_STREX	1.0126	86.3788096	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**83.55714678**
NOX_IDLEX	1.0007	0	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0**
NOX_RUNEX	1.0007	0.085602756	0.041771592	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.083808588**
NOX_STREX	1.0007	0.32414454	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.313555987**
PM10_IDLEX	1.0032	0	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.008000002**
PM10_RUNEX	1.0032	0.001459387	0.004592228	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.001530587**
PM10_STREX	1.0032	0.001956187	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.001892285**
PM25_IDLEX	1.0032	0	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.002000001**
PM25_RUNEX	1.0032	0.001341952	0.00439357	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.001411904**
PM25_STREX	1.0032	0.001798822	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.001740062**
ROG_DIURN		0.875816644	0	0.055052995	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.185682363**
ROG_HTSK		0.178275404	0	0.004888026	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.172494374**
ROG_IDLEX		0	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0**
ROG_RESTL		0.837941563	0	0.026225054	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.177607167**
ROG_RUNEX		0.020986957	0.010347679	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.020549885**
ROG_RUNLS		0.482440448	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.466680977**
ROG_STREX		0.348095195	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.336724266**
SO2_IDLEX		0	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0**
SO2_RUNEX		0.004172782	0.003449408	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.004122397**
SO2_STREX		0.000844152	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.000816577**
TOG_DIURN	1.0006	0.876342134	0	0.055052995	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.185793716**
TOG_HTSK	1.0006	0.178382369	0	0.004888026	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.172597845**
TOG_IDLEX	1.0007	0	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0**
TOG_RESTL	1.0006	0.838444328	0	0.026225054	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.177713705**
TOG_RUNEX	1.0007	0.030606665	0.011780145	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.029882408**
TOG_RUNLS	1.0006	0.482729912	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.466960986**
TOG_STREX	1.0007	0.381384779	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.368926408**

CH4_IDLEX		0	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0**
CH4_RUNEX		0.00431692	0.00048063	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.004183788**
CH4_STREX		0.098907796	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.09567686**
CO_IDLEX	1.0027	0	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0**
CO_RUNEX	1.0027	0.921906124	0.188499077	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.895727303**
CO_STREX	1.0027	4.056759126	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**3.924240439**
CO2_NBIO_IDLEX	1.0126	0	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0**
CO2_NBIO_RUNEX	1.0126	398.5921195	364.8778865	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**394.7074433**
CO2_NBIO_STREX	1.0126	89.24773349	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**86.33235398**
NOX_IDLEX	1.0007	0	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0**
NOX_RUNEX	1.0007	0.10537334	0.044065768	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.102971896**
NOX_STREX	1.0007	0.405259586	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.392021317**
PM10_IDLEX	1.0032	0	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.008000002**
PM10_RUNEX	1.0032	0.001459387	0.004592228	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.001530587**
PM10_STREX	1.0032	0.001956187	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.001892285**
PM25_IDLEX	1.0032	0	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.002000001**
PM25_RUNEX	1.0032	0.001341952	0.00439357	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.001411904**
PM25_STREX	1.0032	0.001798822	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.001740062**
ROG_DIURN		0.135117542	0	0.000728453	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.028633049**
ROG_HTSK		0.163252489	0	0.004888026	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.1579622**
ROG_IDLEX		0	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0**
ROG_RESTL		0.170716219	0	8.57726E-05	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.036175413**
ROG_RUNEX		0.018123855	0.010347679	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.017783442**
ROG_RUNLS		0.617242276	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.59707935**
ROG_STREX		0.494699811	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.478539874**
SO2_IDLEX		0	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0**
SO2_RUNEX		0.003895311	0.003449408	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.003854293**
SO2_STREX		0.000872189	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.000843698**
TOG_DIURN	1.0006	0.135198612	0	0.000728453	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.028650229**
TOG_HTSK	1.0006	0.163350441	0	0.004888026	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.158056952**
TOG_IDLEX	1.0007	0	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0**
TOG_RESTL	1.0006	0.170818649	0	8.57726E-05	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.036197118**
TOG_RUNEX	1.0007	0.026424952	0.011780145	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.02584187**
TOG_RUNLS	1.0006	0.617612622	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.597437598**
TOG_STREX	1.0007	0.54200855	0	0	96988.16951	2277.476309	783.61564	3373514.734	91589.78907	26280.04551	442749.6216	10967.9617	3983.364349	**0.524303217**

LDH1 CalEEMod Emission Rate Worksheet

Vehicle Class: LHDT1

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	ELEC	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	Rate
CH4_IDLEX	0.120758952	0.005098128	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.004893182**
CH4_RUNEX	0.010204082	0.007879509	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.009109155**
CH4_STREX	0.025116875	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.014638906**
CO_IDLEX	3.752103037	0.909745076	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.176954018**
CO_RUNEX	0.903811026	0.758301502	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.835272719**
CO_STREX	1.755096586	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**1.022925548**
CO2_NBIO_IDLEX	120.828316	134.5192423	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**9.188090356**
CO2_NBIO_RUNEX	1002.333658	550.0246593	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**789.2857964**
CO2_NBIO_STREX	18.95184225	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**11.04573035**
NOX_IDLEX	0.038145038	2.119656541	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.071789727**
NOX_RUNEX	0.232796709	1.964012697	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**1.048238952**
NOX_STREX	0.53665899	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.312781755**
PM10_IDLEX	0	0.027717031	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.000919223**
PM10_PMBW	0.076440022	0.076440022	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.076440022**
PM10_PMTW	0.008000002	0.012000003	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.009884094**
PM10_RUNEX	0.002327781	0.025854445	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.013409377**
PM10_STREX	0.000411106	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.000239605**
PM25_IDLEX	0	0.026518005	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.000879458**
PM25_PMBW	0.032760009	0.032760009	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.032760009**
PM25_PMTW	0.002000001	0.003000001	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.002471024**
PM25_RUNEX	0.002140308	0.024735993	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.012783392**
PM25_STREX	0.000377996	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.000220308**
ROG_DIURN	0.047394992	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.001854098**
ROG_HTSK	0.129370269	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.075401066**
ROG_IDLEX	0.436970447	0.109759705	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.020734469**
ROG_RESTL	0.026887908	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.001051858**
ROG_RUNEX	0.048872463	0.169641185	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.105757287**
ROG_RUNLS	0.920261003	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.536357086**
ROG_STREX	0.126583819	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.073777035**
SO2_IDLEX	0.001195694	0.001271691	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**8.89508E-05**
SO2_RUNEX	0.009918904	0.005199711	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.007696056**
SO2_STREX	0.000187544	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.000109306**
TOG_DIURN	0.047394992	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.001854098**
TOG_HTSK	0.129370269	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.075401066**
TOG_IDLEX	0.637626251	0.124954127	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.029088064**
TOG_RESTL	0.026887908	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.001051858**
TOG_RUNEX	0.071314583	0.19312521	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.128690169**
TOG_RUNLS	0.920261003	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.536357086**
TOG_STREX	0.138593348	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.080776567**
CH4_IDLEX	0.121164934	0.005098128	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.004909064**
CH4_RUNEX	0.010634021	0.007879509	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.009336583**
CH4_STREX	0.023546104	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.013723411**
CO_IDLEX	3.752103037	0.909745076	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.176954018**
CO_RUNEX	0.940261564	0.758301502	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.854554222**
CO_STREX	1.612555374	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.939848042**
CO2_NBIO_IDLEX	120.828316	134.5192423	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**9.188090356**
CO2_NBIO_RUNEX	1002.401118	550.0246593	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**789.3214809**
CO2_NBIO_STREX	18.69768949	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**10.89760212**
NOX_IDLEX	0.038145038	2.119656541	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.071789727**
NOX_RUNEX	0.20733945	1.895179414	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**1.002350596**
NOX_STREX	0.496849518	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.289579542**
PM10_IDLEX	0	0.027717031	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.000919223**
PM10_PMBW	0.076440022	0.076440022	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.076440022**
PM10_PMTW	0.008000002	0.012000003	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.009884094**
PM10_RUNEX	0.002327781	0.025854445	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.013409377**
PM10_STREX	0.000411106	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.000239605**
PM25_IDLEX	0	0.026518005	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.000879458**
PM25_PMBW	0.032760009	0.032760009	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.032760009**
PM25_PMTW	0.002000001	0.003000001	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.002471024**
PM25_RUNEX	0.002140308	0.024735993	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.012783392**
PM25_STREX	0.000377996	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.000220308**
ROG_DIURN	0.121134246	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.004738786**
ROG_HTSK	0.148822302	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.086738323**
ROG_IDLEX	0.436970447	0.109759705	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.020734469**
ROG_RESTL	0.062397283	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.002440989**
ROG_RUNEX	0.051117809	0.169641185	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.106945024**
ROG_RUNLS	0.897595985	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.5231472**
ROG_STREX	0.118178154	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.068877949**
SO2_IDLEX	0.001195694	0.001271691	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**8.89508E-05**
SO2_RUNEX	0.009919572	0.005199711	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.00769641**
SO2_STREX	0.000185029	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.000107841**
TOG_DIURN	0.121134246	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.004738786**
TOG_HTSK	0.148822302	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.086738323**
TOG_IDLEX	0.637626251	0.124954127	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.029088064**
TOG_RESTL	0.062397283	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.002440989**
TOG_RUNEX	0.074590986	0.19312521	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.130423311**
TOG_RUNLS	0.897595985	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.5231472**
TOG_STREX	0.129390203	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.075412684**

CH4_IDLEX	0.120420438	0.005098128	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.004879939**
CH4_RUNEX	0.009863381	0.007879509	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.008928932**
CH4_STREX	0.026450055	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.015415925**
CO_IDLEX	3.752103037	0.909745076	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.176954018**
CO_RUNEX	0.875673957	0.758301502	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.820388852**
CO_STREX	1.890542079	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**1.101867446**
CO2_NBIO_IDLEX	120.828316	134.5192423	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**9.188090356**
CO2_NBIO_RUNEX	1002.281498	550.0246593	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**789.2582048**
CO2_NBIO_STREX	19.19065026	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**11.18491517**
NOX_IDLEX	0.038145038	2.119656541	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.071789727**
NOX_RUNEX	0.248994308	1.992444622	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**1.070199198**
NOX_STREX	0.572829503	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.333863069**
PM10_IDLEX	0	0.027717031	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.000919223**
PM10_PMBW	0.076440022	0.076440022	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.076440022**
PM10_PMTW	0.008000002	0.012000003	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.009884094**
PM10_RUNEX	0.002327781	0.025854445	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.013409377**
PM10_STREX	0.000411106	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.000239605**
PM25_IDLEX	0	0.026518005	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.000879458**
PM25_PMBW	0.032760009	0.032760009	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.032760009**
PM25_PMTW	0.002000001	0.003000001	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.002471024**
PM25_RUNEX	0.002140308	0.024735993	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.012783392**
PM25_STREX	0.000377996	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.000220308**
ROG_DIURN	0.016488349	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.000645026**
ROG_HTSK	0.141186517	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.082287947**
ROG_IDLEX	0.436970447	0.109759705	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.020734469**
ROG_RESTL	0.011814876	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.000462199**
ROG_RUNEX	0.047119159	0.169641185	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.104829829**
ROG_RUNLS	1.021257612	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.595221089**
ROG_STREX	0.133768736	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.077964631**
SO2_IDLEX	0.001195694	0.001271691	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**8.89508E-05**
SO2_RUNEX	0.009918388	0.005199711	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.007695783**
SO2_STREX	0.000189907	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.000110684**
TOG_DIURN	0.016488349	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.000645026**
TOG_HTSK	0.141186517	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.082287947**
TOG_IDLEX	0.637626251	0.124954127	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.029088064**
TOG_RESTL	0.011814876	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.000462199**
TOG_RUNEX	0.068756166	0.19312521	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.127336824**
TOG_RUNLS	1.021257612	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.595221089**
TOG_STREX	0.146459928	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.085361457**

LDH2 CalEEMod Emission Rate Worksheet

Vehicle Class: LHDT2

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	ELEC	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	Rate
CH4_IDLEX	0.119922946	0.005098128	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.002977987**
CH4_RUNEX	0.00738201	0.007196143	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.007250363**
CH4_STREX	0.023258803	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.00782803**
CO_IDLEX	3.762227894	0.909745076	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.132972405**
CO_RUNEX	0.611100793	0.693152736	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.669217092**
CO_STREX	1.686573031	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.567636426**
CO2_NBIO_IDLEX	138.2938154	214.6331335	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**14.44445156**
CO2_NBIO_RUNEX	1138.232292	613.7225486	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**766.7290195**
CO2_NBIO_STREX	21.3896562	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**7.19894589**
NOX_IDLEX	0.037234581	2.061307783	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.10956027**
NOX_RUNEX	0.205480347	1.463486291	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**1.09650922**
NOX_STREX	0.520506446	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.175182701**
PM10_IDLEX	0	0.027789015	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.00146567**
PM10_PMBW	0.089180026	0.089180026	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.089180026**
PM10_PMTW	0.008000002	0.012000003	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.01083315**
PM10_RUNEX	0.00210939	0.024384318	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.017886425**
PM10_STREX	0.00034281	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.000115377**
PM25_IDLEX	0	0.026586875	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.001402266**
PM25_PMBW	0.038220011	0.038220011	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.038220011**
PM25_PMTW	0.002000001	0.003000001	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.002708287**
PM25_RUNEX	0.001939506	0.023329464	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.017089728**
PM25_STREX	0.000315201	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.000106085**
ROG_DIURN	0.03786918	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.000855477**
ROG_HTSK	0.106216635	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.035748485**
ROG_IDLEX	0.426928747	0.109759705	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.015433488**
ROG_RESTL	0.022171809	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.000500868**
ROG_RUNEX	0.032889153	0.154928726	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.119328159**
ROG_RUNLS	0.688065241	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.231576627**
ROG_STREX	0.115371265	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.038829586**
SO2_IDLEX	0.001368529	0.002029055	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.000137934**
SO2_RUNEX	0.011263731	0.005801885	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.007395178**
SO2_STREX	0.000211668	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**7.12394E-05**
TOG_DIURN	0.03786918	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.000855477**
TOG_HTSK	0.106216635	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.035748485**
TOG_IDLEX	0.622973426	0.124954127	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.020663595**
TOG_RESTL	0.022171809	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.000500868**
TOG_RUNEX	0.047991775	0.176376054	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.138924652**
TOG_RUNLS	0.688065241	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.231576627**
TOG_STREX	0.126317014	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.042513509**
CH4_IDLEX	0.120319744	0.005098128	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.00298695**
CH4_RUNEX	0.00766227	0.007196143	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.007332118**
CH4_STREX	0.02180822	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.007339819**
CO_IDLEX	3.762227894	0.909745076	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.132972405**
CO_RUNEX	0.633695211	0.693152736	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.675808185**
CO_STREX	1.55133647	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.522120935**
CO2_NBIO_IDLEX	138.2938154	214.6331335	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**14.44445156**
CO2_NBIO_RUNEX	1138.273597	613.7225486	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**766.7410686**
CO2_NBIO_STREX	21.14964977	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**7.118168844**
NOX_IDLEX	0.037234581	2.061307783	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.10956027**
NOX_RUNEX	0.182576241	1.412411599	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**1.053652262**
NOX_STREX	0.481903314	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.162190353**
PM10_IDLEX	0	0.027789015	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.00146567**
PM10_PMBW	0.089180026	0.089180026	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.089180026**
PM10_PMTW	0.008000002	0.012000003	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.01083315**
PM10_RUNEX	0.00210939	0.024384318	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.017886425**
PM10_STREX	0.00034281	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.000115377**
PM25_IDLEX	0	0.026586875	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.001402266**
PM25_PMBW	0.038220011	0.038220011	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.038220011**
PM25_PMTW	0.002000001	0.003000001	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.002708287**
PM25_RUNEX	0.001939506	0.023329464	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.017089728**
PM25_STREX	0.000315201	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.000106085**
ROG_DIURN	0.096386528	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.002177402**
ROG_HTSK	0.122582118	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.041256485**
ROG_IDLEX	0.426928747	0.109759705	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.015433488**
ROG_RESTL	0.05135346	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.001160091**
ROG_RUNEX	0.034162428	0.154928726	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.11969959**
ROG_RUNLS	0.670739352	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.225745391**
ROG_STREX	0.107730645	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.036258044**
SO2_IDLEX	0.001368529	0.002029055	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.000137934**
SO2_RUNEX	0.01126414	0.005801885	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.007395298**
SO2_STREX	0.000209293	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**7.04401E-05**
TOG_DIURN	0.096386528	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.002177402**
TOG_HTSK	0.122582118	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.041256485**
TOG_IDLEX	0.622973426	0.124954127	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.020663595**
TOG_RESTL	0.05135346	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.001160091**
TOG_RUNEX	0.049849735	0.176376054	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.139466643**
TOG_RUNLS	0.670739352	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.225745391**
TOG_STREX	0.117951496	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.039697994**

CH4_IDLEX	0.119592042	0.005098128	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.002970511**
CH4_RUNEX	0.007155514	0.007196143	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.007184291**
CH4_STREX	0.024488643	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.008241947**
CO_IDLEX	3.762227894	0.909745076	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.132972405**
CO_RUNEX	0.593557944	0.693152736	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.66409961**
CO_STREX	1.8146183	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.6107316**
CO2_NBIO_IDLEX	138.2938154	214.6331335	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**14.44445156**
CO2_NBIO_RUNEX	1138.200082	613.7225486	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**766.7196231**
CO2_NBIO_STREX	21.61451697	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**7.274625486**
NOX_IDLEX	0.037234581	2.061307783	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.10956027**
NOX_RUNEX	0.219872609	1.484571306	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**1.11564187**
NOX_STREX	0.555608845	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.186996835**
PM10_IDLEX	0	0.027789015	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.00146567**
PM10_PMBW	0.089180026	0.089180026	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.089180026**
PM10_PMTW	0.008000002	0.012000003	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.01083315**
PM10_RUNEX	0.00210939	0.024384318	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.017886425**
PM10_STREX	0.00034281	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.000115377**
PM25_IDLEX	0	0.026586875	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.001402266**
PM25_PMBW	0.038220011	0.038220011	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.038220011**
PM25_PMTW	0.002000001	0.003000001	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.002708287**
PM25_RUNEX	0.001939506	0.023329464	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.017089728**
PM25_STREX	0.000315201	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.000106085**
ROG_DIURN	0.013799242	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.000311729**
ROG_HTSK	0.113288241	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.038128519**
ROG_IDLEX	0.426928747	0.109759705	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.015433488**
ROG_RESTL	0.009983102	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.000225521**
ROG_RUNEX	0.03186784	0.154928726	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.119030228**
ROG_RUNLS	0.767592389	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.258342445**
ROG_STREX	0.121895587	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.041025425**
SO2_IDLEX	0.001368529	0.002029055	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.000137934**
SO2_RUNEX	0.011263412	0.005801885	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.007395085**
SO2_STREX	0.000213893	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**7.19883E-05**
TOG_DIURN	0.013799242	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.000311729**
TOG_HTSK	0.113288241	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.038128519**
TOG_IDLEX	0.622973426	0.124954127	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.020663595**
TOG_RESTL	0.009983102	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.000225521**
TOG_RUNEX	0.046501477	0.176376054	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.138489912**
TOG_RUNLS	0.767592389	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.258342445**
TOG_STREX	0.133460324	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.044917676**

MHDT CalEEMod Emission Rate Worksheet

Vehicle Class: MHDT

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	ELEC	MHDT Gas	MHDT DSL	MHDT Elec	MHDT Gas	MHDT DSL	MHDT Elec	MHDT Gas	MHDT DSL	MHDT Elec	Rate
CH4_IDLEX	0.267724574	0.00415657	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.003916142**
CH4_RUNEX	0.012827094	0.000572889	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.002391053**
CH4_STREX	0.039461109	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.010610137**
CO_IDLEX	15.13506444	2.97136564	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.430965779**
CO_RUNEX	1.411230913	0.116447819	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.308555642**
CO_STREX	4.712066516	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**1.266960657**
CO2_NBIO_IDLEX	528.1481055	1018.541108	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**85.10671831**
CO2_NBIO_RUNEX	1701.977056	1020.459088	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**1121.576359**
CO2_NBIO_STREX	38.43362687	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**10.3338722**
NOX_IDLEX	0.088594751	7.013008368	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.538311249**
NOX_RUNEX	0.409357531	1.659081127	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**1.473658811**
NOX_STREX	0.373784102	2.128707285	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**1.656850909**
PM10_IDLEX	0	0.007155247	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.000548015**
PM10_PMBW	0.130340037	0.130340037	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.130340037**
PM10_PMTW	0.012000003	0.012000003	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.012000003**
PM10_RUNEX	0.001399018	0.008161945	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.007158525**
PM10_STREX	0.000493731	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.000132752**
PM25_IDLEX	0	0.006845714	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.000524308**
PM25_PMBW	0.055860016	0.055860016	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.055860016**
PM25_PMTW	0.003000001	0.003000001	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.003000001**
PM25_RUNEX	0.001286346	0.007808863	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.006841113**
PM25_STREX	0.000453968	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.000122061**
ROG_DIURN	0.032828849	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.000441168**
ROG_HTSK	0.082172726	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.022094258**
ROG_IDLEX	1.014307609	0.089489814	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.020484639**
ROG_RESTL	0.0185529	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.000249322**
ROG_RUNEX	0.061997256	0.012334133	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.019702683**
ROG_RUNLS	0.464854013	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.124987995**
ROG_STREX	0.210854754	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.056693741**
SO2_IDLEX	0.005226454	0.009622671	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.000807228**
SO2_RUNEX	0.016842443	0.009640791	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.010709305**
SO2_STREX	0.000380332	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.000102262**
TOG_DIURN	0.032828849	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.000441168**
TOG_HTSK	0.082172726	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.022094258**
TOG_IDLEX	1.480075282	0.101877342	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.027692569**
TOG_RESTL	0.0185529	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.000249322**
TOG_RUNEX	0.090466251	0.014041471	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.025380666**
TOG_RUNLS	0.464854013	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.124987995**
TOG_STREX	0.230859415	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.06207251**
CH4_IDLEX	0.250157894	0.004288016	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.003690141**
CH4_RUNEX	0.013341874	0.000572889	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.002467431**
CH4_STREX	0.036916398	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.009925926**
CO_IDLEX	10.43619493	2.886050706	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.36128622**
CO_RUNEX	1.464271644	0.116447819	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.316425331**
CO_STREX	4.291040989	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**1.153757082**
CO2_NBIO_IDLEX	554.960642	1018.716941	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**85.48050322**
CO2_NBIO_RUNEX	1702.071553	1020.459088	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**1121.59038**
CO2_NBIO_STREX	37.71756921	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**10.14134162**
NOX_IDLEX	0.092376431	6.92982801	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.531991352**
NOX_RUNEX	0.362299268	1.597019895	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**1.413823579**
NOX_STREX	0.345886911	2.128707285	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**1.64935003**
PM10_IDLEX	0	0.006078756	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.000465567**
PM10_PMBW	0.130340037	0.130340037	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.130340037**
PM10_PMTW	0.012000003	0.012000003	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.012000003**
PM10_RUNEX	0.001399018	0.008161945	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.007158525**
PM10_STREX	0.000493731	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.000132752**
PM25_IDLEX	0	0.005815792	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.000445427**
PM25_PMBW	0.055860016	0.055860016	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.055860016**
PM25_PMTW	0.003000001	0.003000001	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.003000001**
PM25_RUNEX	0.001286346	0.007808863	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.006841113**
PM25_STREX	0.000453968	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.000122061**
ROG_DIURN	0.086580346	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.001163503**
ROG_HTSK	0.095638009	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.025714746**
ROG_IDLEX	0.942147819	0.092319811	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.019731673**
ROG_RESTL	0.045727869	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.00061451**
ROG_RUNEX	0.064414233	0.012334133	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.020061292**
ROG_RUNLS	0.45336213	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.121898106**
ROG_STREX	0.196345862	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.052792651**
SO2_IDLEX	0.005491785	0.009624333	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.000810921**
SO2_RUNEX	0.016843378	0.009640791	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.010709444**
SO2_STREX	0.000373246	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.000100357**
TOG_DIURN	0.086580346	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.001163503**
TOG_HTSK	0.095638009	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.025714746**
TOG_IDLEX	1.374779887	0.105099077	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.026524316**
TOG_RESTL	0.045727869	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.00061451**
TOG_RUNEX	0.093993097	0.014041471	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.025903947**
TOG_RUNLS	0.45336213	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.121898106**
TOG_STREX	0.214974004	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.057801308**

CH4_IDLEX	0.285265551	0.003975049	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.004137963**
CH4_RUNEX	0.012420123	0.000572889	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.002330671**
CH4_STREX	0.041633405	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.011194215**
CO_IDLEX	19.83393395	3.089181502	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.503134558**
CO_RUNEX	1.370728115	0.116447819	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.302546215**
CO_STREX	5.112104351	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**1.374521151**
CO2_NBIO_IDLEX	501.335569	1018.29829	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**84.72780314**
CO2_NBIO_RUNEX	1701.904715	1020.459088	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**1121.565626**
CO2_NBIO_STREX	39.1097964	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**10.51567782**
NOX_IDLEX	0.084813071	7.127876482	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.547058086**
NOX_RUNEX	0.438925378	1.68452998	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**1.499718802**
NOX_STREX	0.399012613	2.128707285	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**1.663634245**
PM10_IDLEX	0	0.008641828	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.000661871**
PM10_PMBW	0.130340037	0.130340037	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.130340037**
PM10_PMTW	0.012000003	0.012000003	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.012000003**
PM10_RUNEX	0.001399018	0.008161945	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.007158525**
PM10_STREX	0.000493731	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.000132752**
PM25_IDLEX	0	0.008267986	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.000633238**
PM25_PMBW	0.055860016	0.055860016	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.055860016**
PM25_PMTW	0.003000001	0.003000001	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.003000001**
PM25_RUNEX	0.001286346	0.007808863	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.006841113**
PM25_STREX	0.000453968	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.000122061**
ROG_DIURN	0.01087398	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.000146129**
ROG_HTSK	0.085735901	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.023052309**
ROG_IDLEX	1.086467399	0.085581724	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.021155035**
ROG_RESTL	0.007742427	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.000104046**
ROG_RUNEX	0.06010932	0.012334133	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.019422569**
ROG_RUNLS	0.525046711	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.141172355**
ROG_STREX	0.223391076	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.060064454**
SO2_IDLEX	0.004961122	0.009620377	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.000803487**
SO2_RUNEX	0.016841727	0.009640791	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.010709199**
SO2_STREX	0.000387023	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.000104061**
TOG_DIURN	0.01087398	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.000146129**
TOG_HTSK	0.085735901	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.023052309**
TOG_IDLEX	1.585370678	0.097428278	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.028766822**
TOG_RESTL	0.007742427	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.000104046**
TOG_RUNEX	0.087711379	0.014041471	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.024971924**
TOG_RUNLS	0.525046711	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.141172355**
TOG_STREX	0.244585109	0	0	807.405553	4601.624826	0	45803.81966	262908.289	0	16154.5703	43927.33465	0	**0.065763017**

HHD CalEEMod Emission Rate Worksheet

Vehicle Class: HHDT

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
	Gas	DSL	NG	HHDT Gas	HHDT DSL	HHDT NG	HHDT Gas	HHDT DSL	HHDT NG	HHDT Gas	HHDT DSL	HHDT NG	
CH4_IDLEX	0	0.210828202	1.193711269	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.024494252**
CH4_RUNEX	0.077411448	0.001117985	3.283295785	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.047087999**
CH4_STREX	0.00044692	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**4.12263E-07**
CO_IDLEX	0	66.15987851	21.27693003	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**6.292008914**
CO_RUNEX	29.14102775	0.234644381	10.94392022	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.399297482**
CO_STREX	5.652322656	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.005214014**
CO2_NBIO_IDLEX	0	11090.08401	3989.794327	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**1056.371736**
CO2_NBIO_RUNEX	1929.337156	1405.952498	3147.462053	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**1430.591018**
CO2_NBIO_STREX	46.66353564	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.043045014**
NOX_IDLEX	0	56.57870182	19.80892979	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**5.38717689**
NOX_RUNEX	3.183256043	2.675843754	1.02649249	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**2.653022201**
NOX_STREX	0.479751393	2.390917071	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**2.352351039**
PM10_IDLEX	0	0.028115633	0.017092457	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.002705658**
PM10_PMBW	0.061740018	0.060810527	0.061740018	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.060824009**
PM10_PMTW	0.020000006	0.035458033	0.03600001	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.03545771**
PM10_RUNEX	0.001249859	0.024932466	0.003957244	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.024626822**
PM10_STREX	0.000813901	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**7.50787E-07**
PM25_IDLEX	0	0.026899363	0.016353045	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.002588612**
PM25_PMBW	0.026460008	0.026061654	0.026460008	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.026067433**
PM25_PMTW	0.005000001	0.008864508	0.009000003	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.008864427**
PM25_RUNEX	0.001149199	0.023853898	0.003786055	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.023561453**
PM25_STREX	0.000748352	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**6.90321E-07**
ROG_DIURN	0.049538381	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**2.28393E-06**
ROG_HTSK	0.116357437	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.000107335**
ROG_IDLEX	0	4.539073368	0.030285518	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.426037928**
ROG_RESTL	0.030553481	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**1.40865E-06**
ROG_RUNEX	0.368564953	0.024069917	0.10574172	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.025389061**
ROG_RUNLS	0.636546473	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.000587186**
ROG_STREX	0.002336195	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**2.15504E-06**
SO2_IDLEX	0	0.104773615	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.009831304**
SO2_RUNEX	0.019092355	0.013282742	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.013099834**
SO2_STREX	0.000461774	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**4.25965E-07**
TOG_DIURN	0.049538381	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**2.28393E-06**
TOG_HTSK	0.116357437	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.000107335**
TOG_IDLEX	0	5.16738951	1.233343615	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.489743541**
TOG_RESTL	0.030553481	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**1.40865E-06**
TOG_RUNEX	0.537809115	0.027401769	3.417873822	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.075109326**
TOG_RUNLS	0.636546473	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.000587186**
TOG_STREX	0.00255784	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**2.35949E-06**
CH4_IDLEX	0	0.222963446	1.250278116	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.025856211**
CH4_RUNEX	0.080412242	0.001117985	3.283295785	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.047089534**
CH4_STREX	0.000414126	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**3.82013E-07**
CO_IDLEX	0	65.21872749	20.79558406	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**6.20179734**
CO_RUNEX	30.30978468	0.234644381	10.94392022	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.399895352**
CO_STREX	5.147518367	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.004748354**
CO2_NBIO_IDLEX	0	10965.33832	3964.159812	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**1044.5652**
CO2_NBIO_RUNEX	1931.265311	1405.952498	3147.462053	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**1430.592004**
CO2_NBIO_STREX	45.86284217	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.04230641**
NOX_IDLEX	0	54.09804781	19.11526829	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**5.151669952**
NOX_RUNEX	2.811539564	2.57915047	0.988199211	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**2.557005484**
NOX_STREX	0.443947073	2.390917071	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**2.352318011**
PM10_IDLEX	0	0.02457252	0.014696657	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.002363738**
PM10_PMBW	0.061740018	0.060810527	0.061740018	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.060824009**
PM10_PMTW	0.020000006	0.035458033	0.03600001	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.03545771**
PM10_RUNEX	0.001249859	0.024932466	0.003957244	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.024626822**
PM10_STREX	0.000813901	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**7.50787E-07**
PM25_IDLEX	0	0.023509523	0.014060886	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.002261484**
PM25_PMBW	0.026460008	0.026061654	0.026460008	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.026067433**
PM25_PMTW	0.005000001	0.008864508	0.009000003	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.008864427**
PM25_RUNEX	0.001149199	0.023853898	0.003786055	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.023561453**
PM25_STREX	0.000748352	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**6.90321E-07**
ROG_DIURN	0.149415809	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**6.88871E-06**
ROG_HTSK	0.133793488	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.000123418**
ROG_IDLEX	0	4.800341844	0.030294045	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.45055377**
ROG_RESTL	0.090088981	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**4.15349E-06**
ROG_RUNEX	0.386092705	0.024069917	0.10574172	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.025398028**
ROG_RUNLS	0.637601596	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.000588159**
ROG_STREX	0.002175442	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**2.00675E-06**
SO2_IDLEX	0	0.103595079	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.009720717**
SO2_RUNEX	0.019111436	0.013282742	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.013099844**
SO2_STREX	0.00045385	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**4.18656E-07**
TOG_DIURN	0.149415809	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**6.88871E-06**
TOG_HTSK	0.133793488	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.000123418**
TOG_IDLEX	0	5.464823782	1.290163067	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.517877182**
TOG_RESTL	0.090088981	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**4.15349E-06**
TOG_RUNEX	0.563385569	0.027401769	3.417873822	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.075122409**
TOG_RUNLS	0.637601596	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.000588159**
TOG_STREX	0.002381835	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**2.19714E-06**

CH4_IDLEX	0	0.194070008	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.018210322**
CH4_RUNEX	0.075162922	0.001117985	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.001140217**
CH4_STREX	0.000475319	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**4.38461E-07**
CO_IDLEX	0	67.45956326	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**6.329985561**
CO_RUNEX	28.26653855	0.234644381	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.245700291**
CO_STREX	6.13144342	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.005655981**
CO2_NBIO_IDLEX	0	11262.35186	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**1056.789004**
CO2_NBIO_RUNEX	1927.89512	1405.952498	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**1386.544514**
CO2_NBIO_STREX	47.42344537	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.043745996**
NOX_IDLEX	0	60.00436689	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**5.630436334**
NOX_RUNEX	3.4175587	2.717356657	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**2.679687995**
NOX_STREX	0.512130819	2.390917071	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**2.352380907**
PM10_IDLEX	0	0.033008504	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.003097313**
PM10_PMBW	0.061740018	0.060810527	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.059960016**
PM10_PMTW	0.020000006	0.035458033	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.034953924**
PM10_RUNEX	0.001249859	0.024932466	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.024571445**
PM10_STREX	0.000813901	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**7.50787E-07**
PM25_IDLEX	0	0.031580571	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.002963324**
PM25_PMBW	0.026460008	0.026061654	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.02569715**
PM25_PMTW	0.005000001	0.008864508	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.008738481**
PM25_RUNEX	0.001149199	0.023853898	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.023508471**
PM25_STREX	0.000748352	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**6.90321E-07**
ROG_DIURN	0.013800402	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**6.36258E-07**
ROG_HTSK	0.131451737	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.000121258**
ROG_IDLEX	0	4.178274044	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.392063232**
ROG_RESTL	0.009663349	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**4.45522E-07**
ROG_RUNEX	0.355601416	0.024069917	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.023902674**
ROG_RUNLS	0.687813454	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.000634477**
ROG_STREX	0.002475093	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**2.28316E-06**
SO2_IDLEX	0	0.106401116	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.009984019**
SO2_RUNEX	0.019078085	0.013282742	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.013099827**
SO2_STREX	0.000469293	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**4.32902E-07**
TOG_DIURN	0.013800402	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**6.36258E-07**
TOG_HTSK	0.131451737	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.000121258**
TOG_IDLEX	0	4.756646944	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.446334145**
TOG_RESTL	0.009663349	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**4.45522E-07**
TOG_RUNEX	0.518892751	0.027401769	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.027269726**
TOG_RUNLS	0.687813454	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**0.000634477**
TOG_STREX	0.002709916	0	0	2.553899236	5197.822208	218.6337138	326.0302982	628100.9399	8919.05714	51.09841591	54490.16625	852.6714839	**2.49978E-06**

OBUS CalEEMod Emission Rate Worksheet

Vehicle Class: OBUS

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	OBUS Gas	OBUS DSL	OBUS NG	OBUS Gas	OBUS DSL	OBUS NG	OBUS Gas	OBUS DSL	OBUS NG	Rate
CH4_IDLEX	0.196696519	0.04193688	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.008867249**
CH4_RUNEX	0.017136402	0.000617674	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.01021835**
CH4_STREX	0.032080451	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.026485955**
CO_IDLEX	5.778808328	14.4067473	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.496368639**
CO_RUNEX	1.827868529	0.145605955	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**1.12333605**
CO_STREX	3.612629552	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**2.982624648**
CO2_NBIO_IDLEX	377.9001981	2739.073649	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**64.62899636**
CO2_NBIO_RUNEX	1755.926106	1214.512245	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**1529.181687**
CO2_NBIO_STREX	26.98848296	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**22.28197309**
NOX_IDLEX	0.065107636	12.45030772	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.225573921**
NOX_RUNEX	0.587350628	1.881078463	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**1.129164548**
NOX_STREX	0.347871148	2.210187896	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.67263976**
PM10_IDLEX	0	0.004236571	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**7.58437E-05**
PM10_PMBW	0.130340037	0.130340037	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.130340037**
PM10_PMTW	0.012000003	0.012000003	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.012000003**
PM10_RUNEX	0.001075703	0.012274782	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.005765883**
PM10_STREX	0.000251297	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.000207473**
PM25_IDLEX	0	0.004053299	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**7.25628E-05**
PM25_PMBW	0.055860016	0.055860016	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.055860016**
PM25_PMTW	0.003000001	0.003000001	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.003000001**
PM25_RUNEX	0.000989069	0.011743781	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.005493148**
PM25_STREX	0.000231058	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.000190764**
ROG_DIURN	0.040960633	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.0016902**
ROG_HTSK	0.033836918	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.027936112**
ROG_IDLEX	0.746964091	0.902889532	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.046986405**
ROG_RESTL	0.019812364	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.000817538**
ROG_RUNEX	0.082530299	0.01329836	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.053535925**
ROG_RUNLS	0.362011863	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.298880771**
ROG_STREX	0.169257801	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.139741007**
SO2_IDLEX	0.003739629	0.02587741	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.000617573**
SO2_RUNEX	0.017376312	0.011474109	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.014904467**
SO2_STREX	0.000267073	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.000220498**
TOG_DIURN	0.040960633	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.0016902**
TOG_HTSK	0.033836918	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.027936112**
TOG_IDLEX	1.089968248	1.027871003	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.063377572**
TOG_RESTL	0.019812364	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.000817538**
TOG_RUNEX	0.120428018	0.015139171	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.076332992**
TOG_RUNLS	0.362011863	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.298880771**
TOG_STREX	0.185315988	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.152998813**
CH4_IDLEX	0.197450977	0.044451589	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.008943399**
CH4_RUNEX	0.017796508	0.000617674	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.010602003**
CH4_STREX	0.02981152	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.024612702**
CO_IDLEX	5.778808328	14.21932374	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.493013354**
CO_RUNEX	1.897262378	0.145605955	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**1.163667717**
CO_STREX	3.24879069	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**2.682235487**
CO2_NBIO_IDLEX	377.9001981	2702.22275	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**63.96928592**
CO2_NBIO_RUNEX	1756.050185	1214.512245	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**1529.253802**
CO2_NBIO_STREX	26.37008417	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**21.7714166**
NOX_IDLEX	0.065107636	11.82698301	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.214415066**
NOX_RUNEX	0.519787531	1.811805282	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**1.060885266**
NOX_STREX	0.321663514	2.210187896	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.651002464**
PM10_IDLEX	0	0.003764479	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**6.73923E-05**
PM10_PMBW	0.130340037	0.130340037	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.130340037**
PM10_PMTW	0.012000003	0.012000003	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.012000003**
PM10_RUNEX	0.001075703	0.012274782	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.005765883**
PM10_STREX	0.000251297	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.000207473**
PM25_IDLEX	0	0.003601629	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**6.44769E-05**
PM25_PMBW	0.055860016	0.055860016	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.055860016**
PM25_PMTW	0.003000001	0.003000001	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.003000001**
PM25_RUNEX	0.000989069	0.011743781	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.005493148**
PM25_STREX	0.000231058	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.000190764**
ROG_DIURN	0.100420138	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.004143738**
ROG_HTSK	0.03624442	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.029923772**
ROG_IDLEX	0.746964091	0.95703052	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.047955645**
ROG_RESTL	0.045366097	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.001871987**
ROG_RUNEX	0.085796455	0.01329836	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.055434214**
ROG_RUNLS	0.354405382	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.292600781**
ROG_STREX	0.156838436	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.129487449**
SO2_IDLEX	0.003739629	0.025529261	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.000611341**
SO2_RUNEX	0.01737754	0.011474109	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.01490518**
SO2_STREX	0.000260953	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.000215446**
TOG_DIURN	0.100420138	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.004143738**
TOG_HTSK	0.03624442	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.029923772**
TOG_IDLEX	1.089968248	1.089506397	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.064480978**
TOG_RESTL	0.045366097	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.001871987**
TOG_RUNEX	0.125193986	0.015139171	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.079102969**
TOG_RUNLS	0.354405382	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.292600781**
TOG_STREX	0.171718346	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.141772458**

CH4_IDLEX	0.196149634	0.038464187	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.008782513**
CH4_RUNEX	0.016621366	0.000617674	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.009919011**
CH4_STREX	0.033808384	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.027912554**
CO_IDLEX	5.778808328	14.66557031	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.501002128**
CO_RUNEX	1.774893492	0.145605955	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**1.092546987**
CO_STREX	3.90900234	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**3.227313113**
CO2_NBIO_IDLEX	377.9001981	2789.962985	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**65.54002506**
CO2_NBIO_RUNEX	1755.831156	1214.512245	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**1529.126502**
CO2_NBIO_STREX	27.49008192	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**22.69609842**
NOX_IDLEX	0.065107636	13.31108947	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.240983768**
NOX_RUNEX	0.629821853	1.90980005	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**1.165877417**
NOX_STREX	0.371529349	2.210187896	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.692172218**
PM10_IDLEX	0	0.004888508	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**8.75148E-05**
PM10_PMBW	0.130340037	0.130340037	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.130340037**
PM10_PMTW	0.012000003	0.012000003	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.012000003**
PM10_RUNEX	0.001075703	0.012274782	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.005765883**
PM10_STREX	0.000251297	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.000207473**
PM25_IDLEX	0	0.004677033	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**8.3729E-05**
PM25_PMBW	0.055860016	0.055860016	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.055860016**
PM25_PMTW	0.003000001	0.003000001	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.003000001**
PM25_RUNEX	0.000989069	0.011743781	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.005493148**
PM25_STREX	0.000231058	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.000190764**
ROG_DIURN	0.017544184	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.000723943**
ROG_HTSK	0.034472414	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.028460785**
ROG_IDLEX	0.746964091	0.828123404	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.04564793**
ROG_RESTL	0.009394795	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.000387667**
ROG_RUNEX	0.07998414	0.01329836	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.052056099**
ROG_RUNLS	0.394651685	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.325828548**
ROG_STREX	0.178739349	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.147569071**
SO2_IDLEX	0.003739629	0.026358187	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.00062618**
SO2_RUNEX	0.017375373	0.011474109	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.01490392**
SO2_STREX	0.000272037	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.000224596**
TOG_DIURN	0.017544184	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.000723943**
TOG_HTSK	0.034472414	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.028460785**
TOG_IDLEX	1.089968248	0.942755458	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.06185382**
TOG_RESTL	0.009394795	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.000387667**
TOG_RUNEX	0.116712669	0.015139171	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.074173633**
TOG_RUNLS	0.394651685	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.325828548**
TOG_STREX	0.195697089	0	0	296.0803992	128.4527592	0	14116.53105	10172.08601	0	5923.976627	1251.29199	0	**0.161569558**

UBUS CalEEMod Emission Rate Worksheet

Vehicle Class: UBUS

Pollutant	Emission Rates				Population				VMT				Trips				CalEEMod Emission
	Gas	DSL	ELEC	NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	Rate
CH4_IDLEX	0	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0**
CH4_RUNEX	0.002737	0.150529719	5.578418436	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.117621352**
CH4_STREX	0.017127	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.001637601**
CO_IDLEX	0	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0**
CO_RUNEX	0.152736	0.248844525	42.65027804	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.208445381**
CO_STREX	2.811565	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.268834947**
CO2_NBIO_IDLEX	0	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0**
CO2_NBIO_RUNEX	1044.798	1673.511249	1842.86857	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**1403.487113**
CO2_NBIO_STREX	29.14879	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**2.78713544**
NOX_IDLEX	0	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0**
NOX_RUNEX	0.041872	2.136937099	0.439725012	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**1.670050658**
NOX_STREX	0.304947	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.029158241**
PM10_IDLEX	0	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0**
PM10_PMBW	0.08918	0.075545565	0.083944741	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.067325676**
PM10_PMTW	0.008	0.031170099	0.028231612	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.025058046**
PM10_RUNEX	0.00224	0.006794129	0.003017291	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.005508763**
PM10_STREX	0.000485	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**4.63276E-05**
PM25_IDLEX	0	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0**
PM25_PMBW	0.03822	0.032376671	0.035976318	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.028853861**
PM25_PMTW	0.002	0.007792525	0.007057903	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.006264511**
PM25_RUNEX	0.00206	0.006500218	0.002886765	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.005262568**
PM25_STREX	0.000445	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**4.25965E-05**
ROG_DIURN	0.004014	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.000270617**
ROG_HTSK	0.006485	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.00062004**
ROG_IDLEX	0	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0**
ROG_RESTL	0.001876	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**4.48401E-05**
ROG_RUNEX	0.00749	0.002150773	0.079704592	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.002384487**
ROG_RUNLS	0.015948	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.001524874**
ROG_STREX	0.060245	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.005760483**
SO2_IDLEX	0	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0**
SO2_RUNEX	0.010339	0.0158207	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.013311651**
SO2_STREX	0.000288	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**2.7581E-05**
TOG_DIURN	0.004014	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.000270617**
TOG_HTSK	0.006485	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.00062004**
TOG_IDLEX	0	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0**
TOG_RESTL	0.001876	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**4.48401E-05**
TOG_RUNEX	0.010929	0.153626619	5.693185177	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.120809806**
TOG_RUNLS	0.015948	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.001524874**
TOG_STREX	0.065961	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.006307004**
CH4_IDLEX	0	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0**
CH4_RUNEX	0.002834	0.150529719	5.578418436	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.117630447**
CH4_STREX	0.015088	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.001442673**
CO_IDLEX	0	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0**
CO_RUNEX	0.158255	0.248844525	42.65027804	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.208966725**
CO_STREX	2.315085	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.221362687**
CO2_NBIO_IDLEX	0	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0**
CO2_NBIO_RUNEX	1044.808	1673.511249	1842.86857	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**1403.488049**
CO2_NBIO_STREX	28.33786	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**2.709595768**
NOX_IDLEX	0	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0**
NOX_RUNEX	0.037167	2.136937099	0.439725012	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**1.669606155**
NOX_STREX	0.281173	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.026885109**
PM10_IDLEX	0	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0**
PM10_PMBW	0.08918	0.075545565	0.083944741	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.067325676**
PM10_PMTW	0.008	0.031170099	0.028231612	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.025058046**
PM10_RUNEX	0.00224	0.006794129	0.003017291	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.005508763**
PM10_STREX	0.000485	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**4.63276E-05**
PM25_IDLEX	0	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0**
PM25_PMBW	0.03822	0.032376671	0.035976318	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.028853861**
PM25_PMTW	0.002	0.007792525	0.007057903	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.006264511**
PM25_RUNEX	0.00206	0.006500218	0.002886765	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.005262568**
PM25_STREX	0.000445	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**4.25965E-05**
ROG_DIURN	0.012375	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.000834375**
ROG_HTSK	0.010827	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.001035284**
ROG_IDLEX	0	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0**
ROG_RESTL	0.006586	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.000157423**
ROG_RUNEX	0.007758	0.002150773	0.079704592	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.002409806**
ROG_RUNLS	0.014908	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.001425484**
ROG_STREX	0.053102	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.005077497**
SO2_IDLEX	0	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0**
SO2_RUNEX	0.010339	0.0158207	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.01331166**
SO2_STREX	0.00028	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**2.68136E-05**
TOG_DIURN	0.012375	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.000834375**
TOG_HTSK	0.010827	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.001035284**
TOG_IDLEX	0	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0**
TOG_RESTL	0.006586	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.000157423**
TOG_RUNEX	0.01132	0.153626619	5.693185177	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.120846752**
TOG_RUNLS	0.014908	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.001425484**
TOG_STREX	0.05814	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.00555922**

CH4_IDLEX	0	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0**
CH4_RUNEX	0.002661	0.150529719	5.578418436	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.117614167**
CH4_STREX	0.018649	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.001783207**
CO_IDLEX	0	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0**
CO_RUNEX	0.14859	0.248844525	42.65027804	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.208053691**
CO_STREX	3.22589	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.308451647**
CO2_NBIO_IDLEX	0	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0**
CO2_NBIO_RUNEX	1044.79	1673.511249	1842.86857	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**1403.486406**
CO2_NBIO_STREX	29.82338	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**2.851637767**
NOX_IDLEX	0	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0**
NOX_RUNEX	0.044738	2.136937099	0.439725012	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**1.670321378**
NOX_STREX	0.325082	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.031083564**
PM10_IDLEX	0	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0**
PM10_PMBW	0.08918	0.075545565	0.083944741	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.067325676**
PM10_PMTW	0.008	0.031170099	0.028231612	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.025058046**
PM10_RUNEX	0.00224	0.006794129	0.003017291	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.005508763**
PM10_STREX	0.000485	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**4.63276E-05**
PM25_IDLEX	0	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0**
PM25_PMBW	0.03822	0.032376671	0.035976318	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.028853861**
PM25_PMTW	0.002	0.007792525	0.007057903	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.006264511**
PM25_RUNEX	0.00206	0.006500218	0.002886765	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.005262568**
PM25_STREX	0.000445	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**4.25965E-05**
ROG_DIURN	0.000715	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**4.81883E-05**
ROG_HTSK	0.007224	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.000690759**
ROG_IDLEX	0	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0**
ROG_RESTL	0.000435	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**1.03961E-05**
ROG_RUNEX	0.007277	0.002150773	0.079704592	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.002364392**
ROG_RUNLS	0.018838	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.001801203**
ROG_STREX	0.065563	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.006268981**
SO2_IDLEX	0	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0**
SO2_RUNEX	0.010339	0.0158207	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.013311644**
SO2_STREX	0.000295	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**2.82193E-05**
TOG_DIURN	0.000715	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**4.81883E-05**
TOG_HTSK	0.007224	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.000690759**
TOG_IDLEX	0	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0**
TOG_RESTL	0.000435	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**1.03961E-05**
TOG_RUNEX	0.010619	0.153626619	5.693185177	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.120780484**
TOG_RUNLS	0.018838	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.001801203**
TOG_STREX	0.071783	0	0	0	25.26967	202.1706246	0	36.83831511	2467.57	20363.46565	0	3287.19507	101.0787	808.6824985	0	147.35326	**0.006863745**

MCY CalEEMod Emission Rate Worksheet

Vehicle Class: MCY

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	MCY Gas	MCY DSL	MCY NG	MCY Gas	MCY DSL	MCY NG	MCY Gas	MCY DSL	MCY NG	**Rate**
CH4_IDLEX	0	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0**
CH4_RUNEX	0.338441613	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.338441613**
CH4_STREX	0.259858371	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.259858371**
CO_IDLEX	0	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0**
CO_RUNEX	20.36290854	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**20.36290854**
CO_STREX	9.044761743	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**9.044761743**
CO2_NBIO_IDLEX	0	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0**
CO2_NBIO_RUNEX	213.5642449	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**213.5642449**
CO2_NBIO_STREX	62.05791482	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**62.05791482**
NOX_IDLEX	0	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0**
NOX_RUNEX	1.16728978	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**1.16728978**
NOX_STREX	0.272575929	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.272575929**
PM10_IDLEX	0	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0**
PM10_PMBW	0.011760003	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.011760003**
PM10_PMTW	0.004000001	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.004000001**
PM10_RUNEX	0.002004668	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.002004668**
PM10_STREX	0.003144235	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.003144235**
PM25_IDLEX	0	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0**
PM25_PMBW	0.005040001	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.005040001**
PM25_PMTW	0.001	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.001**
PM25_RUNEX	0.001875622	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.001875622**
PM25_STREX	0.002962738	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.002962738**
ROG_DIURN	1.79073132	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.89536566**
ROG_HTSK	0.761022052	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.761022052**
ROG_IDLEX	0	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0**
ROG_RESTL	1.132733216	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.566366608**
ROG_RUNEX	2.307683072	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**2.307683072**
ROG_RUNLS	2.157374059	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**2.157374059**
ROG_STREX	1.988775029	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**1.988775029**
SO2_IDLEX	0	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0**
SO2_RUNEX	0.002113391	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.002113391**
SO2_STREX	0.000614113	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.000614113**
TOG_DIURN	1.79073132	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.89536566**
TOG_HTSK	0.761022052	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.761022052**
TOG_IDLEX	0	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0**
TOG_RESTL	1.132733216	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.566366608**
TOG_RUNEX	2.842695416	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**2.842695416**
TOG_RUNLS	2.157374059	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**2.157374059**
TOG_STREX	2.163900916	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**2.163900916**
CH4_IDLEX	0	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0**
CH4_RUNEX	0.327940906	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.327940906**
CH4_STREX	0.213481776	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.213481776**
CO_IDLEX	0	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0**
CO_RUNEX	19.58810836	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**19.58810836**
CO_STREX	7.805900552	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**7.805900552**
CO2_NBIO_IDLEX	0	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0**
CO2_NBIO_RUNEX	211.9986908	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**211.9986908**
CO2_NBIO_STREX	58.84833366	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**58.84833366**
NOX_IDLEX	0	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0**
NOX_RUNEX	1.020887596	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**1.020887596**
NOX_STREX	0.247745735	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.247745735**
PM10_IDLEX	0	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0**
PM10_PMBW	0.011760003	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.011760003**
PM10_PMTW	0.004000001	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.004000001**
PM10_RUNEX	0.002004668	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.002004668**
PM10_STREX	0.003144235	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.003144235**
PM25_IDLEX	0	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0**
PM25_PMBW	0.005040001	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.005040001**
PM25_PMTW	0.001	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.001**
PM25_RUNEX	0.001875622	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.001875622**
PM25_STREX	0.002962738	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.002962738**
ROG_DIURN	5.268247481	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**2.63412374**
ROG_HTSK	1.09656602	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**1.09656602**
ROG_IDLEX	0	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0**
ROG_RESTL	3.447615413	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**1.723807706**
ROG_RUNEX	2.212676966	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**2.212676966**
ROG_RUNLS	2.043596915	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**2.043596915**
ROG_STREX	1.613781853	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**1.613781853**
SO2_IDLEX	0	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0**
SO2_RUNEX	0.002097899	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.002097899**
SO2_STREX	0.000582352	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.000582352**
TOG_DIURN	5.268247481	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**2.63412374**
TOG_HTSK	1.09656602	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**1.09656602**
TOG_IDLEX	0	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0**
TOG_RESTL	3.447615413	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**1.723807706**
TOG_RUNEX	2.729254237	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**2.729254237**
TOG_RUNLS	2.043596915	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**2.043596915**
TOG_STREX	1.755996781	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**1.755996781**

CH4_IDLEX	0	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0**
CH4_RUNEX	0.351526523	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.351526523**
CH4_STREX	0.304514743	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.304514743**
CO_IDLEX	0	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0**
CO_RUNEX	22.24210287	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**22.24210287**
CO_STREX	10.49180943	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**10.49180943**
CO2_NBIO_IDLEX	0	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0**
CO2_NBIO_RUNEX	216.9540159	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**216.9540159**
CO2_NBIO_STREX	65.5827943	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**65.5827943**
NOX_IDLEX	0	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0**
NOX_RUNEX	1.25849831	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**1.25849831**
NOX_STREX	0.293561097	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.293561097**
PM10_IDLEX	0	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0**
PM10_PMBW	0.011760003	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.011760003**
PM10_PMTW	0.004000001	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.004000001**
PM10_RUNEX	0.002004668	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.002004668**
PM10_STREX	0.003144235	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.003144235**
PM25_IDLEX	0	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0**
PM25_PMBW	0.005040001	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.005040001**
PM25_PMTW	0.001	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.001**
PM25_RUNEX	0.001875622	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.001875622**
PM25_STREX	0.002962738	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.002962738**
ROG_DIURN	0.351014696	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.175507348**
ROG_HTSK	0.871993488	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.871993488**
ROG_IDLEX	0	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0**
ROG_RESTL	0.351477151	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.175738576**
ROG_RUNEX	2.422785761	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**2.422785761**
ROG_RUNLS	2.552809125	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**2.552809125**
ROG_STREX	2.359397255	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**2.359397255**
SO2_IDLEX	0	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0**
SO2_RUNEX	0.002146936	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.002146936**
SO2_STREX	0.000648995	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.000648995**
TOG_DIURN	0.351014696	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.175507348**
TOG_HTSK	0.871993488	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.871993488**
TOG_IDLEX	0	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0**
TOG_RESTL	0.351477151	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**0.175738576**
TOG_RUNEX	2.980930825	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**2.980930825**
TOG_RUNLS	2.552809125	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**2.552809125**
TOG_STREX	2.567014792	0	0	20059.40041	0	0	150633.3251	0	0	40118.80081	0	0	**2.567014792**

SBUS CalEEMod Emission Rate Worksheet

Vehicle Class: SBUS

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	SBUS Gas	SBUS DSL	SBUS NG	SBUS Gas	SBUS DSL	SBUS NG	SBUS Gas	SBUS DSL	SBUS NG	Rate
CH4_IDLEX	2.491373863	0.012611318	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.015455156**
CH4_RUNEX	0.007785259	0.002226152	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.00275619**
CH4_STREX	0.055496413	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.001281955**
CO_IDLEX	82.24087757	8.830500374	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**1.222477564**
CO_RUNEX	0.786537836	0.165986212	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.225153324**
CO_STREX	8.116993863	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.187500842**
CO2_NBIO_IDLEX	2456.505086	3413.567436	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**303.1597412**
CO2_NBIO_RUNEX	819.3391899	1025.836139	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**1006.147482**
CO2_NBIO_STREX	46.00706168	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**1.062753399**
NOX_IDLEX	0.9265304	27.40326401	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**2.325157946**
NOX_RUNEX	0.268907862	3.233884657	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**2.951185996**
NOX_STREX	0.477048327	1.523405554	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**1.499234923**
PM10_IDLEX	0	0.019862274	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.001681429**
PM10_PMBW	0.744800204	0.744800213	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.744800213**
PM10_PMTW	0.008000002	0.012000003	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.011618619**
PM10_RUNEX	0.001450715	0.019277086	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.017577413**
PM10_STREX	0.00065684	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**1.51729E-05**
PM25_IDLEX	0	0.019003041	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.001608691**
PM25_PMBW	0.319200087	0.319200091	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.319200091**
PM25_PMTW	0.002000001	0.003000001	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.002904655**
PM25_RUNEX	0.001333879	0.018443168	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.016811866**
PM25_STREX	0.00060394	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**1.39509E-05**
ROG_DIURN	0.013189769	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**7.61702E-05**
ROG_HTSK	0.031750011	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.000733419**
ROG_IDLEX	10.64151815	0.271518228	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.084439422**
ROG_RESTL	0.006281547	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**3.62756E-05**
ROG_RUNEX	0.037072788	0.047928439	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.046893396**
ROG_RUNLS	0.202068488	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.004667739**
ROG_STREX	0.308564637	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.007127778**
SO2_IDLEX	0.024309109	0.032249693	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.002870463**
SO2_RUNEX	0.008108025	0.009691591	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.009540605**
SO2_STREX	0.000455277	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**1.05168E-05**
TOG_DIURN	0.013189769	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**7.61702E-05**
TOG_HTSK	0.031750011	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.000733419**
TOG_IDLEX	15.5280783	0.309102834	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.115840751**
TOG_RESTL	0.006281547	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**3.62756E-05**
TOG_RUNEX	0.054096525	0.054562879	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.054518414**
TOG_RUNLS	0.202068488	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.004667739**
TOG_STREX	0.337839438	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.00780402**
CH4_IDLEX	2.495053835	0.01295379	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.0155054**
CH4_RUNEX	0.00807923	0.002226152	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.002784219**
CH4_STREX	0.045005875	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.001039626**
CO_IDLEX	82.24087757	8.51487862	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**1.195758789**
CO_RUNEX	0.81633556	0.165986212	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.227994418**
CO_STREX	5.598170423	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.129316553**
CO2_NBIO_IDLEX	2456.505086	3446.675533	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**305.9624877**
CO2_NBIO_RUNEX	819.3925688	1025.836139	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**1006.152571**
CO2_NBIO_STREX	41.81770316	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.965980102**
NOX_IDLEX	0.9265304	27.41804289	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**2.326409043**
NOX_RUNEX	0.237643433	3.109203508	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**2.835411757**
NOX_STREX	0.435742458	1.523405554	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**1.498280767**
PM10_IDLEX	0	0.016887961	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.00142964**
PM10_PMBW	0.744800204	0.744800213	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.744800213**
PM10_PMTW	0.008000002	0.012000003	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.011618619**
PM10_RUNEX	0.001450715	0.019277086	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.017577413**
PM10_STREX	0.00065684	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**1.51729E-05**
PM25_IDLEX	0	0.016157395	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.001367795**
PM25_PMBW	0.319200087	0.319200091	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.319200091**
PM25_PMTW	0.002000001	0.003000001	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.002904655**
PM25_RUNEX	0.001333879	0.018443168	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.016811866**
PM25_STREX	0.00060394	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**1.39509E-05**
ROG_DIURN	0.033813012	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.000195268**
ROG_HTSK	0.034074304	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.000787109**
ROG_IDLEX	10.64151815	0.278891546	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.085063606**
ROG_RESTL	0.015773797	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**9.10928E-05**
ROG_RUNEX	0.038498278	0.047928439	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.047029311**
ROG_RUNLS	0.172608323	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.003987216**
ROG_STREX	0.249924288	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.005773198**
SO2_IDLEX	0.024309109	0.032562481	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.002896942**
SO2_RUNEX	0.008108554	0.009691591	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.009540655**
SO2_STREX	0.00041382	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**9.55916E-06**
TOG_DIURN	0.033813012	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.000195268**
TOG_HTSK	0.034074304	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.000787109**
TOG_IDLEX	15.5280783	0.317496796	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.116551337**
TOG_RESTL	0.015773797	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**9.10928E-05**
TOG_RUNEX	0.056176598	0.054562879	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.054716741**
TOG_RUNLS	0.172608323	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.003987216**
TOG_STREX	0.273635637	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.006320925**

CH4_IDLEX	2.48880282	0.012138382	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.015400272**
CH4_RUNEX	0.007560635	0.002226152	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.002734773**
CH4_STREX	0.063035047	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.001456096**
CO_IDLEX	82.24087757	9.266358985	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**1.25937492**
CO_RUNEX	0.764248152	0.165986212	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.223028092**
CO_STREX	10.14112998	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.234257959**
CO2_NBIO_IDLEX	2456.505086	3367.846732	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**299.2892817**
CO2_NBIO_RUNEX	819.299152	1025.836139	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**1006.143664**
CO2_NBIO_STREX	49.3571727	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**1.140140255**
NOX_IDLEX	0.9265304	27.38285508	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**2.32343024**
NOX_RUNEX	0.288460898	3.285472727	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**2.999719654**
NOX_STREX	0.50873963	1.523405554	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**1.499966986**
PM10_IDLEX	0	0.023969659	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.002029137**
PM10_PMBW	0.744800204	0.744800213	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.744800213**
PM10_PMTW	0.008000002	0.012000003	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.011618619**
PM10_RUNEX	0.001450715	0.019277086	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.017577413**
PM10_STREX	0.00065684	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**1.51729E-05**
PM25_IDLEX	0	0.022932742	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.001941358**
PM25_PMBW	0.319200087	0.319200091	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.319200091**
PM25_PMTW	0.002000001	0.003000001	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.002904655**
PM25_RUNEX	0.001333879	0.018443168	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.016811866**
PM25_STREX	0.00060394	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**1.39509E-05**
ROG_DIURN	0.005188982	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**2.99661E-05**
ROG_HTSK	0.032340281	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.000747054**
ROG_IDLEX	10.64151815	0.261336027	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.083577453**
ROG_RESTL	0.002770133	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**1.59974E-05**
ROG_RUNEX	0.035981243	0.047928439	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.046789321**
ROG_RUNLS	0.260093371	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.006008102**
ROG_STREX	0.350780364	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.008102952**
SO2_IDLEX	0.024309109	0.031817746	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.002833896**
SO2_RUNEX	0.008107629	0.009691591	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.009540567**
SO2_STREX	0.000488429	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**1.12826E-05**
TOG_DIURN	0.005188982	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**2.99661E-05**
TOG_HTSK	0.032340281	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.000747054**
TOG_IDLEX	15.5280783	0.297511173	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.114859466**
TOG_RESTL	0.002770133	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**1.59974E-05**
TOG_RUNEX	0.052503745	0.054562879	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.054366549**
TOG_RUNLS	0.260093371	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.006008102**
TOG_STREX	0.384060345	0	0	60.62213418	888.6542454	0	3079.941213	29222.84434	0	242.4885367	10254.94678	0	**0.008871713**

MH CalEEMod Emission Rate Worksheet

Vehicle Class: MH

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	MH Gas	MH DSL	MH NG	MH Gas	MH DSL	MH NG	MH Gas	MH DSL	MH NG	**Rate**
CH4_IDLEX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
CH4_RUNEX	0.005409479	0.005409479	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0.005409479**
CH4_STREX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
CO_IDLEX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
CO_RUNEX	0.420437573	0.420437573	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0.420437573**
CO_STREX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
CO2_NBIO_IDLEX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
CO2_NBIO_RUNEX	1022.719995	1022.719995	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**1022.719995**
CO2_NBIO_STREX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
NOX_IDLEX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
NOX_RUNEX	4.470056183	4.470056183	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**4.470056183**
NOX_STREX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
PM10_IDLEX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0.016000005**
PM10_RUNEX	0.106954043	0.106954043	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0.106954043**
PM10_STREX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
PM25_IDLEX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0.004000001**
PM25_RUNEX	0.102327259	0.102327259	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0.102327259**
PM25_STREX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
ROG_DIURN	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
ROG_HTSK	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
ROG_IDLEX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
ROG_RESTL	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
ROG_RUNEX	0.116462894	0.116462894	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0.116462894**
ROG_RUNLS	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
ROG_STREX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
SO2_IDLEX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
SO2_RUNEX	0.009668382	0.009668382	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0.009668382**
SO2_STREX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
TOG_DIURN	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
TOG_HTSK	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
TOG_IDLEX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
TOG_RESTL	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
TOG_RUNEX	0.132585262	0.132585262	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0.132585262**
TOG_RUNLS	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
TOG_STREX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
CH4_IDLEX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
CH4_RUNEX	0.005409479	0.005409479	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0.005409479**
CH4_STREX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
CO_IDLEX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
CO_RUNEX	0.420437573	0.420437573	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0.420437573**
CO_STREX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
CO2_NBIO_IDLEX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
CO2_NBIO_RUNEX	1022.719995	1022.719995	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**1022.719995**
CO2_NBIO_STREX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
NOX_IDLEX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
NOX_RUNEX	4.30300687	4.30300687	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**4.30300687**
NOX_STREX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
PM10_IDLEX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0.016000005**
PM10_RUNEX	0.106954043	0.106954043	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0.106954043**
PM10_STREX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
PM25_IDLEX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0.004000001**
PM25_RUNEX	0.102327259	0.102327259	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0.102327259**
PM25_STREX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
ROG_DIURN	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
ROG_HTSK	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
ROG_IDLEX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
ROG_RESTL	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
ROG_RUNEX	0.116462894	0.116462894	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0.116462894**
ROG_RUNLS	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
ROG_STREX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
SO2_IDLEX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
SO2_RUNEX	0.009668382	0.009668382	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0.009668382**
SO2_STREX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
TOG_DIURN	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
TOG_HTSK	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
TOG_IDLEX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
TOG_RESTL	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
TOG_RUNEX	0.132585262	0.132585262	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0.132585262**
TOG_RUNLS	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
TOG_STREX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**

CH4_IDLEX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
CH4_RUNEX	0.005409479	0.005409479	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0.005409479**
CH4_STREX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
CO_IDLEX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
CO_RUNEX	0.420437573	0.420437573	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0.420437573**
CO_STREX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
CO2_NBIO_IDLEX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
CO2_NBIO_RUNEX	1022.719995	1022.719995	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**1022.719995**
CO2_NBIO_STREX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
NOX_IDLEX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
NOX_RUNEX	4.538406629	4.538406629	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**4.538406629**
NOX_STREX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
PM10_IDLEX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0.016000005**
PM10_RUNEX	0.106954043	0.106954043	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0.106954043**
PM10_STREX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
PM25_IDLEX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0.004000001**
PM25_RUNEX	0.102327259	0.102327259	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0.102327259**
PM25_STREX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
ROG_DIURN	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
ROG_HTSK	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
ROG_IDLEX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
ROG_RESTL	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
ROG_RUNEX	0.116462894	0.116462894	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0.116462894**
ROG_RUNLS	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
ROG_STREX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
SO2_IDLEX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
SO2_RUNEX	0.009668382	0.009668382	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0.009668382**
SO2_STREX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
TOG_DIURN	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
TOG_HTSK	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
TOG_IDLEX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
TOG_RESTL	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
TOG_RUNEX	0.132585262	0.132585262	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0.132585262**
TOG_RUNLS	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**
TOG_STREX	0	0	0	1897.63768	786.6124736	0	17272.42036	7158.014809	0	189.8396735	78.66124736	0	**0**

EMFAC2017 Derived CalEEMod Annual Emission Rates: Year 2025[1,2]

Season	Pollutant	LDA	LDT1	LDT2	MDV	LHDT1	LHDT2	MHDT	HHDT	OBUS	UBUS	MCY	SBUS	MH
Annual	CH4_IDLEX	0	0	0	0	0.0046448	0.002808585	0.003999673	0.024216356	0.0088011	0	0	0.0165444	0
Annual	CH4_RUNEX	0.0015732	0.0033009	0.0025819	0.0033985	0.0078327	0.006569423	0.001862354	0.045967443	0.0079494	0.0528768	0.3345864	0.0024232	0.0051802
Annual	CH4_STREX	0.0431566	0.0591433	0.0597954	0.0715539	0.012868	0.006761225	0.009926743	3.69885E-07	0.0248249	0.0014025	0.2572113	0.001343	0
Annual	CO_IDLEX	0	0	0	0	0.175375	0.131724825	0.439026177	6.259647298	0.5154999	0	0	1.2953231	0
Annual	CO_RUNEX	0.4942992	0.7876487	0.6657739	0.7644062	0.7232202	0.609755913	0.244828333	0.40476059	0.8632105	0.1016241	19.68463	0.2060878	0.3961667
Annual	CO_STREX	2.0762101	2.2566905	2.6616696	2.9625582	0.9690705	0.527224926	1.132745182	0.005233756	2.7810054	0.2244964	9.0999766	0.1934276	0
Annual	CO2_NBIO_IDLEX	0	0	0	0	9.0183864	14.15722436	82.8157134	1019.513561	67.377316	0	0	294.12737	0
Annual	CO2_NBIO_RUNEX	238.54418	287.46731	304.83988	376.80124	764.23689	742.1259192	1095.89333	1381.702646	1458.4874	1221.5375	213.26625	970.43934	997.1524
Annual	CO2_NBIO_STREX	50.674699	61.725772	65.782921	80.508641	10.665222	6.884918752	9.874019372	0.040806139	21.166421	2.7134186	61.407051	1.1058256	0
Annual	NOX_IDLEX	0	0	0	0	0.0674461	0.101014172	0.496837357	5.293706225	0.2470276	0	0	2.1350458	0
Annual	NOX_RUNEX	0.0273277	0.0618568	0.0510929	0.0711156	0.8461047	0.874872042	1.469755084	2.645886543	1.1026827	0.5590894	1.1612815	2.5775848	4.1852466
Annual	NOX_STREX[3]	0.1638174	0.2199339	0.2383099	0.2958049	0.2878297	0.15881857	1.663166557	2.359789849	0.7017131	0.0230997	0.272416	1.605964	0
Annual	PM10_IDLEX	0	0	0	0	0.0009355	0.001484589	0.00041454	0.002512424	8.308E-05	0	0	0.001379	0
Annual	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060860889	0.13034	0.0641875	0.01176	0.7448002	0.13034
Annual	PM10_PMTW	0.008	0.008	0.008	0.008	0.0099156	0.010849665	0.012000003	0.035478321	0.012	0.0232291	0.004	0.0115967	0.016
Annual	PM10_RUNEX	0.0012789	0.0015614	0.0013166	0.0014063	0.0119488	0.016794525	0.007233067	0.024798032	0.0060958	0.004328	0.0020618	0.0155549	0.0957251
Annual	PM10_STREX	0.0016773	0.0020903	0.0016749	0.0017417	0.0002243	0.000108116	0.000124617	5.88388E-07	0.0002125	4.633E-05	0.0029915	1.676E-05	0
Annual	PM25_IDLEX	0	0	0	0	0.000895	0.001420366	0.000396608	0.002403738	7.949E-05	0	0	0.0013193	0
Annual	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.026083238	0.05586	0.0275089	0.00504	0.3192001	0.05586
Annual	PM25_PMTW	0.002	0.002	0.002	0.002	0.0024789	0.002712416	0.003000001	0.00886958	0.003	0.0058073	0.001	0.0028992	0.004
Annual	PM25_RUNEX	0.0011778	0.0014365	0.0012119	0.0012971	0.0113874	0.016045583	0.006912101	0.023725255	0.0058081	0.0041329	0.0019268	0.0148764	0.0915841
Annual	PM25_STREX	0.0015422	0.001922	0.00154	0.0016015	0.0002062	9.94083E-05	0.000114581	5.41001E-07	0.0001953	4.26E-05	0.0028126	1.541E-05	0
Annual	ROG_DIURN	0.0354885	0.0783696	0.0571072	0.0703395	0.0017027	0.000758882	0.000375311	1.61824E-06	0.0016797	0.0003152	0.8893842	8.867E-05	0
Annual	ROG_HTSK	0.0890926	0.1621329	0.1167451	0.1425104	0.0698451	0.031694897	0.01921924	7.53154E-05	0.0275751	0.0009966	0.7349189	0.000841	0
Annual	ROG_IDLEX	0	0	0	0	0.0196889	0.014757537	0.020348641	0.422809885	0.0478036	0	0	0.0889785	0
Annual	ROG_RESTL	0.0352272	0.0719808	0.0614234	0.0773916	0.0009856	0.000459709	0.000220765	1.01311E-06	0.0008173	6.63E-05	0.5559603	4.26E-05	0
Annual	ROG_RUNEX	0.0057594	0.0138142	0.0100048	0.0138948	0.0966641	0.112921415	0.01674627	0.025164402	0.0426521	0.0013006	2.265859	0.0409704	0.1115273
Annual	ROG_RUNLS	0.2024596	0.595996	0.4181489	0.4689793	0.5066857	0.19692242	0.105770239	0.000405471	0.2986146	0.0029754	1.9877846	0.0055354	0
Annual	ROG_STREX	0.1888761	0.2838549	0.2701392	0.3448971	0.0645051	0.033137182	0.051421487	1.93355E-06	0.1302221	0.0047783	1.9651316	0.0074667	0
Annual	SO2_IDLEX	0	0	0	0	8.727E-05	0.000135159	0.0007855	0.009489077	0.0006432	0	0	0.0027854	0
Annual	SO2_RUNEX	0.0022895	0.0027594	0.0029259	0.0036156	0.0074498	0.00715654	0.010468659	0.012649372	0.0142002	0.0115916	0.0021104	0.0092041	0.0094267
Annual	SO2_STREX	0.0004864	0.0005925	0.0006315	0.0007728	0.0001055	6.81319E-05	9.77114E-05	4.0381E-07	0.0002095	2.685E-05	0.0006077	1.094E-05	0
Annual	TOG_DIURN	0.0355451	0.0784949	0.0571985	0.070452	0.0017027	0.000758882	0.000375311	1.61824E-06	0.0016797	0.0003152	0.8893842	8.867E-05	0
Annual	TOG_HTSK	0.0892349	0.1623922	0.1169317	0.1427383	0.0698451	0.031694897	0.01921924	7.53154E-05	0.0275751	0.0009966	0.7349189	0.000841	0
Annual	TOG_IDLEX	0	0	0	0	0.0275348	0.01965603	0.027571473	0.485939525	0.0640858	0	0	0.1225115	0
Annual	TOG_RESTL	0.0352835	0.072096	0.0615217	0.0775154	0.0009856	0.000459709	0.000220765	1.01311E-06	0.0008173	6.63E-05	0.5559603	4.26E-05	0
Annual	TOG_RUNEX	0.0083827	0.0201794	0.0145867	0.0202223	0.1164612	0.130840535	0.021143672	0.073727305	0.0603454	0.0545532	2.8066272	0.0476524	0.1269664
Annual	TOG_RUNLS	0.2027836	0.5969496	0.4188179	0.4697296	0.5066857	0.19692242	0.105770239	0.000405471	0.2986146	0.0029754	1.9877846	0.0055354	0
Annual	TOG_STREX	0.2071264	0.3112826	0.2962417	0.3782228	0.0706249	0.036281043	0.056300056	2.11699E-06	0.1425768	0.0052316	2.1386553	0.0081751	0
Summer	CH4_IDLEX	0	0	0	0	0.0046599	0.002817047	0.003771123	0.025581944	0.0088825	0	0	0.0166034	0
Summer	CH4_RUNEX	0.0018177	0.0037716	0.0029673	0.0039019	0.0080026	0.006631891	0.001918675	0.045968883	0.0082521	0.0528841	0.3250892	0.0024486	0.0051802
Summer	CH4_STREX	0.0355202	0.0483142	0.0491005	0.0587033	0.012065	0.006341061	0.009293746	3.42741E-07	0.0230773	0.0012358	0.2119527	0.0010891	0
Summer	CO_IDLEX	0	0	0	0	0.175375	0.131724825	0.369661361	6.171524934	0.5118254	0	0	1.2711735	0

Summer	CO_RUNEX	0.6030131	0.9481746	0.8068474	0.9244184	0.7377868	0.61465712	0.250189596	0.405372926	0.8937309	0.1020871	18.968961	0.2085864	0.3961667
Summer	CO_STREX	1.5882211	1.7220043	2.0295571	2.2542558	0.8911246	0.485376844	1.031562325	0.004766334	2.5009433	0.1848537	7.8193626	0.1334042	0
Summer	CO2_NBIO_IDLEX	0	0	0	0	9.0183864	14.15722436	82.94692398	1007.80463	66.671156	0	0	295.8013	0
Summer	CO2_NBIO_RUNEX	260.30395	310.01918	326.48799	399.24292	764.26361	742.1348466	1095.902893	1381.70365	1458.5421	1221.5383	211.82421	970.44383	997.1524
Summer	CO2_NBIO_STREX	49.757101	60.664719	64.576396	79.128172	10.527325	6.811238447	9.701760261	0.040064792	20.690429	2.6486802	58.163762	1.0059209	0
Summer	NOX_IDLEX	0	0	0	0	0.0674461	0.101014172	0.487865909	5.056644172	0.2347904	0	0	2.1237573	0
Summer	NOX_RUNEX	0.0246901	0.05537	0.0459388	0.0639754	0.80951	0.841043209	1.411360941	2.550174303	1.0414536	0.5587288	1.016237	2.4762717	4.0287773
Summer	NOX_STREX[3]	0.1441447	0.1935332	0.2097016	0.2602793	0.2664823	0.14704161	1.656012468	2.359769658	0.6810657	0.0212989	0.2477929	1.604957	0
Summer	PM10_IDLEX	0	0	0	0	0.0009355	0.001484589	0.000353151	0.002200372	7.382E-05	0	0	0.0011752	0
Summer	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060860889	0.13034	0.0641875	0.01176	0.7448002	0.13034
Summer	PM10_PMTW	0.008	0.008	0.008	0.008	0.0099156	0.010849665	0.012000003	0.035478321	0.012	0.0232291	0.004	0.0115967	0.016
Summer	PM10_RUNEX	0.0012789	0.0015614	0.0013166	0.0014063	0.0119488	0.016794525	0.007233067	0.024798032	0.0060958	0.004328	0.0020618	0.0155549	0.0957251
Summer	PM10_STREX	0.0016773	0.0020903	0.0016749	0.0017417	0.0002243	0.000108116	0.000124617	5.88388E-07	0.0002125	4.633E-05	0.0029915	1.676E-05	0
Summer	PM25_IDLEX	0	0	0	0	0.000895	0.001420366	0.000337874	0.002105185	7.063E-05	0	0	0.0011244	0
Summer	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.026083238	0.05586	0.0275089	0.00504	0.3192001	0.05586
Summer	PM25_PMTW	0.002	0.002	0.002	0.002	0.0024789	0.002712416	0.003000001	0.00886958	0.003	0.0058073	0.001	0.0028992	0.004
Summer	PM25_RUNEX	0.0011778	0.0014365	0.0012119	0.0012971	0.0113874	0.016045583	0.006912101	0.023725255	0.0058081	0.0041329	0.0019268	0.0148764	0.0915841
Summer	PM25_STREX	0.0015422	0.001922	0.00154	0.0016015	0.0002062	9.94083E-05	0.000114581	5.41001E-07	0.0001953	4.26E-05	0.0028126	1.541E-05	0
Summer	ROG_DIURN	0.0912102	0.2037306	0.1436889	0.1758653	0.0043126	0.001911688	0.000975937	4.75008E-06	0.0041023	0.0009134	2.6147261	0.0002253	0
Summer	ROG_HTSK	0.1003168	0.1896211	0.1312047	0.158968	0.0798905	0.036216827	0.022171042	8.64256E-05	0.0294292	0.0014136	1.0713306	0.0008995	0
Summer	ROG_IDLEX	0	0	0	0	0.0196889	0.014757537	0.019631841	0.447314099	0.0488634	0	0	0.089754	0
Summer	ROG_RESTL	0.0796208	0.1641319	0.1353177	0.1699251	0.002251	0.001047893	0.000531286	2.8724E-06	0.0018562	0.0001998	1.6935136	0.0001049	0
Summer	ROG_RUNEX	0.0065284	0.0155694	0.011311	0.0156873	0.0975052	0.11319009	0.016993128	0.025172332	0.0441251	0.0013202	2.1799794	0.0410915	0.1115273
Summer	ROG_RUNLS	0.1916958	0.5582399	0.3924577	0.4414785	0.4940193	0.1919292	0.103020063	0.000404105	0.2923465	0.0028002	1.8802965	0.0047045	0
Summer	ROG_STREX	0.1526515	0.2280821	0.2180366	0.2782725	0.0602309	0.030948062	0.04788318	1.8005E-06	0.120667	0.0042117	1.6000457	0.0060477	0
Summer	SO2_IDLEX	0	0	0	0	8.727E-05	0.000135159	0.000786895	0.009379529	0.0006366	0	0	0.0028012	0
Summer	SO2_RUNEX	0.0024984	0.0029759	0.0031337	0.003831	0.0074501	0.007156629	0.010468753	0.012649382	0.0142008	0.0115916	0.0020962	0.0092042	0.0094267
Summer	SO2_STREX	0.0004776	0.0005823	0.0006199	0.0007596	0.0001042	6.74027E-05	9.60068E-05	3.96474E-07	0.0002047	2.621E-05	0.0005756	9.954E-06	0
Summer	TOG_DIURN	0.0913556	0.2040564	0.1439185	0.1761464	0.0043126	0.001911688	0.000975937	4.75008E-06	0.0041023	0.0009134	2.6147261	0.0002253	0
Summer	TOG_HTSK	0.100477	0.1899244	0.1314145	0.1592222	0.0798905	0.036216827	0.022171042	8.64256E-05	0.0294292	0.0014136	1.0713306	0.0008995	0
Summer	TOG_IDLEX	0	0	0	0	0.0275348	0.01965603	0.026441992	0.514064152	0.0652923	0	0	0.1233944	0
Summer	TOG_RESTL	0.0797479	0.1643944	0.1355341	0.1701968	0.002251	0.001047893	0.000531286	2.8724E-06	0.0018562	0.0001998	1.6935136	0.0001049	0
Summer	TOG_RUNEX	0.0095065	0.0227447	0.0164958	0.0228418	0.1176886	0.131232585	0.021503886	0.073738875	0.0624949	0.0545819	2.70317	0.0478292	0.1269664
Summer	TOG_RUNLS	0.1920026	0.5591331	0.3930856	0.4421849	0.4940193	0.1919292	0.103020063	0.000404105	0.2923465	0.0028002	1.8802965	0.0047045	0
Summer	TOG_STREX	0.1674016	0.2501207	0.2391046	0.3051606	0.0659452	0.033884232	0.052426055	1.97132E-06	0.1321152	0.0046113	1.7414355	0.0066215	0

Winter	CH4_IDLEX	0	0	0	0	0.0046322	0.002801535	0.004223339	0.018061788	0.0087097	0	0	0.0164785	0
Winter	CH4_RUNEX	0.0015045	0.0031705	0.0024732	0.00326	0.0076967	0.006518802	0.001817722	0.001138932	0.0077139	0.052871	0.3466687	0.0024038	0.0051802
Winter	CH4_STREX	0.04864	0.0669496	0.0674797	0.0807884	0.013549	0.007117071	0.010466455	3.93393E-07	0.026155	0.0015269	0.300595	0.0015254	0
Winter	CO_IDLEX	0	0	0	0	0.175375	0.131724825	0.510598928	6.29620315	0.5205742	0	0	1.3286726	0
Winter	CO_RUNEX	0.4847523	0.7745224	0.6536712	0.7510553	0.7119352	0.605947509	0.240728423	0.251913588	0.8399311	0.1012761	21.448388	0.2042188	0.3961667
Winter	CO_STREX	2.4743679	2.6925434	3.174694	3.5364341	1.0429724	0.56681598	1.228820796	0.005677397	3.0091159	0.2575792	10.567575	0.2416627	0
Winter	CO2_NBIO_IDLEX	0	0	0	0	9.0183864	14.15722436	82.76652275	1020.413093	68.352488	0	0	291.81574	0
Winter	CO2_NBIO_RUNEX	235.57205	284.39206	301.88588	373.74062	764.21613	742.1189489	1095.885997	1338.861269	1458.4455	1221.5369	216.44254	970.43598	997.1524
Winter	CO2_NBIO_STREX	51.414585	62.578264	66.750411	81.612561	10.794615	6.953942025	10.03656843	0.04150973	21.552479	2.7672731	64.926724	1.1857108	0
Winter	NOX_IDLEX	0	0	0	0	0.0674461	0.101014172	0.50924599	5.542202944	0.2639266	0	0	2.1506348	0
Winter	NOX_RUNEX	0.030124	0.0683492	0.0564092	0.0784694	0.8636054	0.889962796	1.494777006	2.674484482	1.1345477	0.559309	1.2515294	2.6201588	4.2492708
Winter	NOX_STREX[3]	0.1802401	0.2418891	0.2621721	0.3254164	0.3072396	0.169534404	1.669636302	2.359808108	0.7203519	0.024625	0.293228	1.6067365	0
Winter	PM10_IDLEX	0	0	0	0	0.0009355	0.001484589	0.000499317	0.002874779	9.587E-05	0	0	0.0016604	0
Winter	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060005402	0.13034	0.0641875	0.01176	0.7448002	0.13034
Winter	PM10_PMTW	0.008	0.008	0.008	0.008	0.0099156	0.010849665	0.012000003	0.034979495	0.012	0.0232291	0.004	0.0115967	0.016
Winter	PM10_RUNEX	0.0012789	0.0015614	0.0013166	0.0014063	0.0119488	0.016794525	0.007233067	0.024746564	0.0060958	0.004328	0.0020618	0.0155549	0.0957251
Winter	PM10_STREX	0.0016773	0.0020903	0.0016749	0.0017417	0.0002243	0.000108116	0.000124617	5.88388E-07	0.0002125	4.633E-05	0.0029915	1.676E-05	0
Winter	PM25_IDLEX	0	0	0	0	0.000895	0.001420366	0.000477717	0.002750418	9.172E-05	0	0	0.0015886	0
Winter	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.025716601	0.05586	0.0275089	0.00504	0.3192001	0.05586
Winter	PM25_PMTW	0.002	0.002	0.002	0.002	0.0024789	0.002712416	0.003000001	0.008744874	0.003	0.0058073	0.001	0.0028992	0.004
Winter	PM25_RUNEX	0.0011778	0.0014365	0.0012119	0.0012971	0.0113874	0.016045583	0.006912101	0.023676013	0.0058081	0.0041329	0.0019268	0.0148764	0.0915841
Winter	PM25_STREX	0.0015422	0.001922	0.00154	0.0016015	0.0002062	9.94083E-05	0.000114581	5.41001E-07	0.0001953	4.26E-05	0.0028126	1.541E-05	0
Winter	ROG_DIURN	0.0127181	0.0264098	0.0221262	0.027776	0.0006115	0.000288852	0.00013216	4.8598E-07	0.0007282	8.013E-05	0.1741535	3.579E-05	0
Winter	ROG_HTSK	0.0916203	0.1693728	0.1197377	0.1457447	0.0759493	0.033446304	0.019914086	8.38488E-05	0.0280628	0.0010676	0.8365092	0.0008559	0
Winter	ROG_IDLEX	0	0	0	0	0.0196889	0.014757537	0.020966243	0.388865349	0.04634	0	0	0.0879075	0
Winter	ROG_RESTL	0.0157668	0.0321495	0.0279683	0.0352534	0.000441	0.000210746	9.5297E-05	3.44905E-07	0.0003906	2.144E-05	0.1739135	1.915E-05	0
Winter	ROG_RUNEX	0.0055849	0.0134292	0.0097076	0.0135097	0.0959988	0.112704889	0.016552673	0.023863018	0.0415061	0.001285	2.3715418	0.0408776	0.1115273
Winter	ROG_RUNLS	0.2391496	0.7317596	0.5081997	0.5663734	0.5622211	0.219825541	0.119562621	0.000440687	0.3254659	0.0034749	2.3643278	0.0071643	0
Winter	ROG_STREX	0.2158902	0.3257255	0.3090362	0.3946712	0.0681556	0.035004699	0.05447874	2.0485E-06	0.1375169	0.0052	2.3242486	0.0084882	0
Winter	SO2_IDLEX	0	0	0	0	8.727E-05	0.000135159	0.00078488	0.009640357	0.0006524	0	0	0.0027636	0
Winter	SO2_RUNEX	0.002261	0.0027299	0.0028975	0.0035862	0.0074496	0.007156471	0.010468586	0.012649364	0.0141998	0.0115916	0.0021419	0.0092041	0.0094267
Winter	SO2_STREX	0.0004935	0.0006007	0.0006408	0.0007834	0.0001068	6.88149E-05	9.932E-05	4.10772E-07	0.0002133	2.738E-05	0.0006425	1.173E-05	0
Winter	TOG_DIURN	0.0127384	0.0264521	0.0221616	0.0278204	0.0006115	0.000288852	0.00013216	4.8598E-07	0.0007282	8.013E-05	0.1741535	3.579E-05	0
Winter	TOG_HTSK	0.0917666	0.1696437	0.1199292	0.1459778	0.0759493	0.033446304	0.019914086	8.38488E-05	0.0280628	0.0010676	0.8365092	0.0008559	0
Winter	TOG_IDLEX	0	0	0	0	0.0275348	0.01965603	0.028588024	0.442693599	0.0624197	0	0	0.1212923	0
Winter	TOG_RESTL	0.0157921	0.032201	0.0280131	0.0353098	0.000441	0.000210746	9.5297E-05	3.44905E-07	0.0003906	2.144E-05	0.1739135	1.915E-05	0
Winter	TOG_RUNEX	0.0081276	0.0196168	0.0141525	0.0196591	0.1154904	0.130524582	0.020861176	0.027222731	0.0586733	0.0545305	2.934645	0.0475171	0.1269664
Winter	TOG_RUNLS	0.2395322	0.7329304	0.5090128	0.5672796	0.5622211	0.219825541	0.119562621	0.000440687	0.3254659	0.0034749	2.3643278	0.0071643	0
Winter	TOG_STREX	0.2367508	0.357199	0.3388971	0.4328064	0.0746218	0.03832574	0.059647363	2.24285E-06	0.1505637	0.0056934	2.5293469	0.0092935	0

1 Source: California Air Resources Board. EMFAC2017 Web Database. https://www.arb.ca.gov/emfac/2017/; California Air Pollution Control Officers Association (CAPCOA). 2017, November. California Emissions Estimator Model User's Guide, Version 2016.3.2, Appendix A.

2 Unless otherwise noted, per CalEEMod methodology, the calculated CalEEMod emission rates are derived from the emission rates obtained using the EMFAC2017 Web Database for the Contra Costa (SF) region .

3 Because EMFAC2017 provides vehicle trips data for MHDT and HHDT diesel trucks, the formula provided in Appendix A of the CalEEMod User's Guide in calculating the NO_X STREX emission rates are utilized.

Off-Model SAFE Rule Adjustment Factors for Gasoline Light Duty Vehicle (LDA, LDT1, LDT2, MDV) Emissions in EMFAC2017

Year	NOx Exh	TOG Evap	TOG Exh	PM Exh	CO Exh	CO2 Exh
2021	1.0002	1.0001	1.0002	1.0009	1.0005	1.0023
2022	1.0004	1.0003	1.0004	1.0018	1.0014	1.0065
2023	1.0007	1.0006	1.0007	1.0032	1.0027	1.0126
2024	1.0012	1.001	1.0011	1.0051	1.0044	1.0207
2025	1.0018	1.0016	1.0016	1.0074	1.0065	1.0309
2026	1.0023	1.0022	1.002	1.0091	1.0083	1.0394
2027	1.0028	1.0028	1.0024	1.0105	1.0102	1.0475
2028	1.0034	1.0035	1.0028	1.0117	1.012	1.0554
2029	1.004	1.0042	1.0032	1.0129	1.0138	1.0629
2030	1.0047	1.0051	1.0037	1.0142	1.0156	1.0702
2031	1.0054	1.0061	1.0042	1.0155	1.0173	1.077
2032	1.0061	1.0072	1.0047	1.0169	1.0189	1.0834
2033	1.0068	1.0083	1.0052	1.0182	1.0204	1.0893
2034	1.0075	1.0095	1.0058	1.0196	1.0218	1.0947
2035	1.0081	1.0108	1.0063	1.021	1.0232	1.0997
2036	1.0088	1.0121	1.0069	1.0223	1.0244	1.1041
2037	1.0094	1.0134	1.0074	1.0236	1.0255	1.108
2038	1.0099	1.0148	1.0079	1.0248	1.0265	1.1114
2039	1.0104	1.0161	1.0085	1.0259	1.0274	1.1143
2040	1.0109	1.0174	1.009	1.027	1.0281	1.1168
2041	1.0113	1.0186	1.0095	1.0279	1.0288	1.1189
2042	1.0116	1.0198	1.0099	1.0286	1.0294	1.1207
2043	1.0119	1.0207	1.0103	1.0293	1.0299	1.1221
2044	1.0122	1.0216	1.0106	1.0299	1.0303	1.1233
2045	1.0124	1.0225	1.0109	1.0303	1.0306	1.1243
2046	1.0125	1.0233	1.0111	1.0308	1.0309	1.1251
2047	1.0127	1.024	1.0113	1.0311	1.0311	1.1258
2048	1.0128	1.0246	1.0115	1.0314	1.0313	1.1263
2049	1.0128	1.0252	1.0116	1.0316	1.0315	1.1268
2050	1.0129	1.0257	1.0117	1.0318	1.0316	1.1272

Sources: California Air Resources Board. 2019, November 20. EMFAC Off-Model Adjustment Factors to Account for the SAFE Vehicles Rule Part One and the Final Safe Rule. hhttps://ww3.arb.ca.gov/msei/emfac_off_model_adjustment_factors_final_draft.pdf; California Air Resources Board. 2020, June 26. EMFAC Off-Model Adjustment Factors for Carbon Dioxide (CO2) Emissions to Account for the SAFE Vehicles Rule Part One and the Final Safe Rule. https://ww3.arb.ca.gov/msei/emfac_off_model_co2_adjustment_factors_06262020-final.pdf.

LDA CalEEMod Emission Rate Worksheet

Vehicle Class: LDA

Pollutant	CARB SAFE Rule Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	LDA Gas	LDA DSL	LDA Elec	LDA Gas	LDA DSL	LDA Elec	LDA Gas	LDA DSL	LDA Elec	
CH4_IDLEX		0	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0**
CH4_RUNEX		0.0016442	0.000452091	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.001573177**
CH4_STREX		0.045067111	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.043156624**
CO_IDLEX	1.0065	0	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0**
CO_RUNEX	1.0065	0.516202444	0.177533885	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.494299164**
CO_STREX	1.0065	2.168121215	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**2.076210149**
CO2_NBIO_IDLEX	1.0309	0	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0**
CO2_NBIO_RUNEX	1.0309	247.8818787	191.7442569	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**238.5441806**
CO2_NBIO_STREX	1.0309	52.91800052	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**50.67469889**
NOX_IDLEX	1.0018	0	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0**
NOX_RUNEX	1.0018	0.028137537	0.044331971	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.027327719**
NOX_STREX	1.0018	0.171069428	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.163817447**
PM10_IDLEX	1.0074	0	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.008000002**
PM10_RUNEX	1.0074	0.001289176	0.004452604	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.001278911**
PM10_STREX	1.0074	0.00175151	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.00167726**
PM25_IDLEX	1.0074	0	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.002000001**
PM25_RUNEX	1.0074	0.00118535	0.004259986	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.001177752**
PM25_STREX	1.0074	0.001610449	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.001542178**
ROG_DIURN		0.173395724	0	0.016340367	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.035488514**
ROG_HTSK		0.092876107	0	0.004888026	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.089092555**
ROG_IDLEX		0	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0**
ROG_RESTL		0.17246912	0	0.0050371	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.035227197**
ROG_RUNEX		0.005925569	0.009733262	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.00575943**
ROG_RUNLS		0.211422255	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.202459636**
ROG_STREX		0.197237362	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.188876069**
SO2_IDLEX		0	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0**
SO2_RUNEX		0.002379467	0.001812673	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.002289523**
SO2_STREX		0.00050797	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.000486436**
TOG_DIURN	1.0016	0.173673158	0	0.016340367	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.035545129**
TOG_HTSK	1.0016	0.093024709	0	0.004888026	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.089234858**
TOG_IDLEX	1.0016	0	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0**
TOG_RESTL	1.0016	0.172745071	0	0.0050371	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.035283509**
TOG_RUNEX	1.0016	0.00866041	0.011080672	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.008382737**
TOG_RUNLS	1.0016	0.211760531	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.202783572**
TOG_STREX	1.0016	0.216295605	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.207126394**
CH4_IDLEX		0	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0**
CH4_RUNEX		0.001900619	0.000452091	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.001817739**
CH4_STREX		0.037092632	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.0355202**
CO_IDLEX	1.0065	0	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0**
CO_RUNEX	1.0065	0.630187496	0.177533885	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.603013149**
CO_STREX	1.0065	1.658529526	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**1.588221088**
CO2_NBIO_IDLEX	1.0309	0	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0**
CO2_NBIO_RUNEX	1.0309	270.6966894	191.7442569	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**260.3039549**
CO2_NBIO_STREX	1.0309	51.9597817	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**49.75710091**
NOX_IDLEX	1.0018	0	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0**
NOX_RUNEX	1.0018	0.0253917	0.042641065	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.024690117**
NOX_STREX	1.0018	0.15052583	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.144144734**
PM10_IDLEX	1.0074	0	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.008000002**
PM10_RUNEX	1.0074	0.001289176	0.004452604	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.001278911**
PM10_STREX	1.0074	0.00175151	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.00167726**
PM25_IDLEX	1.0074	0	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.002000001**
PM25_RUNEX	1.0074	0.00118535	0.004259986	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.001177752**
PM25_STREX	1.0074	0.001610449	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.001542178**
ROG_DIURN		0.445241461	0	0.055052995	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.091210247**
ROG_HTSK		0.104597207	0	0.004888026	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.100316775**
ROG_IDLEX		0	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0**
ROG_RESTL		0.389351489	0	0.026225054	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.079620814**
ROG_RUNEX		0.006731774	0.009733262	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.006528354**
ROG_RUNLS		0.200181967	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.191695846**
ROG_STREX		0.159409207	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.152651527**
SO2_IDLEX		0	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0**
SO2_RUNEX		0.00259847	0.001812673	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.002498399**
SO2_STREX		0.000498772	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.000477628**
TOG_DIURN	1.0016	0.445953847	0	0.055052995	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.091355621**
TOG_HTSK	1.0016	0.104764563	0	0.004888026	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.100477036**
TOG_IDLEX	1.0016	0	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0**
TOG_RESTL	1.0016	0.389974452	0	0.026225054	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.079747939**
TOG_RUNEX	1.0016	0.009838706	0.011080672	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.009506544**
TOG_RUNLS	1.0016	0.200502258	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.19200256**
TOG_STREX	1.0016	0.174812269	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.167401622**

CH4_IDLEX		0	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0**
CH4_RUNEX		0.001572224	0.000452091	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.001504529**
CH4_STREX		0.05079328	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.04864005**
CO_IDLEX	1.0065	0	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0**
CO_RUNEX	1.0065	0.506192711	0.177533885	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.484752316**
CO_STREX	1.0065	2.583904866	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**2.474367885**
CO2_NBIO_IDLEX	1.0309	0	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0**
CO2_NBIO_RUNEX	1.0309	244.7656464	191.7442569	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**235.5720538**
CO2_NBIO_STREX	1.0309	53.69064059	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**51.41458518**
NOX_IDLEX	1.0018	0	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0**
NOX_RUNEX	1.0018	0.031061844	0.044981837	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.030123999**
NOX_STREX	1.0018	0.188219085	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.180240096**
PM10_IDLEX	1.0074	0	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.008000002**
PM10_RUNEX	1.0074	0.001289176	0.004452604	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.001278911**
PM10_STREX	1.0074	0.00175151	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.00167726**
PM25_IDLEX	1.0074	0	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.002000001**
PM25_RUNEX	1.0074	0.00118535	0.004259986	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.001177752**
PM25_STREX	1.0074	0.001610449	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.001542178**
ROG_DIURN		0.062300553	0	0.000728453	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.012718053**
ROG_HTSK		0.095515702	0	0.004888026	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.091620253**
ROG_IDLEX		0	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0**
ROG_RESTL		0.0772609	0	8.57726E-05	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.015766837**
ROG_RUNEX		0.005742556	0.009733262	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.00558488**
ROG_RUNLS		0.24973642	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.239149585**
ROG_STREX		0.225447408	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.215890234**
SO2_IDLEX		0	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0**
SO2_RUNEX		0.002349553	0.001812673	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.002260993**
SO2_STREX		0.000515387	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.000493539**
TOG_DIURN	1.0016	0.062400234	0	0.000728453	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.012738394**
TOG_HTSK	1.0016	0.095668528	0	0.004888026	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.0917666**
TOG_IDLEX	1.0016	0	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0**
TOG_RESTL	1.0016	0.077384517	0	8.57726E-05	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.015792063**
TOG_RUNEX	1.0016	0.008392931	0.011080672	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.008127627**
TOG_RUNLS	1.0016	0.250135998	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.239532225**
TOG_STREX	1.0016	0.24723147	0	0	432512.5195	4947.44779	13543.75031	15837466.96	184047.8509	583841.7818	2029629.204	23222.968	66626.02173	**0.236750828**

LDT1 CalEEMod Emission Rate Worksheet

Vehicle Class: LDT1

Pollutant	CARB SAFE Rule Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	LDT1 Gas	LDT1 DSL	LDT1 Elec	LDT1 Gas	LDT1 DSL	LDT1 Elec	LDT1 Gas	LDT1 DSL	LDT1 Elec	
CH4_IDLEX		0	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0**
CH4_RUNEX		0.003352234	0.00698933	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.003300893**
CH4_STREX		0.059968573	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.059143311**
CO_IDLEX	1.0065	0	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0**
CO_RUNEX	1.0065	0.800045523	1.00113976	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.787648698**
CO_STREX	1.0065	2.288179421	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**2.256690478**
CO2_NBIO_IDLEX	1.0309	0	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0**
CO2_NBIO_RUNEX	1.0309	291.9836558	402.4588327	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**287.4673105**
CO2_NBIO_STREX	1.0309	62.58706828	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**61.72577191**
NOX_IDLEX	1.0018	0	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0**
NOX_RUNEX	1.0018	0.062650485	0.900778002	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.061856783**
NOX_STREX	1.0018	0.223002769	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.219933901**
PM10_IDLEX	1.0074	0	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.008000002**
PM10_RUNEX	1.0074	0.001562157	0.110807313	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.00156139**
PM10_STREX	1.0074	0.002119482	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.002090315**
PM25_IDLEX	1.0074	0	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.002000001**
PM25_RUNEX	1.0074	0.001436346	0.106013838	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.00143653**
PM25_STREX	1.0074	0.001948786	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.001921967**
ROG_DIURN		0.364304488	0	0.016340367	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.078369556**
ROG_HTSK		0.164328609	0	0.004888026	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.162132881**
ROG_IDLEX		0	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0**
ROG_RESTL		0.334730729	0	0.0050371	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.071980834**
ROG_RUNEX		0.014002498	0.150476165	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.013814155**
ROG_RUNLS		0.604312302	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.595996015**
ROG_STREX		0.287815669	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.283854874**
SO2_IDLEX		0	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0**
SO2_RUNEX		0.002802808	0.003804683	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.002759442**
SO2_STREX		0.000600786	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.000592518**
TOG_DIURN	1.0016	0.364887375	0	0.016340367	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.078494877**
TOG_HTSK	1.0016	0.164591534	0	0.004888026	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.162392188**
TOG_IDLEX	1.0016	0	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0**
TOG_RESTL	1.0016	0.335266298	0	0.0050371	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.072095982**
TOG_RUNEX	1.0016	0.020465104	0.17130711	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.020179366**
TOG_RUNLS	1.0016	0.605279202	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.596949609**
TOG_STREX	1.0016	0.315626125	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.311282614**
CH4_IDLEX		0	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0**
CH4_RUNEX		0.003830526	0.00698933	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.003771645**
CH4_STREX		0.048988312	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.048314156**
CO_IDLEX	1.0065	0	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0**
CO_RUNEX	1.0065	0.96314256	1.00113976	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.948174576**
CO_STREX	1.0065	1.746032429	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**1.722004281**
CO2_NBIO_IDLEX	1.0309	0	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0**
CO2_NBIO_RUNEX	1.0309	314.8967402	402.4588327	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**310.0191794**
CO2_NBIO_STREX	1.0309	61.51120996	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**60.66471909**
NOX_IDLEX	1.0018	0	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0**
NOX_RUNEX	1.0018	0.056067328	0.86646529	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.055370019**
NOX_STREX	1.0018	0.196233722	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.193533238**
PM10_IDLEX	1.0074	0	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.008000002**
PM10_RUNEX	1.0074	0.001562157	0.110807313	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.00156139**
PM10_STREX	1.0074	0.002119482	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.002090315**
PM25_IDLEX	1.0074	0	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.002000001**
PM25_RUNEX	1.0074	0.001436346	0.106013838	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.00143653**
PM25_STREX	1.0074	0.001948786	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.001921967**
ROG_DIURN		0.946894283	0	0.055052995	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.203730648**
ROG_HTSK		0.192200351	0	0.004888026	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.189621065**
ROG_IDLEX		0	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0**
ROG_RESTL		0.763074681	0	0.026225054	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.164131928**
ROG_RUNEX		0.015785814	0.150476165	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.015569358**
ROG_RUNLS		0.566029396	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.558239943**
ROG_STREX		0.231264638	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.228082074**
SO2_IDLEX		0	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0**
SO2_RUNEX		0.003022755	0.003804683	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.002975922**
SO2_STREX		0.000590458	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.000582332**
TOG_DIURN	1.0016	0.948409314	0	0.055052995	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.204056381**
TOG_HTSK	1.0016	0.192507872	0	0.004888026	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.189924353**
TOG_IDLEX	1.0016	0	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0**
TOG_RESTL	1.0016	0.764295601	0	0.026225054	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.164394426**
TOG_RUNEX	1.0016	0.023071478	0.17130711	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.022744651**
TOG_RUNLS	1.0016	0.566935043	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.559133127**
TOG_STREX	1.0016	0.253610798	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.250120715**

CH4_IDLEX		0	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0**
CH4_RUNEX		0.003219715	0.00698933	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.003170462**
CH4_STREX		0.067883822	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.066949634**
CO_IDLEX	1.0065	0	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0**
CO_RUNEX	1.0065	0.786708962	1.00113976	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.774522382**
CO_STREX	1.0065	2.730114082	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**2.692543424**
CO2_NBIO_IDLEX	1.0309	0	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0**
CO2_NBIO_RUNEX	1.0309	288.8591528	402.4588327	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**284.3920641**
CO2_NBIO_STREX	1.0309	63.45145531	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**62.57826362**
NOX_IDLEX	1.0018	0	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0**
NOX_RUNEX	1.0018	0.069244061	0.913930126	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.068349246**
NOX_STREX	1.0018	0.245264347	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.241889124**
PM10_IDLEX	1.0074	0	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.008000002**
PM10_RUNEX	1.0074	0.001562157	0.110807313	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.00156139**
PM10_STREX	1.0074	0.002119482	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.002090315**
PM25_IDLEX	1.0074	0	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.002000001**
PM25_RUNEX	1.0074	0.001436346	0.106013838	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.00143653**
PM25_STREX	1.0074	0.001948786	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.001921967**
ROG_DIURN		0.122827	0	0.000728453	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.026409836**
ROG_HTSK		0.171669525	0	0.004888026	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.169372775**
ROG_IDLEX		0	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0**
ROG_RESTL		0.149531145	0	8.57726E-05	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.032149518**
ROG_RUNEX		0.013611408	0.150476165	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.013429231**
ROG_RUNLS		0.741970281	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.731759604**
ROG_STREX		0.330270552	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.32572551**
SO2_IDLEX		0	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0**
SO2_RUNEX		0.002772815	0.003804683	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.002729922**
SO2_STREX		0.000609083	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.000600701**
TOG_DIURN	1.0016	0.123023524	0	0.000728453	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.026452088**
TOG_HTSK	1.0016	0.171944196	0	0.004888026	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.169643666**
TOG_IDLEX	1.0016	0	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0**
TOG_RESTL	1.0016	0.149770395	0	8.57726E-05	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.032200957**
TOG_RUNEX	1.0016	0.019893513	0.17130711	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.019616786**
TOG_RUNLS	1.0016	0.743157433	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.732930419**
TOG_STREX	1.0016	0.36218325	0	0	44086.16313	19.97034247	550.4955203	1588789.645	347.5813181	25100.21586	202229.511	66.06051022	2755.767996	**0.357199039**

LDT2 CalEEMod Emission Rate Worksheet

Vehicle Class: LDT2

Pollutant	CARB SAFE Rule Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	LDT2 Gas	LDT2 DSL	LDT2 Elec	LDT2 Gas	LDT2 DSL	LDT2 Elec	LDT2 Gas	LDT2 DSL	LDT2 Elec	
CH4_IDLEX		0	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0**
CH4_RUNEX		0.002633857	0.000601172	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.002581878**
CH4_STREX		0.061298251	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.059795443**
CO_IDLEX	1.0065	0	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0**
CO_RUNEX	1.0065	0.679436497	0.125218391	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.665773919**
CO_STREX	1.0065	2.728563977	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**2.661669597**
CO2_NBIO_IDLEX	1.0309	0	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0**
CO2_NBIO_RUNEX	1.0309	309.3160227	262.1345782	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**304.839881**
CO2_NBIO_STREX	1.0309	67.43620961	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**65.78292111**
NOX_IDLEX	1.0018	0	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0**
NOX_RUNEX	1.0018	0.051944649	0.032253068	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.051092912**
NOX_STREX	1.0018	0.244299208	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.238309887**
PM10_IDLEX	1.0074	0	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.008000002**
PM10_RUNEX	1.0074	0.001308447	0.004291476	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.001316568**
PM10_STREX	1.0074	0.001717003	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.001674909**
PM25_IDLEX	1.0074	0	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.002000001**
PM25_RUNEX	1.0074	0.001203069	0.004105828	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.001211896**
PM25_STREX	1.0074	0.001578721	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.001540017**
ROG_DIURN		0.271314905	0	0.016340367	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.05710725**
ROG_HTSK		0.119596107	0	0.004888026	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.116745065**
ROG_IDLEX		0	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0**
ROG_RESTL		0.292018579	0	0.0050371	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.061423433**
ROG_RUNEX		0.010113963	0.01294288	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.010004766**
ROG_RUNLS		0.42865799	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.418148869**
ROG_STREX		0.276928472	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.270139202**
SO2_IDLEX		0	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0**
SO2_RUNEX		0.002969185	0.002478114	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.002925893**
SO2_STREX		0.000647333	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.000631463**
TOG_DIURN	1.0016	0.271749009	0	0.016340367	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.057198535**
TOG_HTSK	1.0016	0.119787461	0	0.004888026	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.116931728**
TOG_IDLEX	1.0016	0	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0**
TOG_RESTL	1.0016	0.292485808	0	0.0050371	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.061521684**
TOG_RUNEX	1.0016	0.014781884	0.014734608	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.01458674**
TOG_RUNLS	1.0016	0.429343843	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.418817907**
TOG_STREX	1.0016	0.303686942	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.296241653**
CH4_IDLEX		0	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0**
CH4_RUNEX		0.003027843	0.000601172	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.002967324**
CH4_STREX		0.050334564	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.049100545**
CO_IDLEX	1.0065	0	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0**
CO_RUNEX	1.0065	0.823635501	0.125218391	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.806847352**
CO_STREX	1.0065	2.080564884	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**2.029557065**
CO2_NBIO_IDLEX	1.0309	0	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0**
CO2_NBIO_RUNEX	1.0309	331.4437612	262.1345782	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**326.4879918**
CO2_NBIO_STREX	1.0309	66.19936153	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**64.57639601**
NOX_IDLEX	1.0018	0	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0**
NOX_RUNEX	1.0018	0.04668703	0.031021039	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.04593878**
NOX_STREX	1.0018	0.214971958	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.209701634**
PM10_IDLEX	1.0074	0	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.008000002**
PM10_RUNEX	1.0074	0.001308447	0.004291476	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.001316568**
PM10_STREX	1.0074	0.001717003	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.001674909**
PM25_IDLEX	1.0074	0	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.002000001**
PM25_RUNEX	1.0074	0.001203069	0.004105828	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.001211896**
PM25_STREX	1.0074	0.001578721	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.001540017**
ROG_DIURN		0.682442231	0	0.055052995	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.143688914**
ROG_HTSK		0.134419128	0	0.004888026	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.13120468**
ROG_IDLEX		0	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0**
ROG_RESTL		0.643087419	0	0.026225054	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.135317699**
ROG_RUNEX		0.011449115	0.01294288	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.011310979**
ROG_RUNLS		0.402321147	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.392457708**
ROG_STREX		0.223516375	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.218036573**
SO2_IDLEX		0	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0**
SO2_RUNEX		0.003181593	0.002478114	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.003133698**
SO2_STREX		0.000635461	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.000619881**
TOG_DIURN	1.0016	0.683534138	0	0.055052995	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.143918524**
TOG_HTSK	1.0016	0.134634199	0	0.004888026	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.131414478**
TOG_IDLEX	1.0016	0	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0**
TOG_RESTL	1.0016	0.644116359	0	0.026225054	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.135534068**
TOG_RUNEX	1.0016	0.016733253	0.014734608	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.016495812**
TOG_RUNLS	1.0016	0.402964861	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.39308564**
TOG_STREX	1.0016	0.245113851	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.239104559**

CH4_IDLEX		0	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0**
CH4_RUNEX		0.002522808	0.000601172	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.002473236**
CH4_STREX		0.069175606	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.067479674**
CO_IDLEX	1.0065	0	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0**
CO_RUNEX	1.0065	0.667065605	0.125218391	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.653671171**
CO_STREX	1.0065	3.254481918	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**3.174693959**
CO2_NBIO_IDLEX	1.0309	0	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0**
CO2_NBIO_RUNEX	1.0309	306.2965716	262.1345782	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**301.8858777**
CO2_NBIO_STREX	1.0309	68.42801515	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**66.75041122**
NOX_IDLEX	1.0018	0	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0**
NOX_RUNEX	1.0018	0.057374622	0.032728023	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.056409225**
NOX_STREX	1.0018	0.268761144	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.262172106**
PM10_IDLEX	1.0074	0	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.008000002**
PM10_RUNEX	1.0074	0.001308447	0.004291476	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.001316568**
PM10_STREX	1.0074	0.001717003	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.001674909**
PM25_IDLEX	1.0074	0	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.002000001**
PM25_RUNEX	1.0074	0.001203069	0.004105828	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.001211896**
PM25_STREX	1.0074	0.001578721	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.001540017**
ROG_DIURN		0.105209127	0	0.000728453	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.022126176**
ROG_HTSK		0.122664	0	0.004888026	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.119737745**
ROG_IDLEX		0	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0**
ROG_RESTL		0.133001461	0	8.57726E-05	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.02796832**
ROG_RUNEX		0.00981026	0.01294288	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.009707646**
ROG_RUNLS		0.520972014	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.508199691**
ROG_STREX		0.316803008	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.309036161**
SO2_IDLEX		0	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0**
SO2_RUNEX		0.002940201	0.002478114	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.002897537**
SO2_STREX		0.000656854	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.00064075**
TOG_DIURN	1.0016	0.105377461	0	0.000728453	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.022161574**
TOG_HTSK	1.0016	0.122860262	0	0.004888026	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.119929195**
TOG_IDLEX	1.0016	0	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0**
TOG_RESTL	1.0016	0.133214264	0	8.57726E-05	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.028013069**
TOG_RUNEX	1.0016	0.014338012	0.014734608	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.014152489**
TOG_RUNLS	1.0016	0.521805569	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.509012811**
TOG_STREX	1.0016	0.34741439	0	0	139344.1402	1090.095124	2196.13773	5115968.344	44454.44844	68893.08114	646402.6971	5262.725049	10982.9832	**0.338897066**

MDV CalEEMod Emission Rate Worksheet

Vehicle Class: MDV

Pollutant	CARB SAFE Rule Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	MDV Gas	MDV DSL	MDV Elec	MDV Gas	MDV DSL	MDV Elec	MDV Gas	MDV DSL	MDV Elec	
CH4_IDLEX		0	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0**
CH4_RUNEX		0.003530401	0.000421641	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.003398474**
CH4_STREX		0.074608713	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.071553891**
CO_IDLEX	1.0065	0	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0**
CO_RUNEX	1.0065	0.791552189	0.180474075	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.764406249**
CO_STREX	1.0065	3.089037483	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**2.962558165**
CO2_NBIO_IDLEX	1.0309	0	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0**
CO2_NBIO_RUNEX	1.0309	382.6390003	344.5008332	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**376.8012351**
CO2_NBIO_STREX	1.0309	83.94576417	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**80.50864078**
NOX_IDLEX	1.0018	0	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0**
NOX_RUNEX	1.0018	0.073129284	0.034128715	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.071115618**
NOX_STREX	1.0018	0.308433602	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.29580492**
PM10_IDLEX	1.0074	0	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.008000002**
PM10_RUNEX	1.0074	0.001352696	0.003839889	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.001406305**
PM10_STREX	1.0074	0.001816104	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.001741745**
PM25_IDLEX	1.0074	0	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.002000001**
PM25_RUNEX	1.0074	0.001243759	0.003673777	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.001297103**
PM25_STREX	1.0074	0.00166985	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.001601479**
ROG_DIURN		0.334613006	0	0.016340367	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.070339527**
ROG_HTSK		0.148519903	0	0.004888026	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.142510394**
ROG_IDLEX		0	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0**
ROG_RESTL		0.368339063	0	0.0050371	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.077391579**
ROG_RUNEX		0.014217141	0.009077676	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.01389483**
ROG_RUNLS		0.489001219	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.468979273**
ROG_STREX		0.35962166	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.344897105**
SO2_IDLEX		0	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0**
SO2_RUNEX		0.003673027	0.003256772	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.003615568**
SO2_STREX		0.000805812	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.000772818**
TOG_DIURN	1.0016	0.335148387	0	0.016340367	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.070451995**
TOG_HTSK	1.0016	0.148757535	0	0.004888026	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.142738296**
TOG_IDLEX	1.0016	0	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0**
TOG_RESTL	1.0016	0.368928405	0	0.0050371	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.077515382**
TOG_RUNEX	1.0016	0.020776307	0.01033433	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.020222289**
TOG_RUNLS	1.0016	0.489783621	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.46972964**
TOG_STREX	1.0016	0.394370163	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.378222845**
CH4_IDLEX		0	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0**
CH4_RUNEX		0.004055179	0.000421641	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.003901867**
CH4_STREX		0.061209458	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.058703263**
CO_IDLEX	1.0065	0	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0**
CO_RUNEX	1.0065	0.958361975	0.180474075	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.924418413**
CO_STREX	1.0065	2.350495898	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**2.25425585**
CO2_NBIO_IDLEX	1.0309	0	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0**
CO2_NBIO_RUNEX	1.0309	406.034055	344.5008332	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**399.2429241**
CO2_NBIO_STREX	1.0309	82.50635956	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**79.12817197**
NOX_IDLEX	1.0018	0	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0**
NOX_RUNEX	1.0018	0.065724233	0.032826325	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.063975449**
NOX_STREX	1.0018	0.271391316	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.260279315**
PM10_IDLEX	1.0074	0	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.008000002**
PM10_RUNEX	1.0074	0.001352696	0.003839889	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.001406305**
PM10_STREX	1.0074	0.001816104	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.001741745**
PM25_IDLEX	1.0074	0	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.002000001**
PM25_RUNEX	1.0074	0.001243759	0.003673777	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.001297103**
PM25_STREX	1.0074	0.00166985	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.001601479**
ROG_DIURN		0.836414842	0	0.055052995	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.175865285**
ROG_HTSK		0.165680122	0	0.004888026	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.158967995**
ROG_IDLEX		0	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0**
ROG_RESTL		0.808535515	0	0.026225054	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.169925075**
ROG_RUNEX		0.016085708	0.009077676	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.015687252**
ROG_RUNLS		0.460326375	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.441478509**
ROG_STREX		0.290152662	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.278272486**
SO2_IDLEX		0	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0**
SO2_RUNEX		0.0038976	0.003256772	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.003830991**
SO2_STREX		0.000791995	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.000759567**
TOG_DIURN	1.0016	0.837753106	0	0.055052995	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.176146414**
TOG_HTSK	1.0016	0.16594521	0	0.004888026	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.159222229**
TOG_IDLEX	1.0016	0	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0**
TOG_RESTL	1.0016	0.809829172	0	0.026225054	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.170196833**
TOG_RUNEX	1.0016	0.023507054	0.01033433	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.022841756**
TOG_RUNLS	1.0016	0.461062897	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.442184874**
TOG_STREX	1.0016	0.318188746	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.305160644**

CH4_IDLEX		0	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0**
CH4_RUNEX		0.003386007	0.000421641	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.003259964**
CH4_STREX		0.084237478	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.08078841**
CO_IDLEX	1.0065	0	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0**
CO_RUNEX	1.0065	0.777634098	0.180474075	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.75105533**
CO_STREX	1.0065	3.687413701	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**3.536434125**
CO2_NBIO_IDLEX	1.0309	0	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0**
CO2_NBIO_RUNEX	1.0309	379.4483668	344.5008332	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**373.7406222**
CO2_NBIO_STREX	1.0309	85.09681369	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**81.61256106**
NOX_IDLEX	1.0018	0	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0**
NOX_RUNEX	1.0018	0.080780652	0.03462978	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.078469375**
NOX_STREX	1.0018	0.339309245	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.325416373**
PM10_IDLEX	1.0074	0	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.008000002**
PM10_RUNEX	1.0074	0.001352696	0.003839889	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.001406305**
PM10_STREX	1.0074	0.001816104	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.001741745**
PM25_IDLEX	1.0074	0	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.002000001**
PM25_RUNEX	1.0074	0.001243759	0.003673777	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.001297103**
PM25_STREX	1.0074	0.00166985	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.001601479**
ROG_DIURN		0.132212528	0	0.000728453	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.027775993**
ROG_HTSK		0.151892322	0	0.004888026	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.14574473**
ROG_IDLEX		0	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0**
ROG_RESTL		0.167816189	0	8.57726E-05	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.035253389**
ROG_RUNEX		0.013815617	0.009077676	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.013509668**
ROG_RUNLS		0.59055337	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.566373415**
ROG_STREX		0.41152079	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.394671247**
SO2_IDLEX		0	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0**
SO2_RUNEX		0.003642399	0.003256772	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.003586189**
SO2_STREX		0.000816861	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.000783415**
TOG_DIURN	1.0016	0.132424068	0	0.000728453	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.027820431**
TOG_HTSK	1.0016	0.152135349	0	0.004888026	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.145977807**
TOG_IDLEX	1.0016	0	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0**
TOG_RESTL	1.0016	0.168084695	0	8.57726E-05	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.035309794**
TOG_RUNEX	1.0016	0.020189227	0.01033433	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.019659133**
TOG_RUNLS	1.0016	0.591498256	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.567279613**
TOG_STREX	1.0016	0.45128401	0	0	96443.77037	2524.87075	1331.4009	3318699.972	97966.13182	43018.5581	440305.3255	12075.1883	6722.591942	**0.432806381**

LDH1 CalEEMod Emission Rate Worksheet

Vehicle Class: LHDT1

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	ELEC	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	Rate
CH4_IDLEX	0.116279679	0.005098128	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.004644819**
CH4_RUNEX	0.008197732	0.007435485	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.007832692**
CH4_STREX	0.022459338	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.012868032**
CO_IDLEX	3.757179916	0.909745076	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.175374962**
CO_RUNEX	0.727278981	0.718803693	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.723220162**
CO_STREX	1.691376124	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.969070466**
CO2_NBIO_IDLEX	118.5973741	131.2954383	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**9.018386378**
CO2_NBIO_RUNEX	976.4709547	533.3014037	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**764.2368901**
CO2_NBIO_STREX	18.61464377	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**10.6652218**
NOX_IDLEX	0.036221741	1.945581701	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.067446051**
NOX_RUNEX	0.189914744	1.560116212	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.846104742**
NOX_STREX	0.50236624	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.287829702**
PM10_IDLEX	0	0.027554192	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.000935473**
PM10_PMBW	0.076440022	0.076440022	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.076440022**
PM10_PMTW	0.008000002	0.012000003	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.009915604**
PM10_RUNEX	0.002289795	0.022458877	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.011948776**
PM10_STREX	0.000391438	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.000224274**
PM25_IDLEX	0	0.02636221	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.000895005**
PM25_PMBW	0.032760009	0.032760009	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.032760009**
PM25_PMTW	0.002000001	0.003000001	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.002478901**
PM25_RUNEX	0.002105382	0.021487316	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.011387397**
PM25_STREX	0.000359913	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.000206211**
ROG_DIURN	0.044275875	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.001702705**
ROG_HTSK	0.121904785	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.069845095**
ROG_IDLEX	0.415078347	0.109759705	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.01968893**
ROG_RESTL	0.025628213	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.000985577**
ROG_RUNEX	0.038382217	0.160081618	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.096664106**
ROG_RUNLS	0.88434862	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.50668572**
ROG_STREX	0.112584543	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.064505082**
SO2_IDLEX	0.001173617	0.001241214	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**8.72731E-05**
SO2_RUNEX	0.009662972	0.005041616	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.007449803**
SO2_STREX	0.000184207	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.000105541**
TOG_DIURN	0.044275875	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.001702705**
TOG_HTSK	0.121904785	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.069845095**
TOG_IDLEX	0.605681349	0.124954127	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.027534753**
TOG_RESTL	0.025628213	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.000985577**
TOG_RUNEX	0.05600724	0.182242279	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.116461248**
TOG_RUNLS	0.88434862	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.50668572**
TOG_STREX	0.123265903	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.070624945**
CH4_IDLEX	0.116672916	0.005098128	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.004659942**
CH4_RUNEX	0.008523831	0.007435485	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.008002622**
CH4_STREX	0.021057806	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.012065027**
CO_IDLEX	3.757179916	0.909745076	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.175374962**
CO_RUNEX	0.755232609	0.718803693	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.737786788**
CO_STREX	1.555332671	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.89112465**
CO2_NBIO_IDLEX	118.5973741	131.2954383	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**9.018386378**
CO2_NBIO_RUNEX	976.5222237	533.3014037	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**764.2636064**
CO2_NBIO_STREX	18.37396454	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**10.52732513**
NOX_IDLEX	0.036221741	1.945581701	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.067446051**
NOX_RUNEX	0.169564866	1.505845223	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.809510031**
NOX_STREX	0.465107291	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.266482264**
PM10_IDLEX	0	0.027554192	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.000935473**
PM10_PMBW	0.076440022	0.076440022	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.076440022**
PM10_PMTW	0.008000002	0.012000003	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.009915604**
PM10_RUNEX	0.002289795	0.022458877	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.011948776**
PM10_STREX	0.000391438	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.000224274**
PM25_IDLEX	0	0.02636221	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.000895005**
PM25_PMBW	0.032760009	0.032760009	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.032760009**
PM25_PMTW	0.002000001	0.003000001	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.002478901**
PM25_RUNEX	0.002105382	0.021487316	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.011387397**
PM25_STREX	0.000359913	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.000206211**
ROG_DIURN	0.112141878	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.00431261**
ROG_HTSK	0.139437682	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.079890533**
ROG_IDLEX	0.415078347	0.109759705	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.01968893**
ROG_RESTL	0.058532063	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.002250952**
ROG_RUNEX	0.039996296	0.160081618	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.097505202**
ROG_RUNLS	0.862241096	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.49401926**
ROG_STREX	0.105124519	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.060230877**
SO2_IDLEX	0.001173617	0.001241214	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**8.72731E-05**
SO2_RUNEX	0.009663479	0.005041616	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.007450067**
SO2_STREX	0.000181825	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.000104176**
TOG_DIURN	0.112141878	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.00431261**
TOG_HTSK	0.139437682	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.079890533**
TOG_IDLEX	0.605681349	0.124954127	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.027534753**
TOG_RESTL	0.058532063	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.002250952**
TOG_RUNEX	0.058362502	0.182242279	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.117688574**
TOG_RUNLS	0.862241096	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.49401926**
TOG_STREX	0.115098116	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.065945228**

CH4_IDLEX	0.115952235	0.005098128	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.004632226**
CH4_RUNEX	0.007936745	0.007435485	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.007696691**
CH4_STREX	0.023647847	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.013548985**
CO_IDLEX	3.757179916	0.909745076	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.175374962**
CO_RUNEX	0.70562301	0.718803693	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.711935244**
CO_STREX	1.820361617	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**1.042972439**
CO2_NBIO_IDLEX	118.5973741	131.2954383	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**9.018386378**
CO2_NBIO_RUNEX	976.4311224	533.3014037	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**764.2161336**
CO2_NBIO_STREX	18.84048159	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**10.79461512**
NOX_IDLEX	0.036221741	1.945581701	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.067446051**
NOX_RUNEX	0.202900117	1.582529956	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.863605365**
NOX_STREX	0.536243533	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.307239628**
PM10_IDLEX	0	0.027554192	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.000935473**
PM10_PMBW	0.076440022	0.076440022	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.076440022**
PM10_PMTW	0.008000002	0.012000003	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.009915604**
PM10_RUNEX	0.002289795	0.022458877	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.011948776**
PM10_STREX	0.000391438	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.000224274**
PM25_IDLEX	0	0.02636221	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.000895005**
PM25_PMBW	0.032760009	0.032760009	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.032760009**
PM25_PMTW	0.002000001	0.003000001	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.002478901**
PM25_RUNEX	0.002105382	0.021487316	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.011387397**
PM25_STREX	0.000359913	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.000206211**
ROG_DIURN	0.015900886	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.000611496**
ROG_HTSK	0.132558901	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.075949349**
ROG_IDLEX	0.415078347	0.109759705	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.01968893**
ROG_RESTL	0.011466487	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.000440964**
ROG_RUNEX	0.037105429	0.160081618	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.095998772**
ROG_RUNLS	0.981277884	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.562221142**
ROG_STREX	0.118955943	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.068155562**
SO2_IDLEX	0.001173617	0.001241214	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**8.72731E-05**
SO2_RUNEX	0.009662578	0.005041616	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.007449597**
SO2_STREX	0.000186442	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.000106821**
TOG_DIURN	0.015900886	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.000611496**
TOG_HTSK	0.132558901	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.075949349**
TOG_IDLEX	0.605681349	0.124954127	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.027534753**
TOG_RESTL	0.011466487	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.000440964**
TOG_RUNEX	0.054144156	0.182242279	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.115490395**
TOG_RUNLS	0.981277884	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.562221142**
TOG_STREX	0.130241784	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.074621762**

LDH2 CalEEMod Emission Rate Worksheet

Vehicle Class: LHDT2

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	ELEC	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	Rate
CH4_IDLEX	0.114875665	0.005098128	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.002808585**
CH4_RUNEX	0.005756949	0.006897399	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.006569423**
CH4_STREX	0.020552031	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.006761225**
CO_IDLEX	3.767596303	0.909745076	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.131724825**
CO_RUNEX	0.467051678	0.667362056	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.609755913**
CO_STREX	1.602600589	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.527224926**
CO2_NBIO_IDLEX	135.4179749	209.3334972	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**14.15722436**
CO2_NBIO_RUNEX	1107.000405	594.8351832	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**742.1259192**
CO2_NBIO_STREX	20.92802201	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**6.884918752**
NOX_IDLEX	0.035147253	1.879035557	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.101014172**
NOX_RUNEX	0.163506996	1.162032381	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.874872042**
NOX_STREX	0.482759296	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.15881857**
PM10_IDLEX	0	0.027829692	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.001484589**
PM10_PMBW	0.089180026	0.089180026	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.089180026**
PM10_PMTW	0.008000002	0.012000003	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.010849665**
PM10_RUNEX	0.002091147	0.022729912	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.016794525**
PM10_STREX	0.000328638	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.000108116**
PM25_IDLEX	0	0.026625792	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.001420366**
PM25_PMBW	0.038220011	0.038220011	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.038220011**
PM25_PMTW	0.002000001	0.003000001	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.002712416**
PM25_RUNEX	0.001922733	0.021746626	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.016045583**
PM25_STREX	0.00030217	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**9.94083E-05**
ROG_DIURN	0.034367372	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.000758882**
ROG_HTSK	0.096342678	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.031694897**
ROG_IDLEX	0.403159572	0.109759705	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.014757537**
ROG_RESTL	0.020818791	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.000459709**
ROG_RUNEX	0.024792324	0.148496932	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.112921415**
ROG_RUNLS	0.598583206	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.19692242**
ROG_STREX	0.100726776	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.033137182**
SO2_IDLEX	0.001340071	0.001978954	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.000135159**
SO2_RUNEX	0.010954666	0.005623332	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.00715654**
SO2_STREX	0.0002071	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**6.81319E-05**
TOG_DIURN	0.034367372	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.000758882**
TOG_HTSK	0.096342678	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.031694897**
TOG_IDLEX	0.588289502	0.124954127	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.01965603**
TOG_RESTL	0.020818791	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.000459709**
TOG_RUNEX	0.036176901	0.169053885	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.130840535**
TOG_RUNLS	0.598583206	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.19692242**
TOG_STREX	0.110283141	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.036281043**
CH4_IDLEX	0.115258918	0.005098128	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.002817047**
CH4_RUNEX	0.005974165	0.006897399	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.006631891**
CH4_STREX	0.019274863	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.006341061**
CO_IDLEX	3.767596303	0.909745076	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.131724825**
CO_RUNEX	0.484094351	0.667362056	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.61465712**
CO_STREX	1.475395374	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.485376844**
CO2_NBIO_IDLEX	135.4179749	209.3334972	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**14.15722436**
CO2_NBIO_RUNEX	1107.031448	594.8351832	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**742.1348466**
CO2_NBIO_STREX	20.70405669	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**6.811238447**
NOX_IDLEX	0.035147253	1.879035557	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.101014172**
NOX_RUNEX	0.145300766	1.121897093	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.841043209**
NOX_STREX	0.446960983	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.14704161**
PM10_IDLEX	0	0.027829692	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.001484589**
PM10_PMBW	0.089180026	0.089180026	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.089180026**
PM10_PMTW	0.008000002	0.012000003	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.010849665**
PM10_RUNEX	0.002091147	0.022729912	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.016794525**
PM10_STREX	0.000328638	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.000108116**
PM25_IDLEX	0	0.026625792	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.001420366**
PM25_PMBW	0.038220011	0.038220011	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.038220011**
PM25_PMTW	0.002000001	0.003000001	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.002712416**
PM25_RUNEX	0.001922733	0.021746626	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.016045583**
PM25_STREX	0.00030217	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**9.94083E-05**
ROG_DIURN	0.086574357	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.001911688**
ROG_HTSK	0.110087945	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.036216827**
ROG_IDLEX	0.403159572	0.109759705	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.014757537**
ROG_RESTL	0.047455763	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.001047893**
ROG_RUNEX	0.025726572	0.148496932	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.11319009**
ROG_RUNLS	0.583405361	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.1919292**
ROG_STREX	0.094072529	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.030948062**
SO2_IDLEX	0.001340071	0.001978954	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.000135159**
SO2_RUNEX	0.010954974	0.005623332	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.007156629**
SO2_STREX	0.000204883	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**6.74027E-05**
TOG_DIURN	0.086574357	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.001911688**
TOG_HTSK	0.110087945	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.036216827**
TOG_IDLEX	0.588289502	0.124954127	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.01965603**
TOG_RESTL	0.047455763	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.001047893**
TOG_RUNEX	0.037540153	0.169053885	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.131232585**
TOG_RUNLS	0.583405361	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.1919292**
TOG_STREX	0.102997578	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.033884232**

CH4_IDLEX	0.114556415	0.005098128	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.002801535**
CH4_RUNEX	0.005580928	0.006897399	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.006518802**
CH4_STREX	0.021633692	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.007117071**
CO_IDLEX	3.767596303	0.909745076	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.131724825**
CO_RUNEX	0.453808945	0.667362056	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.605947509**
CO_STREX	1.72294514	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.56681598**
CO2_NBIO_IDLEX	135.4179749	209.3334972	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**14.15722436**
CO2_NBIO_RUNEX	1106.976167	594.8351832	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**742.1189489**
CO2_NBIO_STREX	21.13783139	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**6.953942025**
NOX_IDLEX	0.035147253	1.879035557	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.101014172**
NOX_RUNEX	0.174943378	1.178598315	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.889962796**
NOX_STREX	0.515332115	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.169534404**
PM10_IDLEX	0	0.027829692	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.001484589**
PM10_PMBW	0.089180026	0.089180026	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.089180026**
PM10_PMTW	0.008000002	0.012000003	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.010849665**
PM10_RUNEX	0.002091147	0.022729912	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.016794525**
PM10_STREX	0.000328638	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.000108116**
PM25_IDLEX	0	0.026625792	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.001420366**
PM25_PMBW	0.038220011	0.038220011	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.038220011**
PM25_PMTW	0.002000001	0.003000001	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.002712416**
PM25_RUNEX	0.001922733	0.021746626	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.016045583**
PM25_STREX	0.00030217	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**9.94083E-05**
ROG_DIURN	0.013081182	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.000288852**
ROG_HTSK	0.101666412	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.033446304**
ROG_IDLEX	0.403159572	0.109759705	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.014757537**
ROG_RESTL	0.009544016	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.000210746**
ROG_RUNEX	0.024039413	0.148496932	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.112704889**
ROG_RUNLS	0.668201604	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.219825541**
ROG_STREX	0.106403452	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.035004699**
SO2_IDLEX	0.001340071	0.001978954	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.000135159**
SO2_RUNEX	0.010954427	0.005623332	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.007156471**
SO2_STREX	0.000209176	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**6.88149E-05**
TOG_DIURN	0.013081182	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.000288852**
TOG_HTSK	0.101666412	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.033446304**
TOG_IDLEX	0.588289502	0.124954127	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.01965603**
TOG_RESTL	0.009544016	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.000210746**
TOG_RUNEX	0.035078255	0.169053885	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.130524582**
TOG_RUNLS	0.668201604	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.219825541**
TOG_STREX	0.116498387	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.03832574**

MHDT CalEEMod Emission Rate Worksheet

Vehicle Class: MHDT

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	ELEC	MHDT Gas	MHDT DSL	MHDT Elec	MHDT Gas	MHDT DSL	MHDT Elec	MHDT Gas	MHDT DSL	MHDT Elec	Rate
CH4_IDLEX	0.27390023	0.003987019	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.003999673**
CH4_RUNEX	0.008832499	0.000565445	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.001862354**
CH4_STREX	0.036802049	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.009926743**
CO_IDLEX	15.18815814	3.041011681	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.439026177**
CO_RUNEX	0.919408239	0.119311766	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.244828333**
CO_STREX	4.199498813	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**1.132745182**
CO2_NBIO_IDLEX	512.6139721	985.30617	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**82.8157134**
CO2_NBIO_RUNEX	1638.047338	995.0167561	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**1095.89333**
CO2_NBIO_STREX	36.60658485	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**9.874019372**
NOX_IDLEX	0.0889017	6.43377744	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.496837357**
NOX_RUNEX	0.282740117	1.690618531	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**1.469755084**
NOX_STREX	0.355379916	2.146214495	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**1.663166557**
PM10_IDLEX	0	0.005381057	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.00041454**
PM10_PMBW	0.130340037	0.130340037	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.130340037**
PM10_PMTW	0.012000003	0.012000003	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.012000003**
PM10_RUNEX	0.001379349	0.008322247	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.007233067**
PM10_STREX	0.000462001	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.000124617**
PM25_IDLEX	0	0.005148275	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.000396608**
PM25_PMBW	0.055860016	0.055860016	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.055860016**
PM25_PMTW	0.003000001	0.003000001	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.003000001**
PM25_RUNEX	0.001268261	0.00796223	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.006912101**
PM25_STREX	0.000424793	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.000114581**
ROG_DIURN	0.027839396	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.000375311**
ROG_HTSK	0.071252721	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.01921924**
ROG_IDLEX	1.018881786	0.085839436	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.020348641**
ROG_RESTL	0.016375704	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.000220765**
ROG_RUNEX	0.041320298	0.012173872	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.01674627**
ROG_RUNLS	0.392128784	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.105770239**
ROG_STREX	0.190638174	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.051421487**
SO2_IDLEX	0.005072731	0.009308684	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.0007855**
SO2_RUNEX	0.016209806	0.009400425	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.010468659**
SO2_STREX	0.000362252	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**9.77114E-05**
TOG_DIURN	0.027839396	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.000375311**
TOG_HTSK	0.071252721	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.01921924**
TOG_IDLEX	1.486749911	0.097721664	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.027571473**
TOG_RESTL	0.016375704	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.000220765**
TOG_RUNEX	0.060294483	0.013859027	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.021143672**
TOG_RUNLS	0.392128784	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.105770239**
TOG_STREX	0.208724805	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.056300056**
CH4_IDLEX	0.256049966	0.004144017	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.003771123**
CH4_RUNEX	0.009191516	0.000565445	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.001918675**
CH4_STREX	0.034455301	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.009293746**
CO_IDLEX	10.47280502	2.965777337	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.369661361**
CO_RUNEX	0.953583228	0.119311766	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.250189596**
CO_STREX	3.824377123	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**1.031562325**
CO2_NBIO_IDLEX	538.3172417	982.5113781	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**82.94692398**
CO2_NBIO_RUNEX	1638.108294	995.0167561	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**1095.902893**
CO2_NBIO_STREX	35.96795761	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**9.701760261**
NOX_IDLEX	0.092696483	6.316656989	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.487865909**
NOX_RUNEX	0.250276207	1.627399646	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**1.411360941**
NOX_STREX	0.328857102	2.146214495	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**1.656012468**
PM10_IDLEX	0	0.00458417	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.000353151**
PM10_PMBW	0.130340037	0.130340037	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.130340037**
PM10_PMTW	0.012000003	0.012000003	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.012000003**
PM10_RUNEX	0.001379349	0.008322247	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.007233067**
PM10_STREX	0.000462001	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.000124617**
PM25_IDLEX	0	0.004385861	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.000337874**
PM25_PMBW	0.055860016	0.055860016	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.055860016**
PM25_PMTW	0.003000001	0.003000001	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.003000001**
PM25_RUNEX	0.001268261	0.00796223	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.006912101**
PM25_STREX	0.000424793	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.000114581**
ROG_DIURN	0.072392009	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.000975937**
ROG_HTSK	0.082196124	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.022171042**
ROG_IDLEX	0.946396581	0.089219545	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.019631841**
ROG_RESTL	0.039409148	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.000531286**
ROG_RUNEX	0.042893876	0.012173872	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.016993128**
ROG_RUNLS	0.381932883	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.103020063**
ROG_STREX	0.177520383	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.04788318**
SO2_IDLEX	0.005327085	0.00928228	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.000786895**
SO2_RUNEX	0.01621041	0.009400425	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.010468753**
SO2_STREX	0.000355932	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**9.60068E-05**
TOG_DIURN	0.072392009	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.000975937**
TOG_HTSK	0.082196124	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.022171042**
TOG_IDLEX	1.380979669	0.10156966	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.026441992**
TOG_RESTL	0.039409148	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.000531286**
TOG_RUNEX	0.062590644	0.013859027	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.021503886**
TOG_RUNLS	0.381932883	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.103020063**
TOG_STREX	0.194362474	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.052426055**

CH4_IDLEX	0.29173001	0.003770214	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.004223339**
CH4_RUNEX	0.008547998	0.000565445	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.001817722**
CH4_STREX	0.03880296	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.010466455**
CO_IDLEX	19.90351125	3.144906727	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.510598928**
CO_RUNEX	0.893273651	0.119311766	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.240728423**
CO_STREX	4.555686094	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**1.228820796**
CO2_NBIO_IDLEX	486.9107025	989.1656444	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**82.76652275**
CO2_NBIO_RUNEX	1638.000591	995.0167561	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**1095.885997**
CO2_NBIO_STREX	37.2092134	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**10.03656843**
NOX_IDLEX	0.085106917	6.595515206	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.50924599**
NOX_RUNEX	0.303128584	1.716502583	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**1.494777006**
NOX_STREX	0.379365615	2.146214495	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**1.669636302**
PM10_IDLEX	0	0.006481519	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.000499317**
PM10_PMBW	0.130340037	0.130340037	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.130340037**
PM10_PMTW	0.012000003	0.012000003	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.012000003**
PM10_RUNEX	0.001379349	0.008322247	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.007233067**
PM10_STREX	0.000462001	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.000124617**
PM25_IDLEX	0	0.006201132	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.000477717**
PM25_PMBW	0.055860016	0.055860016	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.055860016**
PM25_PMTW	0.003000001	0.003000001	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.003000001**
PM25_RUNEX	0.001268261	0.00796223	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.006912101**
PM25_STREX	0.000424793	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.000114581**
ROG_DIURN	0.009803231	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.00013216**
ROG_HTSK	0.073828768	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.019914086**
ROG_IDLEX	1.091366992	0.081171667	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.020966243**
ROG_RESTL	0.007068837	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**9.5297E-05**
ROG_RUNEX	0.040086229	0.012173872	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.016552673**
ROG_RUNLS	0.443262168	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.119562621**
ROG_STREX	0.201972524	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.05447874**
SO2_IDLEX	0.004818376	0.009345147	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.00078488**
SO2_RUNEX	0.016209344	0.009400425	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.010468586**
SO2_STREX	0.000368215	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**9.932E-05**
TOG_DIURN	0.009803231	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.00013216**
TOG_HTSK	0.073828768	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.019914086**
TOG_IDLEX	1.592520153	0.092407764	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.028588024**
TOG_RESTL	0.007068837	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**9.5297E-05**
TOG_RUNEX	0.058493731	0.013859027	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.020861176**
TOG_RUNLS	0.443262168	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.119562621**
TOG_STREX	0.221134491	0	0	859.457173	4911.254781	0	49354.86638	265254.236	0	17196.01912	46555.88468	0	**0.059647363**

HHD CalEEMod Emission Rate Worksheet

Vehicle Class: HHDT

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	HHDT Gas	HHDT DSL	HHDT NG	HHDT Gas	HHDT DSL	HHDT NG	HHDT Gas	HHDT DSL	HHDT NG	Rate
CH4_IDLEX	0	0.210172643	1.186399013	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.024216356**
CH4_RUNEX	0.070198638	0.001116295	3.235169086	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.045967443**
CH4_STREX	0.000407461	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**3.69885E-07**
CO_IDLEX	0	66.12232042	21.42645648	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**6.259647298**
CO_RUNEX	27.86953327	0.24002386	10.99770575	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.40476059**
CO_STREX	5.765438533	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.005233756**
CO2_NBIO_IDLEX	0	10751.91388	3912.446837	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**1019.513561**
CO2_NBIO_RUNEX	1836.865861	1357.398504	3091.782811	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**1381.702646**
CO2_NBIO_STREX	44.95152034	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.040806139**
NOX_IDLEX	0	55.86535384	19.4132601	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**5.293706225**
NOX_RUNEX	2.928845456	2.670473831	0.885444696	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**2.645886543**
NOX_STREX	0.298027554	2.397819381	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**2.359789849**
PM10_IDLEX	0	0.026278213	0.014916301	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.002512424**
PM10_PMBW	0.061740018	0.060848023	0.061740018	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.060860889**
PM10_PMTW	0.020000006	0.035479897	0.03600001	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.035478321**
PM10_RUNEX	0.001205377	0.025108028	0.003714447	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.024798032**
PM10_STREX	0.000648161	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**5.88388E-07**
PM25_IDLEX	0	0.025141429	0.014271028	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.002403738**
PM25_PMBW	0.026460008	0.026077724	0.026460008	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.026083238**
PM25_PMTW	0.005000001	0.008869974	0.009000003	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.00886958**
PM25_RUNEX	0.0011083	0.024021866	0.003553761	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.023725255**
PM25_STREX	0.00059596	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**5.41001E-07**
ROG_DIURN	0.035666881	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**1.61824E-06**
ROG_HTSK	0.082966508	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**7.53154E-05**
ROG_IDLEX	0	4.524959362	0.027557475	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.422809885**
ROG_RESTL	0.022329587	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**1.01311E-06**
ROG_RUNEX	0.320925178	0.024033526	0.093492156	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.025164402**
ROG_RUNLS	0.446662078	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.000405471**
ROG_STREX	0.002129969	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**1.93355E-06**
SO2_IDLEX	0	0.101578751	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.009489077**
SO2_RUNEX	0.018177277	0.012824028	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.012649372**
SO2_STREX	0.000444832	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**4.0381E-07**
TOG_DIURN	0.035666881	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**1.61824E-06**
TOG_HTSK	0.082966508	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**7.53154E-05**
TOG_IDLEX	0	5.151321788	1.222891681	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.485939525**
TOG_RESTL	0.022329587	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**1.01311E-06**
TOG_RUNEX	0.468293267	0.02736034	3.355583557	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.073727305**
TOG_RUNLS	0.446662078	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.000405471**
TOG_STREX	0.002332048	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**2.11699E-06**
CH4_IDLEX	0	0.222356014	1.245284888	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.025581944**
CH4_RUNEX	0.072736901	0.001116295	3.235169086	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.045968883**
CH4_STREX	0.000377559	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**3.42741E-07**
CO_IDLEX	0	65.19735788	20.98219913	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**6.171524934**
CO_RUNEX	28.94884965	0.24002386	10.99770575	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.405372926**
CO_STREX	5.250531956	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.004766334**
CO2_NBIO_IDLEX	0	10627.78723	3883.058785	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**1007.80463**
CO2_NBIO_RUNEX	1838.636931	1357.398504	3091.782811	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**1381.70365**
CO2_NBIO_STREX	44.1348616	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.040064792**
NOX_IDLEX	0	53.35775983	18.68510642	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**5.056644172**
NOX_RUNEX	2.589067394	2.574020724	0.852422246	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**2.550174303**
NOX_STREX	0.275785464	2.397819381	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**2.359769658**
PM10_IDLEX	0	0.023022669	0.012862791	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.002200372**
PM10_PMBW	0.061740018	0.060848023	0.061740018	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.060860889**
PM10_PMTW	0.020000006	0.035479897	0.03600001	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.035478321**
PM10_RUNEX	0.001205377	0.025108028	0.003714447	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.024798032**
PM10_STREX	0.000648161	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**5.88388E-07**
PM25_IDLEX	0	0.022026719	0.012306352	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.002105185**
PM25_PMBW	0.026460008	0.026077724	0.026460008	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.026083238**
PM25_PMTW	0.005000001	0.008869974	0.009000003	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.00886958**
PM25_RUNEX	0.0011083	0.024021866	0.003553761	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.023725255**
PM25_STREX	0.00059596	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**5.41001E-07**
ROG_DIURN	0.104694517	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**4.75008E-06**
ROG_HTSK	0.09520535	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**8.64256E-05**
ROG_IDLEX	0	4.787264008	0.027757724	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.447314099**
ROG_RESTL	0.063309204	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**2.8724E-06**
ROG_RUNEX	0.334901437	0.024033526	0.093492156	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.025172332**
ROG_RUNLS	0.44515661	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.000404105**
ROG_STREX	0.001983406	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**1.8005E-06**
SO2_IDLEX	0	0.100406064	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.009379529**
SO2_RUNEX	0.018194803	0.012824028	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.012649382**
SO2_STREX	0.00043675	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**3.96474E-07**
TOG_DIURN	0.104694517	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**4.75008E-06**
TOG_HTSK	0.09520535	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**8.64256E-05**
TOG_IDLEX	0	5.44993566	1.282258563	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.514064152**
TOG_RESTL	0.063309204	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**2.8724E-06**
TOG_RUNEX	0.488687391	0.02736034	3.355583557	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.073738875**
TOG_RUNLS	0.44515661	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.000404105**
TOG_STREX	0.00217158	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**1.97132E-06**

CH4_IDLEX	0	0.193347987	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.018061788**
CH4_RUNEX	0.068280086	0.001116295	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.001138932**
CH4_STREX	0.000433357	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**3.93393E-07**
CO_IDLEX	0	67.39964965	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**6.29620315**
CO_RUNEX	27.05932025	0.24002386	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.251913588**
CO_STREX	6.254147598	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.005677397**
CO2_NBIO_IDLEX	0	10923.32686	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**1020.413093**
CO2_NBIO_RUNEX	1835.536531	1357.398504	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**1338.861269**
CO2_NBIO_STREX	45.72658712	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.04150973**
NOX_IDLEX	0	59.32822176	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**5.542202944**
NOX_RUNEX	3.142374811	2.711815903	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**2.674484482**
NOX_STREX	0.318142058	2.397819381	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**2.359808108**
PM10_IDLEX	0	0.030773964	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.002874779**
PM10_PMBW	0.061740018	0.060848023	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.060005402**
PM10_PMTW	0.020000006	0.035479897	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.034979495**
PM10_RUNEX	0.001205377	0.025108028	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.024746564**
PM10_STREX	0.000648161	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**5.88388E-07**
PM25_IDLEX	0	0.029442696	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.002750418**
PM25_PMBW	0.026460008	0.026077724	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.025716601**
PM25_PMTW	0.005000001	0.008869974	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.008744874**
PM25_RUNEX	0.0011083	0.024021866	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.023676013**
PM25_STREX	0.00059596	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**5.41001E-07**
ROG_DIURN	0.010711259	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**4.8598E-07**
ROG_HTSK	0.092366739	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**8.38488E-05**
ROG_IDLEX	0	4.162729136	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.388865349**
ROG_RESTL	0.007601909	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**3.44905E-07**
ROG_RUNEX	0.310471479	0.024033526	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.023863018**
ROG_RUNLS	0.485455069	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.000440687**
ROG_STREX	0.002256606	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**2.0485E-06**
SO2_IDLEX	0	0.103198176	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.009640357**
SO2_RUNEX	0.018164122	0.012824028	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.012649364**
SO2_STREX	0.000452502	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**4.10772E-07**
TOG_DIURN	0.010711259	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**4.8598E-07**
TOG_HTSK	0.092366739	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**8.38488E-05**
TOG_IDLEX	0	4.738950249	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.442693599**
TOG_RESTL	0.007601909	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**3.44905E-07**
TOG_RUNEX	0.453039253	0.02736034	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.027222731**
TOG_RUNLS	0.485455069	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**0.000440687**
TOG_STREX	0.0024707	0	0	2.663508868	5484.004424	226.7691777	378.7737094	658005.2395	9250.93977	53.29148542	57767.52647	884.399793	**2.24285E-06**

OBUS CalEEMod Emission Rate Worksheet

Vehicle Class: OBUS

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	OBUS Gas	OBUS DSL	OBUS NG	OBUS Gas	OBUS DSL	OBUS NG	OBUS Gas	OBUS DSL	OBUS NG	Rate
CH4_IDLEX	0.197903712	0.041295797	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.008801072**
CH4_RUNEX	0.013821312	0.000616231	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.007949442**
CH4_STREX	0.030769806	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.024824942**
CO_IDLEX	5.780323811	14.20756398	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.515499905**
CO_RUNEX	1.437650573	0.145808585	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.863210451**
CO_STREX	3.446976659	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**2.781005425**
CO2_NBIO_IDLEX	369.7012682	2639.598809	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**67.3773155**
CO2_NBIO_RUNEX	1691.754989	1167.166085	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**1458.487363**
CO2_NBIO_STREX	26.23517333	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**21.16642106**
NOX_IDLEX	0.065124546	12.29515605	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.247027618**
NOX_RUNEX	0.474162183	1.887624122	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**1.102682743**
NOX_STREX	0.339697211	2.213442092	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.701713063**
PM10_IDLEX	0	0.004179589	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**8.30813E-05**
PM10_PMBW	0.130340037	0.130340037	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.130340037**
PM10_PMTW	0.012000003	0.012000003	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.012000003**
PM10_RUNEX	0.001159009	0.012261272	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.006095825**
PM10_STREX	0.000263327	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.000212451**
PM25_IDLEX	0	0.003998782	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**7.94873E-05**
PM25_PMBW	0.055860016	0.055860016	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.055860016**
PM25_PMTW	0.003000001	0.003000001	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.003000001**
PM25_RUNEX	0.001065666	0.011730855	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.005808129**
PM25_STREX	0.000242119	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.000195341**
ROG_DIURN	0.041654713	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.00167967**
ROG_HTSK	0.034178492	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.027575055**
ROG_IDLEX	0.747215036	0.889087187	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.047803599**
ROG_RESTL	0.020267737	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.000817269**
ROG_RUNEX	0.066181166	0.013267287	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.042652085**
ROG_RUNLS	0.370124255	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.298614602**
ROG_STREX	0.161406578	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.130222109**
SO2_IDLEX	0.003658494	0.024937621	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.000643231**
SO2_RUNEX	0.016741287	0.011026806	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.014200243**
SO2_STREX	0.000259618	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.000209459**
TOG_DIURN	0.041654713	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.00167967**
TOG_HTSK	0.034178492	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.027575055**
TOG_IDLEX	1.090334427	1.012158084	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.064085812**
TOG_RESTL	0.020267737	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.000817269**
TOG_RUNEX	0.096571402	0.015103796	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.060345407**
TOG_RUNLS	0.370124255	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.298614602**
TOG_STREX	0.176719886	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.142576818**
CH4_IDLEX	0.198701559	0.04377222	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.00888247**
CH4_RUNEX	0.014366294	0.000616231	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.008252088**
CH4_STREX	0.02860367	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.023077314**
CO_IDLEX	5.780323811	14.02271134	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.511825427**
CO_RUNEX	1.49260944	0.145808585	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.893730897**
CO_STREX	3.099847659	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**2.500943292**
CO2_NBIO_IDLEX	369.7012682	2604.073906	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**66.67115597**
CO2_NBIO_RUNEX	1691.853542	1167.166085	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**1458.542092**
CO2_NBIO_STREX	25.64519462	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**20.69042886**
NOX_IDLEX	0.065124546	11.67953768	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.234790434**
NOX_RUNEX	0.419590093	1.818081176	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**1.0414536**
NOX_STREX	0.314105452	2.213442092	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.681065746**
PM10_IDLEX	0	0.003713847	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**7.38234E-05**
PM10_PMBW	0.130340037	0.130340037	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.130340037**
PM10_PMTW	0.012000003	0.012000003	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.012000003**
PM10_RUNEX	0.001159009	0.012261272	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.006095825**
PM10_STREX	0.000263327	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.000212451**
PM25_IDLEX	0	0.003553187	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**7.06298E-05**
PM25_PMBW	0.055860016	0.055860016	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.055860016**
PM25_PMTW	0.003000001	0.003000001	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.003000001**
PM25_RUNEX	0.001065666	0.011730855	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.005808129**
PM25_STREX	0.000242119	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.000195341**
ROG_DIURN	0.101734162	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.004102293**
ROG_HTSK	0.036476689	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.02942923**
ROG_IDLEX	0.747215036	0.9424039	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.048863422**
ROG_RESTL	0.046031849	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.001856172**
ROG_RUNEX	0.068833724	0.013267287	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.044125136**
ROG_RUNLS	0.362355109	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.292346489**
ROG_STREX	0.149563299	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.120667004**
SO2_IDLEX	0.003658494	0.024601999	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.000636559**
SO2_RUNEX	0.016742262	0.011026806	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.014200785**
SO2_STREX	0.00025378	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.000204749**
TOG_DIURN	0.101734162	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.004102293**
TOG_HTSK	0.036476689	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.02942923**
TOG_IDLEX	1.090334427	1.072855103	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.06529234**
TOG_RESTL	0.046031849	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.001856172**
TOG_RUNEX	0.100442008	0.015103796	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.06249488**
TOG_RUNLS	0.362355109	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.292346489**
TOG_STREX	0.163752987	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.132115181**

CH4_IDLEX	0.19732385	0.037875975	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.008709711**
CH4_RUNEX	0.013397123	0.000616231	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.007713876**
CH4_STREX	0.03241835	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.02615498**
CO_IDLEX	5.780323811	14.46283667	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.520574183**
CO_RUNEX	1.395730991	0.145808585	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.839931144**
CO_STREX	3.729713083	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**3.009115913**
CO2_NBIO_IDLEX	369.7012682	2688.657008	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**68.35248819**
CO2_NBIO_RUNEX	1691.679645	1167.166085	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**1458.445522**
CO2_NBIO_STREX	26.71368135	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**21.5524792**
NOX_IDLEX	0.065124546	13.1452957	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.263926587**
NOX_RUNEX	0.508474476	1.916432736	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**1.134547728**
NOX_STREX	0.362799459	2.213442092	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.720351854**
PM10_IDLEX	0	0.004822758	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**9.58662E-05**
PM10_PMBW	0.130340037	0.130340037	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.130340037**
PM10_PMTW	0.012000003	0.012000003	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.012000003**
PM10_RUNEX	0.001159009	0.012261272	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.006095825**
PM10_STREX	0.000263327	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.000212451**
PM25_IDLEX	0	0.004614127	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**9.1719E-05**
PM25_PMBW	0.055860016	0.055860016	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.055860016**
PM25_PMTW	0.003000001	0.003000001	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.003000001**
PM25_RUNEX	0.001065666	0.011730855	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.005808129**
PM25_STREX	0.000242119	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.000195341**
ROG_DIURN	0.018057798	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.000728156**
ROG_HTSK	0.034783	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.02806277**
ROG_IDLEX	0.747215036	0.815459345	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.046340034**
ROG_RESTL	0.009685541	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.000390556**
ROG_RUNEX	0.064117649	0.013267287	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.041506146**
ROG_RUNLS	0.403405652	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.325465884**
ROG_STREX	0.170448313	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.13751694**
SO2_IDLEX	0.003658494	0.025401098	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.000652444**
SO2_RUNEX	0.016740541	0.011026806	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.014199829**
SO2_STREX	0.000264354	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.000213279**
TOG_DIURN	0.018057798	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.000728156**
TOG_HTSK	0.034783	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.02806277**
TOG_IDLEX	1.090334427	0.92833839	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.062419655**
TOG_RESTL	0.009685541	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.000390556**
TOG_RUNEX	0.093560322	0.015103796	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.058673256**
TOG_RUNLS	0.403405652	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.325465884**
TOG_STREX	0.186619448	0	0	291.1142192	143.507147	0	13622.33536	10907.71625	0	5824.613298	1394.82824	0	**0.15056374**

UBUS CalEEMod Emission Rate Worksheet

Vehicle Class: UBUS

Pollutant	Emission Rates				Population				VMT				Trips				CalEEMod Emission
	Gas	DSL	ELEC	NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	Rate
CH4_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0**
CH4_RUNEX	0.00219	0.072264252	5.907391951	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.052876811**
CH4_STREX	0.014668	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.001402484**
CO_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0**
CO_RUNEX	0.135666	0.121844728	45.46805562	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.101624053**
CO_STREX	2.347859	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.224496438**
CO2_NBIO_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0**
CO2_NBIO_RUNEX	1044.701	1540.556031	1911.181726	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**1221.537506**
CO2_NBIO_STREX	28.37784	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**2.713418558**
NOX_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0**
NOX_RUNEX	0.033965	0.762679481	0.459268078	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.559089412**
NOX_STREX	0.241584	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.023099681**
PM10_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0**
PM10_PMBW	0.08918	0.076506656	0.077564079	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.064187486**
PM10_PMTW	0.008	0.030833858	0.030463914	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.023229135**
PM10_RUNEX	0.00224	0.00564777	0.003139409	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.004328009**
PM10_STREX	0.000485	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**4.63276E-05**
PM25_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0**
PM25_PMBW	0.03822	0.032788567	0.033241748	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.027508923**
PM25_PMTW	0.002	0.007708464	0.007615979	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.005807284**
PM25_RUNEX	0.00206	0.00540345	0.003003599	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.004132893**
PM25_STREX	0.000445	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**4.25966E-05**
ROG_DIURN	0.005193	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.000315235**
ROG_HTSK	0.010423	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.00099661**
ROG_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0**
ROG_RESTL	0.002774	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**6.63048E-05**
ROG_RUNEX	0.005801	0.001032514	0.084404975	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.001300593**
ROG_RUNLS	0.031118	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.002975391**
ROG_STREX	0.049973	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.004778252**
SO2_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0**
SO2_RUNEX	0.010338	0.014563795	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.011591569**
SO2_STREX	0.000281	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**2.68515E-05**
TOG_DIURN	0.005193	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.000315235**
TOG_HTSK	0.010423	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.00099661**
TOG_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0**
TOG_RESTL	0.002774	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**6.63048E-05**
TOG_RUNEX	0.008465	0.073750969	6.028926779	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.054553245**
TOG_RUNLS	0.031118	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.002975391**
TOG_STREX	0.054714	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.005231584**
CH4_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0**
CH4_RUNEX	0.002267	0.072264252	5.907391951	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.052884137**
CH4_STREX	0.012925	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.001235836**
CO_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0**
CO_RUNEX	0.140567	0.121844728	45.46805562	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.10208713**
CO_STREX	1.933262	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.184853701**
CO2_NBIO_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0**
CO2_NBIO_RUNEX	1044.71	1540.556031	1911.181726	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**1221.538324**
CO2_NBIO_STREX	27.70078	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**2.648680177**
NOX_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0**
NOX_RUNEX	0.030149	0.762679481	0.459268078	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.558728847**
NOX_STREX	0.222751	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.021298865**
PM10_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0**
PM10_PMBW	0.08918	0.076506656	0.077564079	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.064187486**
PM10_PMTW	0.008	0.030833858	0.030463914	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.023229135**
PM10_RUNEX	0.00224	0.00564777	0.003139409	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.004328009**
PM10_STREX	0.000485	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**4.63276E-05**
PM25_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0**
PM25_PMBW	0.03822	0.032788567	0.033241748	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.027508923**
PM25_PMTW	0.002	0.007708464	0.007615979	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.005807284**
PM25_RUNEX	0.00206	0.00540345	0.003003599	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.004132893**
PM25_STREX	0.000445	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**4.25966E-05**
ROG_DIURN	0.015047	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.000913428**
ROG_HTSK	0.014784	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.001413566**
ROG_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0**
ROG_RESTL	0.00836	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.000199841**
ROG_RUNEX	0.006008	0.001032514	0.084404975	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.001320203**
ROG_RUNLS	0.029285	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.0028002**
ROG_STREX	0.044048	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.004211723**
SO2_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0**
SO2_RUNEX	0.010338	0.014563795	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.011591577**
SO2_STREX	0.000274	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**2.62108E-05**
TOG_DIURN	0.015047	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.000913428**
TOG_HTSK	0.014784	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.001413566**
TOG_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0**
TOG_RESTL	0.00836	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.000199841**
TOG_RUNEX	0.008767	0.073750969	6.028926779	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.05458186**
TOG_RUNLS	0.029285	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.0028002**
TOG_STREX	0.048227	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.004611307**

CH4_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0**
CH4_RUNEX	0.002128	0.072264252	5.907391951	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.052871028**
CH4_STREX	0.015969	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.001526909**
CO_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0**
CO_RUNEX	0.131983	0.121844728	45.46805562	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.101276141**
CO_STREX	2.693849	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.257579221**
CO2_NBIO_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0**
CO2_NBIO_RUNEX	1044.695	1540.556031	1911.181726	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**1221.536887**
CO2_NBIO_STREX	28.94106	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**2.767273092**
NOX_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0**
NOX_RUNEX	0.03629	0.762679481	0.459268078	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.55930901**
NOX_STREX	0.257536	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.024624956**
PM10_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0**
PM10_PMBW	0.08918	0.076506656	0.077564079	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.064187486**
PM10_PMTW	0.008	0.030833858	0.030463914	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.023229135**
PM10_RUNEX	0.00224	0.00564777	0.003139409	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.004328009**
PM10_STREX	0.000485	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**4.63276E-05**
PM25_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0**
PM25_PMBW	0.03822	0.032788567	0.033241748	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.027508923**
PM25_PMTW	0.002	0.007708464	0.007615979	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.005807284**
PM25_RUNEX	0.00206	0.00540345	0.003003599	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.004132893**
PM25_STREX	0.000445	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**4.25966E-05**
ROG_DIURN	0.00132	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**8.01323E-05**
ROG_HTSK	0.011165	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.001067589**
ROG_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0**
ROG_RESTL	0.000897	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**2.14367E-05**
ROG_RUNEX	0.005636	0.001032514	0.084404975	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.00128503**
ROG_RUNLS	0.036342	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.003474917**
ROG_STREX	0.054384	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.005200044**
SO2_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0**
SO2_RUNEX	0.010338	0.014563795	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.011591563**
SO2_STREX	0.000286	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**2.73844E-05**
TOG_DIURN	0.00132	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**8.01323E-05**
TOG_HTSK	0.011165	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.001067589**
TOG_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0**
TOG_RESTL	0.000897	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**2.14367E-05**
TOG_RUNEX	0.008224	0.073750969	6.028926779	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.054530535**
TOG_RUNLS	0.036342	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.003474917**
TOG_STREX	0.059543	0	0	0	25.29263	188.5118949	0	50.71421582	2469.812	19053.62168	0	4618.52877	101.1705	754.0475795	0	202.856863	**0.005693394**

MCY CalEEMod Emission Rate Worksheet

Vehicle Class: MCY

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	MCY Gas	MCY DSL	MCY NG	MCY Gas	MCY DSL	MCY NG	MCY Gas	MCY DSL	MCY NG	Rate
CH4_IDLEX	0	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0**
CH4_RUNEX	0.334586355	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.334586355**
CH4_STREX	0.257211334	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.257211334**
CO_IDLEX	0	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0**
CO_RUNEX	19.68463005	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**19.68463005**
CO_STREX	9.099976559	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**9.099976559**
CO2_NBIO_IDLEX	0	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0**
CO2_NBIO_RUNEX	213.2662461	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**213.2662461**
CO2_NBIO_STREX	61.40705103	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**61.40705103**
NOX_IDLEX	0	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0**
NOX_RUNEX	1.161281488	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**1.161281488**
NOX_STREX	0.272415995	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.272415995**
PM10_IDLEX	0	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0**
PM10_PMBW	0.011760003	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.011760003**
PM10_PMTW	0.004000001	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.004000001**
PM10_RUNEX	0.002061826	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.002061826**
PM10_STREX	0.002991493	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.002991493**
PM25_IDLEX	0	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0**
PM25_PMBW	0.005040001	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.005040001**
PM25_PMTW	0.001	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.001**
PM25_RUNEX	0.001926814	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.001926814**
PM25_STREX	0.002812596	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.002812596**
ROG_DIURN	1.778768307	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.889384154**
ROG_HTSK	0.734918853	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.734918853**
ROG_IDLEX	0	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0**
ROG_RESTL	1.111920599	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.5559603**
ROG_RUNEX	2.265859006	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**2.265859006**
ROG_RUNLS	1.987784601	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**1.987784601**
ROG_STREX	1.96513155	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**1.96513155**
SO2_IDLEX	0	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0**
SO2_RUNEX	0.002110442	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.002110442**
SO2_STREX	0.000607673	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.000607673**
TOG_DIURN	1.778768307	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.889384154**
TOG_HTSK	0.734918853	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.734918853**
TOG_IDLEX	0	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0**
TOG_RESTL	1.111920599	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.5559603**
TOG_RUNEX	2.806627243	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**2.806627243**
TOG_RUNLS	1.987784601	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**1.987784601**
TOG_STREX	2.138655291	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**2.138655291**
CH4_IDLEX	0	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0**
CH4_RUNEX	0.3250892	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.3250892**
CH4_STREX	0.211952712	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.211952712**
CO_IDLEX	0	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0**
CO_RUNEX	18.9689609	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**18.9689609**
CO_STREX	7.819362576	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**7.819362576**
CO2_NBIO_IDLEX	0	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0**
CO2_NBIO_RUNEX	211.8242139	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**211.8242139**
CO2_NBIO_STREX	58.16376155	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**58.16376155**
NOX_IDLEX	0	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0**
NOX_RUNEX	1.01623698	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**1.01623698**
NOX_STREX	0.247792883	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.247792883**
PM10_IDLEX	0	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0**
PM10_PMBW	0.011760003	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.011760003**
PM10_PMTW	0.004000001	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.004000001**
PM10_RUNEX	0.002061826	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.002061826**
PM10_STREX	0.002991493	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.002991493**
PM25_IDLEX	0	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0**
PM25_PMBW	0.005040001	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.005040001**
PM25_PMTW	0.001	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.001**
PM25_RUNEX	0.001926814	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.001926814**
PM25_STREX	0.002812596	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.002812596**
ROG_DIURN	5.229452173	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**2.614726087**
ROG_HTSK	1.071330622	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**1.071330622**
ROG_IDLEX	0	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0**
ROG_RESTL	3.387027155	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**1.693513578**
ROG_RUNEX	2.179979364	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**2.179979364**
ROG_RUNLS	1.880296494	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**1.880296494**
ROG_STREX	1.600045698	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**1.600045698**
SO2_IDLEX	0	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0**
SO2_RUNEX	0.002096172	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.002096172**
SO2_STREX	0.000575578	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.000575578**
TOG_DIURN	5.229452173	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**2.614726087**
TOG_HTSK	1.071330622	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**1.071330622**
TOG_IDLEX	0	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0**
TOG_RESTL	3.387027155	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**1.693513578**
TOG_RUNEX	2.703169953	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**2.703169953**
TOG_RUNLS	1.880296494	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**1.880296494**
TOG_STREX	1.741435548	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**1.741435548**

CH4_IDLEX	0	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0**
CH4_RUNEX	0.346668683	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.346668683**
CH4_STREX	0.30059499	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.30059499**
CO_IDLEX	0	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0**
CO_RUNEX	21.44838835	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**21.44838835**
CO_STREX	10.567575	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**10.567575**
CO2_NBIO_IDLEX	0	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0**
CO2_NBIO_RUNEX	216.4425398	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**216.4425398**
CO2_NBIO_STREX	64.92672444	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**64.92672444**
NOX_IDLEX	0	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0**
NOX_RUNEX	1.251529437	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**1.251529437**
NOX_STREX	0.293227955	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.293227955**
PM10_IDLEX	0	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0**
PM10_PMBW	0.011760003	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.011760003**
PM10_PMTW	0.004000001	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.004000001**
PM10_RUNEX	0.002061826	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.002061826**
PM10_STREX	0.002991493	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.002991493**
PM25_IDLEX	0	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0**
PM25_PMBW	0.005040001	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.005040001**
PM25_PMTW	0.001	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.001**
PM25_RUNEX	0.001926814	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.001926814**
PM25_STREX	0.002812596	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.002812596**
ROG_DIURN	0.348307008	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.174153504**
ROG_HTSK	0.836509181	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.836509181**
ROG_IDLEX	0	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0**
ROG_RESTL	0.347826915	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.173913457**
ROG_RUNEX	2.371541816	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**2.371541816**
ROG_RUNLS	2.364327826	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**2.364327826**
ROG_STREX	2.324248563	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**2.324248563**
SO2_IDLEX	0	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0**
SO2_RUNEX	0.002141874	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.002141874**
SO2_STREX	0.000642503	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.000642503**
TOG_DIURN	0.348307008	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.174153504**
TOG_HTSK	0.836509181	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.836509181**
TOG_IDLEX	0	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0**
TOG_RESTL	0.347826915	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**0.173913457**
TOG_RUNEX	2.934644979	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**2.934644979**
TOG_RUNLS	2.364327826	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**2.364327826**
TOG_STREX	2.529346932	0	0	20505.07958	0	0	151148.2508	0	0	41010.15916	0	0	**2.529346932**

SBUS CalEEMod Emission Rate Worksheet

Vehicle Class: SBUS

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	SBUS Gas	SBUS DSL	SBUS NG	SBUS Gas	SBUS DSL	SBUS NG	SBUS Gas	SBUS DSL	SBUS NG	Rate
CH4_IDLEX	2.491182841	0.012552933	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.016544361**
CH4_RUNEX	0.006612455	0.001953549	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.002423234**
CH4_STREX	0.05401804	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.001342968**
CO_IDLEX	82.24087757	9.279876524	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**1.295323115**
CO_RUNEX	0.654194709	0.155847206	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.20608783**
CO_STREX	7.780217849	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.193427649**
CO2_NBIO_IDLEX	2387.88729	3305.088417	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**294.1273666**
CO2_NBIO_RUNEX	794.4910079	990.1662321	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**970.4393438**
CO2_NBIO_STREX	44.47949385	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**1.105825581**
NOX_IDLEX	0.9265304	25.19814058	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**2.135045815**
NOX_RUNEX	0.245794733	2.839019237	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**2.577584758**
NOX_STREX	0.467759634	1.634982838	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**1.605963954**
PM10_IDLEX	0	0.016319213	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.001379002**
PM10_PMBW	0.744800204	0.744800213	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.744800212**
PM10_PMTW	0.008000002	0.012000003	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.011596746**
PM10_RUNEX	0.001487071	0.017132156	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.015554905**
PM10_STREX	0.000674147	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**1.67603E-05**
PM25_IDLEX	0	0.015613251	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.001319347**
PM25_PMBW	0.319200087	0.319200091	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.319200091**
PM25_PMTW	0.002000001	0.003000001	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.002899186**
PM25_RUNEX	0.001367306	0.016391027	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.014876419**
PM25_STREX	0.000619853	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**1.54105E-05**
ROG_DIURN	0.01426548	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**8.86652E-05**
ROG_HTSK	0.033828936	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.000841037**
ROG_IDLEX	10.64151815	0.270261209	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.088978491**
ROG_RESTL	0.006853289	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**4.25957E-05**
ROG_RUNEX	0.031257201	0.042059366	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.040970352**
ROG_RUNLS	0.222650003	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.005535406**
ROG_STREX	0.300331328	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.007466678**
SO2_IDLEX	0.02363008	0.031224837	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.002785423**
SO2_RUNEX	0.007862133	0.0093546	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.009204137**
SO2_STREX	0.000440161	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**1.0943E-05**
TOG_DIURN	0.01426548	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**8.86652E-05**
TOG_HTSK	0.033828936	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.000841037**
TOG_IDLEX	15.5280783	0.307671814	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.122511519**
TOG_RESTL	0.006853289	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**4.25957E-05**
TOG_RUNEX	0.045610435	0.047881386	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.047652442**
TOG_RUNLS	0.222650003	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.005535406**
TOG_STREX	0.328825	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.008175073**
CH4_IDLEX	2.494886803	0.012979213	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.016603404**
CH4_RUNEX	0.006864516	0.001953549	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.002448645**
CH4_STREX	0.043808603	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.001089146**
CO_IDLEX	82.24087757	8.99408782	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**1.271173468**
CO_RUNEX	0.678978657	0.155847206	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.20858641**
CO_STREX	5.365900995	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.133404184**
CO2_NBIO_IDLEX	2387.88729	3324.897882	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**295.8013011**
CO2_NBIO_RUNEX	794.5354752	990.1662321	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**970.4438267**
CO2_NBIO_STREX	40.46103826	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**1.00592087**
NOX_IDLEX	0.9265304	25.06455104	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**2.123757264**
NOX_RUNEX	0.21721754	2.729551176	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**2.476271665**
NOX_STREX	0.427258039	1.634982838	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**1.604957024**
PM10_IDLEX	0	0.013907488	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.001175207**
PM10_PMBW	0.744800204	0.744800213	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.744800212**
PM10_PMTW	0.008000002	0.012000003	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.011596746**
PM10_RUNEX	0.001487071	0.017132156	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.015554905**
PM10_STREX	0.000674147	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**1.67603E-05**
PM25_IDLEX	0	0.013305856	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.001124368**
PM25_PMBW	0.319200087	0.319200091	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.319200091**
PM25_PMTW	0.002000001	0.003000001	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.002899186**
PM25_RUNEX	0.001367306	0.016391027	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.014876419**
PM25_STREX	0.000619853	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**1.54105E-05**
ROG_DIURN	0.036251927	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.000225319**
ROG_HTSK	0.036181738	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.000899531**
ROG_IDLEX	10.64151815	0.279438897	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.089754022**
ROG_RESTL	0.016883189	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.000104935**
ROG_RUNEX	0.032459076	0.042059366	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.041091518**
ROG_RUNLS	0.189227038	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.004704462**
ROG_STREX	0.243255656	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.006047693**
SO2_IDLEX	0.02363008	0.031411987	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.002801238**
SO2_RUNEX	0.007862573	0.0093546	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.009204182**
SO2_STREX	0.000400395	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**9.9544E-06**
TOG_DIURN	0.036251927	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.000225319**
TOG_HTSK	0.036181738	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.000899531**
TOG_IDLEX	15.5280783	0.318119913	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.123394402**
TOG_RESTL	0.016883189	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.000104935**
TOG_RUNEX	0.047364207	0.047881386	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.047829247**
TOG_RUNLS	0.189227038	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.004704462**
TOG_STREX	0.266334324	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.006621463**

CH4_IDLEX	2.488588483	0.011964261	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.016478493**
CH4_RUNEX	0.006419982	0.001953549	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.00240383**
CH4_STREX	0.061354006	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.001525351**
CO_IDLEX	82.24087757	9.674537116	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**1.328672628**
CO_RUNEX	0.635655495	0.155847206	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.20421881**
CO_STREX	9.720372078	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.241662734**
CO2_NBIO_IDLEX	2387.88729	3277.73249	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**291.8157428**
CO2_NBIO_RUNEX	794.4576531	990.1662321	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**970.4359811**
CO2_NBIO_STREX	47.69270618	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**1.185710762**
NOX_IDLEX	0.9265304	25.38262138	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**2.150634765**
NOX_RUNEX	0.26366715	2.884362786	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**2.620158821**
NOX_STREX	0.498833871	1.634982838	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**1.606736505**
PM10_IDLEX	0	0.01964969	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.001660433**
PM10_PMBW	0.744800204	0.744800213	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.744800212**
PM10_PMTW	0.008000002	0.012000003	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.011596746**
PM10_RUNEX	0.001487071	0.017132156	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.015554905**
PM10_STREX	0.000674147	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**1.67603E-05**
PM25_IDLEX	0	0.018799653	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.001588604**
PM25_PMBW	0.319200087	0.319200091	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.319200091**
PM25_PMTW	0.002000001	0.003000001	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.002899186**
PM25_RUNEX	0.001367306	0.016391027	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.014876419**
PM25_STREX	0.000619853	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**1.54105E-05**
ROG_DIURN	0.005757981	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**3.5788E-05**
ROG_HTSK	0.034426608	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.000855896**
ROG_IDLEX	10.64151815	0.257587259	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.08790752**
ROG_RESTL	0.00308122	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**1.91509E-05**
ROG_RUNEX	0.030336886	0.042059366	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.040877571**
ROG_RUNLS	0.288169389	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.007164314**
ROG_STREX	0.341420629	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.008488219**
SO2_IDLEX	0.02363008	0.030966391	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.002763584**
SO2_RUNEX	0.007861803	0.0093546	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.009204104**
SO2_STREX	0.000471958	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**1.17336E-05**
TOG_DIURN	0.005757981	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**3.5788E-05**
TOG_HTSK	0.034426608	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.000855896**
TOG_IDLEX	15.5280783	0.293243486	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.1212923**
TOG_RESTL	0.00308122	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**1.91509E-05**
TOG_RUNEX	0.044267513	0.047881386	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.047517056**
TOG_RUNLS	0.288169389	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.007164314**
TOG_STREX	0.373812613	0	0	76.01703625	1033.49851	0	3801.811855	33909.17301	0	304.068145	11926.42952	0	**0.009293531**

MH CalEEMod Emission Rate Worksheet

Vehicle Class: MH

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	MH Gas	MH DSL	MH NG	MH Gas	MH DSL	MH NG	MH Gas	MH DSL	MH NG	**Rate**
CH4_IDLEX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
CH4_RUNEX	0.005180228	0.005180228	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0.005180228**
CH4_STREX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
CO_IDLEX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
CO_RUNEX	0.396166744	0.396166744	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0.396166744**
CO_STREX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
CO2_NBIO_IDLEX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
CO2_NBIO_RUNEX	997.1524031	997.1524031	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**997.1524031**
CO2_NBIO_STREX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
NOX_IDLEX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
NOX_RUNEX	4.185246565	4.185246565	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**4.185246565**
NOX_STREX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
PM10_IDLEX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0.016000005**
PM10_RUNEX	0.095725084	0.095725084	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0.095725084**
PM10_STREX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
PM25_IDLEX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0.004000001**
PM25_RUNEX	0.091584059	0.091584059	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0.091584059**
PM25_STREX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
ROG_DIURN	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
ROG_HTSK	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
ROG_IDLEX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
ROG_RESTL	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
ROG_RUNEX	0.111527266	0.111527266	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0.111527266**
ROG_RUNLS	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
ROG_STREX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
SO2_IDLEX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
SO2_RUNEX	0.009426676	0.009426676	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0.009426676**
SO2_STREX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
TOG_DIURN	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
TOG_HTSK	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
TOG_IDLEX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
TOG_RESTL	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
TOG_RUNEX	0.126966378	0.126966378	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0.126966378**
TOG_RUNLS	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
TOG_STREX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
CH4_IDLEX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
CH4_RUNEX	0.005180228	0.005180228	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0.005180228**
CH4_STREX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
CO_IDLEX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
CO_RUNEX	0.396166744	0.396166744	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0.396166744**
CO_STREX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
CO2_NBIO_IDLEX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
CO2_NBIO_RUNEX	997.1524031	997.1524031	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**997.1524031**
CO2_NBIO_STREX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
NOX_IDLEX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
NOX_RUNEX	4.028777302	4.028777302	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**4.028777302**
NOX_STREX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
PM10_IDLEX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0.016000005**
PM10_RUNEX	0.095725084	0.095725084	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0.095725084**
PM10_STREX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
PM25_IDLEX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0.004000001**
PM25_RUNEX	0.091584059	0.091584059	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0.091584059**
PM25_STREX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
ROG_DIURN	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
ROG_HTSK	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
ROG_IDLEX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
ROG_RESTL	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
ROG_RUNEX	0.111527266	0.111527266	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0.111527266**
ROG_RUNLS	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
ROG_STREX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
SO2_IDLEX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
SO2_RUNEX	0.009426676	0.009426676	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0.009426676**
SO2_STREX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
TOG_DIURN	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
TOG_HTSK	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
TOG_IDLEX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
TOG_RESTL	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
TOG_RUNEX	0.126966378	0.126966378	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0.126966378**
TOG_RUNLS	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
TOG_STREX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**

CH4_IDLEX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
CH4_RUNEX	0.005180228	0.005180228	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0.005180228**
CH4_STREX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
CO_IDLEX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
CO_RUNEX	0.396166744	0.396166744	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0.396166744**
CO_STREX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
CO2_NBIO_IDLEX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
CO2_NBIO_RUNEX	997.1524031	997.1524031	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**997.1524031**
CO2_NBIO_STREX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
NOX_IDLEX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
NOX_RUNEX	4.249270846	4.249270846	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**4.249270846**
NOX_STREX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
PM10_IDLEX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0.016000005**
PM10_RUNEX	0.095725084	0.095725084	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0.095725084**
PM10_STREX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
PM25_IDLEX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0.004000001**
PM25_RUNEX	0.091584059	0.091584059	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0.091584059**
PM25_STREX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
ROG_DIURN	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
ROG_HTSK	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
ROG_IDLEX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
ROG_RESTL	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
ROG_RUNEX	0.111527266	0.111527266	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0.111527266**
ROG_RUNLS	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
ROG_STREX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
SO2_IDLEX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
SO2_RUNEX	0.009426676	0.009426676	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0.009426676**
SO2_STREX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
TOG_DIURN	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
TOG_HTSK	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
TOG_IDLEX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
TOG_RESTL	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
TOG_RUNEX	0.126966378	0.126966378	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0.126966378**
TOG_RUNLS	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**
TOG_STREX	0	0	0	1806.236529	804.112051	0	16734.07002	7181.851911	0	180.6959024	80.4112051	0	**0**

EMFAC2017 Derived CalEEMod Annual Emission Rates: Year 2027[1,2]

Season	Pollutant	LDA	LDT1	LDT2	MDV	LHDT1	LHDT2	MHDT	HHDT	OBUS	UBUS	MCY	SBUS	MH
Annual	CH4_IDLEX	0	0	0	0	0.0044154	0.002661381	0.004091125	0.023990214	0.0087302	0	0	0.0172795	0
Annual	CH4_RUNEX	0.0012691	0.0025083	0.0021404	0.0027361	0.0069005	0.006042576	0.001519512	0.044292088	0.0060878	0.0525011	0.3316229	0.0021379	0.0049533
Annual	CH4_STREX	0.0371362	0.0495461	0.0523858	0.0608687	0.0113623	0.005872249	0.009542903	3.68371E-07	0.0234481	0.0013339	0.2547286	0.0013728	0
Annual	CO_IDLEX	0	0	0	0	0.1742588	0.130727369	0.446992273	6.236129409	0.5355517	0	0	1.3518539	0
Annual	CO_RUNEX	0.4487117	0.6616379	0.600896	0.6721043	0.6426661	0.563844286	0.202854587	0.403914244	0.6530653	0.1006876	19.163859	0.1900005	0.3723627
Annual	CO_STREX	1.9290851	2.0883796	2.5084863	2.7169616	0.9311561	0.495597425	1.042792968	0.005343407	2.5862545	0.2068597	9.1546066	0.1966261	0
Annual	CO2_NBIO_IDLEX	0	0	0	0	8.8079994	13.81589662	80.4884037	979.8195697	69.844514	0	0	285.59815	0
Annual	CO2_NBIO_RUNEX	228.06687	276.14771	289.09373	357.02517	737.80366	716.3538213	1067.403907	1323.464782	1389.4375	1211.0822	213.03779	939.12428	971.96227
Annual	CO2_NBIO_STREX	48.409297	59.199267	62.382524	76.111504	10.314568	6.591347005	9.573281922	0.041791461	20.053739	2.6787371	60.812328	1.129352	0
Annual	NOX_IDLEX	0	0	0	0	0.062693	0.092988358	0.4624312	5.220822814	0.2693677	0	0	1.9682011	0
Annual	NOX_RUNEX	0.0231161	0.048051	0.0416461	0.0562044	0.6711373	0.694842987	1.449877663	2.594733889	1.0618953	0.555178	1.1565909	2.2623203	3.9276828
Annual	NOX_STREX[3]	0.1470551	0.1921614	0.2073656	0.2483331	0.2633917	0.144395708	1.663951587	2.366756162	0.7347365	0.0208808	0.2720866	1.69779	0
Annual	PM10_IDLEX	0	0	0	0	0.0009477	0.001502015	0.000310378	0.002311385	9.063E-05	0	0	0.0011281	0
Annual	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060891919	0.13034	0.0639188	0.01176	0.7448002	0.13034
Annual	PM10_PMTW	0.008	0.008	0.008	0.008	0.0099372	0.010861958	0.012000003	0.035495535	0.012	0.0230734	0.004	0.0115834	0.016
Annual	PM10_RUNEX	0.0011536	0.0013634	0.0012213	0.0012804	0.0105933	0.015933629	0.007168851	0.024383232	0.0061378	0.0043018	0.002114	0.0138311	0.0851148
Annual	PM10_STREX	0.0015507	0.001861	0.0015758	0.0016124	0.0002157	0.000103218	0.000120938	5.45454E-07	0.0002127	4.639E-05	0.0029382	1.788E-05	0
Annual	PM25_IDLEX	0	0	0	0	0.0009067	0.001437038	0.000296951	0.002211396	8.671E-05	0	0	0.0010793	0
Annual	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.026096537	0.05586	0.0273938	0.00504	0.3192001	0.05586
Annual	PM25_PMTW	0.002	0.002	0.002	0.002	0.0024843	0.002715489	0.003000001	0.008873884	0.003	0.0057684	0.001	0.0028958	0.004
Annual	PM25_RUNEX	0.001062	0.001254	0.0011243	0.0011807	0.0100911	0.015222209	0.00685028	0.023328396	0.0058479	0.0041078	0.001974	0.0132269	0.0814328
Annual	PM25_STREX	0.0014258	0.0017111	0.0014489	0.0014825	0.0001983	9.49055E-05	0.000111198	5.01525E-07	0.0001955	4.265E-05	0.0027578	1.644E-05	0
Annual	ROG_DIURN	0.0316039	0.0667924	0.0537405	0.0673947	0.0015878	0.000675636	0.000330862	1.36292E-06	0.0016197	0.000446	0.8821432	0.0001035	0
Annual	ROG_HTSK	0.0800029	0.1391712	0.1073929	0.1311113	0.0653248	0.02803785	0.017138513	6.2829E-05	0.02674	0.001692	0.7091888	0.0009771	0
Annual	ROG_IDLEX	0	0	0	0	0.0187244	0.014169479	0.020359599	0.420186297	0.0486729	0	0	0.0920988	0
Annual	ROG_RESTL	0.0316565	0.0627862	0.0584839	0.0746597	0.0009348	0.00042315	0.000202743	8.68624E-07	0.0007962	0.0001064	0.5450422	5.036E-05	0
Annual	ROG_RUNEX	0.0044804	0.0101979	0.0081156	0.0109816	0.0894549	0.107775754	0.014667296	0.024590573	0.0334261	0.0012277	2.2340269	0.0358574	0.106641
Annual	ROG_RUNLS	0.1916423	0.5234786	0.3944975	0.4404508	0.4910998	0.168917539	0.091750924	0.000332195	0.2938978	0.005307	1.8032543	0.0065813	0
Annual	ROG_STREX	0.1590794	0.2308896	0.2324922	0.2868211	0.056593	0.028353693	0.048133344	1.92368E-06	0.1221239	0.0044746	1.9424767	0.0076192	0
Annual	SO2_IDLEX	0	0	0	0	8.521E-05	0.000131876	0.000763461	0.009119804	0.0006662	0	0	0.002705	0
Annual	SO2_RUNEX	0.0021546	0.0026088	0.0027311	0.0033729	0.0071908	0.006907023	0.010201115	0.012117804	0.0135171	0.0114926	0.0021082	0.0089086	0.0091885
Annual	SO2_STREX	0.0004573	0.0005593	0.0005893	0.000719	0.0001021	6.52267E-05	9.47354E-05	4.1356E-07	0.0001984	2.651E-05	0.0006018	1.118E-05	0
Annual	TOG_DIURN	0.0316921	0.0669793	0.0538908	0.0675832	0.0015878	0.000675636	0.000330862	1.36292E-06	0.0016197	0.000446	0.8821432	0.0001035	0
Annual	TOG_HTSK	0.0802264	0.1395606	0.1076933	0.1314781	0.0653248	0.02803785	0.017138513	6.2829E-05	0.02674	0.001692	0.7091888	0.0009771	0
Annual	TOG_IDLEX	0	0	0	0	0.0261078	0.01878098	0.027652077	0.482847563	0.0648486	0	0	0.127087	0
Annual	TOG_RESTL	0.031745	0.062962	0.0586476	0.0748687	0.0009348	0.00042315	0.000202743	8.68624E-07	0.0007962	0.0001064	0.5450422	5.036E-05	0
Annual	TOG_RUNEX	0.0065248	0.0149116	0.0118336	0.0159859	0.1069536	0.124385079	0.018219639	0.07141139	0.0468292	0.054094	2.7788471	0.0417299	0.1214037
Annual	TOG_RUNLS	0.1921789	0.5249443	0.3956021	0.4416841	0.4910998	0.168917539	0.091750924	0.000332195	0.2938978	0.005307	1.8032543	0.0065813	0
Annual	TOG_STREX	0.1745899	0.2534018	0.2551606	0.3147867	0.0619622	0.031043725	0.052699953	2.10619E-06	0.1337104	0.0048992	2.1144383	0.008342	0
Summer	CH4_IDLEX	0	0	0	0	0.0044297	0.002669364	0.003858797	0.025359552	0.0088171	0	0	0.0173457	0
Summer	CH4_RUNEX	0.0014677	0.002871	0.0024622	0.0031437	0.0070307	0.00609034	0.001563151	0.044293596	0.0063187	0.0525076	0.3228977	0.002161	0.0049533
Summer	CH4_STREX	0.0305989	0.0405622	0.0430596	0.0499872	0.0106542	0.005508518	0.008939884	3.4134E-07	0.0218053	0.0011757	0.2104796	0.0011134	0
Summer	CO_IDLEX	0	0	0	0	0.1742588	0.130727369	0.37729345	6.14975897	0.5315444	0	0	1.3298375	0

Summer	CO_RUNEX	0.5475813	0.798169	0.7286777	0.8132278	0.6540233	0.567461423	0.206607615	0.404581134	0.6753248	0.1011386	18.493772	0.1922211	0.3723627
Summer	CO_STREX	1.4780102	1.5972931	1.9146512	2.0700492	0.8568792	0.45664303	0.949661986	0.004866192	2.3259286	0.1703313	7.8352039	0.1356101	0
Summer	CO2_NBIO_IDLEX	0	0	0	0	8.8079994	13.81589662	80.42921262	968.3092157	69.095547	0	0	286.31204	0
Summer	CO2_NBIO_RUNEX	248.83637	297.71513	309.52699	377.99053	737.82427	716.3603748	1067.410616	1323.465874	1389.4775	1211.083	211.69103	939.12827	971.96227
Summer	CO2_NBIO_STREX	47.56089	58.233523	61.249186	74.853798	10.184272	6.523331444	9.414545095	0.041034593	19.611025	2.6190561	57.537475	1.0277767	0
Summer	NOX_IDLEX	0	0	0	0	0.062693	0.092988358	0.451340455	4.982393104	0.2560078	0	0	1.9459988	0
Summer	NOX_RUNEX	0.0208869	0.0430489	0.0374596	0.0505728	0.6423923	0.668342776	1.393051696	2.50090153	1.0070689	0.5548497	1.012602	2.1733222	3.7807817
Summer	NOX_STREX[3]	0.1293947	0.1690926	0.1824724	0.2185111	0.2438598	0.133689809	1.656975532	2.366741892	0.7148838	0.019253	0.2476686	1.6967519	0
Summer	PM10_IDLEX	0	0	0	0	0.0009477	0.001502015	0.000265414	0.002030547	8.053E-05	0	0	0.0009642	0
Summer	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060891919	0.13034	0.0639188	0.01176	0.7448002	0.13034
Summer	PM10_PMTW	0.008	0.008	0.008	0.008	0.0099372	0.010861958	0.012000003	0.035495535	0.012	0.0230734	0.004	0.0115834	0.016
Summer	PM10_RUNEX	0.0011536	0.0013634	0.0012213	0.0012804	0.0105933	0.015933629	0.007168851	0.024383232	0.0061378	0.0043018	0.002114	0.0138311	0.0851148
Summer	PM10_STREX	0.0015507	0.001861	0.0015758	0.0016124	0.0002157	0.000103218	0.000120938	5.45454E-07	0.0002127	4.639E-05	0.0029382	1.788E-05	0
Summer	PM25_IDLEX	0	0	0	0	0.0009067	0.001437038	0.000253932	0.001942706	7.704E-05	0	0	0.0009225	0
Summer	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.026096537	0.05586	0.0273938	0.00504	0.3192001	0.05586
Summer	PM25_PMTW	0.002	0.002	0.002	0.002	0.0024843	0.002715489	0.003000001	0.008873884	0.003	0.0057684	0.001	0.0028958	0.004
Summer	PM25_RUNEX	0.001062	0.001254	0.0011243	0.0011807	0.0100911	0.015222209	0.00685028	0.023328396	0.0058479	0.0041078	0.001974	0.0132269	0.0814328
Summer	PM25_STREX	0.0014258	0.0017111	0.0014489	0.0014825	0.0001983	9.49055E-05	0.000111198	5.01525E-07	0.0001955	4.265E-05	0.0027578	1.644E-05	0
Summer	ROG_DIURN	0.0810646	0.1726952	0.1347243	0.1682601	0.0040009	0.001686638	0.00084812	3.87281E-06	0.00394	0.0012082	2.5909309	0.0002601	0
Summer	ROG_HTSK	0.0896292	0.1613468	0.1202393	0.1462694	0.0744209	0.031714213	0.019582138	7.18364E-05	0.0284758	0.0021099	1.0450303	0.0010392	0
Summer	ROG_IDLEX	0	0	0	0	0.0187244	0.014169479	0.019661994	0.444707055	0.0498274	0	0	0.0930014	0
Summer	ROG_RESTL	0.0711821	0.1418366	0.1280587	0.1632884	0.0021159	0.00095245	0.000477025	2.35084E-06	0.0017962	0.0002791	1.6606635	0.0001212	0
Summer	ROG_RUNEX	0.0050788	0.0115022	0.0091739	0.0123959	0.0900602	0.10796591	0.014843553	0.024598672	0.0345072	0.0012449	2.15519	0.0359663	0.106641
Summer	ROG_RUNLS	0.1810986	0.4902082	0.3700688	0.4142699	0.4786775	0.164586951	0.089233424	0.0003291	0.2876515	0.005027	1.7028399	0.0055899	0
Summer	ROG_STREX	0.1286416	0.1857834	0.187751	0.2315195	0.0528507	0.026485745	0.044821294	1.79131E-06	0.113163	0.0039441	1.5865167	0.0061712	0
Summer	SO2_IDLEX	0	0	0	0	8.521E-05	0.000131876	0.000763052	0.009012213	0.0006592	0	0	0.0027118	0
Summer	SO2_RUNEX	0.0023508	0.0028125	0.0029241	0.003571	0.007191	0.006907088	0.010201181	0.012117814	0.0135175	0.0114926	0.0020949	0.0089086	0.0091885
Summer	SO2_STREX	0.0004493	0.0005501	0.0005786	0.0007071	0.0001008	6.45537E-05	9.31646E-05	4.06071E-07	0.0001941	2.592E-05	0.0005694	1.017E-05	0
Summer	TOG_DIURN	0.0812904	0.1731782	0.1351008	0.1687306	0.0040009	0.001686638	0.00084812	3.87281E-06	0.00394	0.0012082	2.5909309	0.0002601	0
Summer	TOG_HTSK	0.0898796	0.1617983	0.1205757	0.1466786	0.0744209	0.031714213	0.019582138	7.18364E-05	0.0284758	0.0021099	1.0450303	0.0010392	0
Summer	TOG_IDLEX	0	0	0	0	0.0261078	0.01878098	0.026539602	0.510994045	0.0661628	0	0	0.1281144	0
Summer	TOG_RESTL	0.0713809	0.1422335	0.1284169	0.1637454	0.0021159	0.00095245	0.000477025	2.35084E-06	0.0017962	0.0002791	1.6606635	0.0001212	0
Summer	TOG_RUNEX	0.0074001	0.0168194	0.0133815	0.0180547	0.1078368	0.124662553	0.018476834	0.071423209	0.0484067	0.0541191	2.6831042	0.0418888	0.1214037
Summer	TOG_RUNLS	0.1816057	0.4915808	0.3711049	0.4154298	0.4786775	0.164586951	0.089233424	0.0003291	0.2876515	0.005027	1.7028399	0.0055899	0
Summer	TOG_STREX	0.1411844	0.2038976	0.206057	0.2540931	0.0578648	0.028998557	0.049073675	1.96126E-06	0.1238993	0.0043183	1.7270618	0.0067567	0

Winter	CH4_IDLEX	0	0	0	0	0.0044035	0.002654736	0.004318024	0.017939369	0.008632	0	0	0.0172046	0
Winter	CH4_RUNEX	0.0012131	0.002406	0.0020492	0.0026224	0.006795	0.006003718	0.001484857	0.001122294	0.0059081	0.0524959	0.3429348	0.0021202	0.0049533
Winter	CH4_STREX	0.0418309	0.0560161	0.0590865	0.0686878	0.0119624	0.006179957	0.010056585	3.91781E-07	0.0246975	0.001452	0.2969647	0.0015591	0
Winter	CO_IDLEX	0	0	0	0	0.1742588	0.130727369	0.518669505	6.271490024	0.5410855	0	0	1.3822576	0
Winter	CO_RUNEX	0.4400071	0.6501973	0.5898743	0.6601634	0.6338321	0.561030054	0.199979821	0.254359463	0.6360732	0.1003488	20.838712	0.1883394	0.3723627
Winter	CO_STREX	2.2978932	2.4893939	2.9910451	3.2417747	1.0014565	0.53242166	1.131185615	0.005796343	2.7981729	0.2373434	10.642114	0.2456588	0
Winter	CO2_NBIO_IDLEX	0	0	0	0	8.8079994	13.81589662	80.69835775	981.04027	70.8788	0	0	284.61231	0
Winter	CO2_NBIO_RUNEX	225.22972	273.20497	286.30514	354.16509	737.78756	716.3486946	1067.398752	1282.592998	1389.4069	1211.0816	216.0496	939.12129	971.96227
Winter	CO2_NBIO_STREX	49.095234	59.977206	63.29303	77.119247	10.43672	6.655059341	9.722996697	0.042509782	20.412609	2.728382	64.328824	1.2105715	0
Winter	NOX_IDLEX	0	0	0	0	0.062693	0.092988358	0.477766767	5.47370137	0.2878171	0	0	1.9988614	0
Winter	NOX_RUNEX	0.0254868	0.0530906	0.0459728	0.0620102	0.6849263	0.706659823	1.473971799	2.624329829	1.0895427	0.5553779	1.2460925	2.2997848	3.9877948
Winter	NOX_STREX[3]	0.1617989	0.2113599	0.2281346	0.2731976	0.2811618	0.154143053	1.670260342	2.366769066	0.7526581	0.0222596	0.2927268	1.6985865	0
Winter	PM10_IDLEX	0	0	0	0	0.0009477	0.001502015	0.00037247	0.002639575	0.0001046	0	0	0.0013546	0
Winter	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060058365	0.13034	0.0639188	0.01176	0.7448002	0.13034
Winter	PM10_PMTW	0.008	0.008	0.008	0.008	0.0099372	0.010861958	0.012000003	0.035009498	0.012	0.0230734	0.004	0.0115834	0.016
Winter	PM10_RUNEX	0.0011536	0.0013634	0.0012213	0.0012804	0.0105933	0.015933629	0.007168851	0.024335624	0.0061378	0.0043018	0.002114	0.0138311	0.0851148
Winter	PM10_STREX	0.0015507	0.001861	0.0015758	0.0016124	0.0002157	0.000103218	0.000120938	5.45454E-07	0.0002127	4.639E-05	0.0029382	1.788E-05	0
Winter	PM25_IDLEX	0	0	0	0	0.0009067	0.001437038	0.000356358	0.002525389	0.0001	0	0	0.001296	0
Winter	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.025739299	0.05586	0.0273938	0.00504	0.3192001	0.05586
Winter	PM25_PMTW	0.002	0.002	0.002	0.002	0.0024843	0.002715489	0.003000001	0.008752374	0.003	0.0057684	0.001	0.0028958	0.004
Winter	PM25_RUNEX	0.001062	0.001254	0.0011243	0.0011807	0.0100911	0.015222209	0.00685028	0.023282848	0.0058479	0.0041078	0.001974	0.0132269	0.0814328
Winter	PM25_STREX	0.0014258	0.0017111	0.0014489	0.0014825	0.0001983	9.49055E-05	0.000111198	5.01525E-07	0.0001955	4.265E-05	0.0027578	1.644E-05	0
Winter	ROG_DIURN	0.0114468	0.0230718	0.0210982	0.0268129	0.0005834	0.000267456	0.00012353	4.44081E-07	0.0007145	0.0001478	0.172744	4.313E-05	0
Winter	ROG_HTSK	0.0821243	0.1448801	0.1100173	0.1340742	0.0710228	0.029353285	0.017648064	6.8758E-05	0.0271668	0.001763	0.800461	0.0009928	0
Winter	ROG_IDLEX	0	0	0	0	0.0187244	0.014169479	0.020944938	0.386229687	0.0470787	0	0	0.0908525	0
Winter	ROG_RESTL	0.014236	0.0282818	0.026757	0.0341079	0.0004226	0.000196547	9.00746E-05	3.19404E-07	0.0003841	4.207E-05	0.1721278	2.314E-05	0
Winter	ROG_RUNEX	0.0043439	0.0099024	0.0078726	0.0106689	0.0889683	0.107621335	0.014528465	0.023452435	0.0325831	0.0012141	2.3324457	0.0357739	0.106641
Winter	ROG_RUNLS	0.2273445	0.6423052	0.4797734	0.5326502	0.5446256	0.188595604	0.103764835	0.000363592	0.3204177	0.0061238	2.1584458	0.0085238	0
Winter	ROG_STREX	0.1817652	0.2646868	0.2658741	0.3281065	0.0597868	0.029945535	0.050995101	2.03805E-06	0.1289651	0.0048696	2.2910178	0.0086616	0
Winter	SO2_IDLEX	0	0	0	0	8.521E-05	0.000131876	0.000765293	0.009268382	0.000676	0	0	0.0026957	0
Winter	SO2_RUNEX	0.0021278	0.002581	0.0027048	0.0033459	0.0071907	0.006906973	0.010201064	0.012117796	0.0135168	0.0114926	0.002138	0.0089086	0.0091885
Winter	SO2_STREX	0.0004638	0.0005666	0.0005979	0.0007286	0.0001033	6.58572E-05	9.62169E-05	4.20669E-07	0.000202	2.7E-05	0.0006366	1.198E-05	0
Winter	TOG_DIURN	0.0114788	0.0231364	0.0211573	0.026888	0.0005834	0.000267456	0.00012353	4.44081E-07	0.0007145	0.0001478	0.172744	4.313E-05	0
Winter	TOG_HTSK	0.0823537	0.1452855	0.1103251	0.1344494	0.0710228	0.029353285	0.017648064	6.8758E-05	0.0271668	0.001763	0.800461	0.0009928	0
Winter	TOG_IDLEX	0	0	0	0	0.0261078	0.01878098	0.028636747	0.439693099	0.0630337	0	0	0.1256681	0
Winter	TOG_RESTL	0.0142759	0.028361	0.0268319	0.0342034	0.0004226	0.000196547	9.00746E-05	3.19404E-07	0.0003841	4.207E-05	0.1721278	2.314E-05	0
Winter	TOG_RUNEX	0.0063251	0.0144794	0.0114781	0.0155286	0.1062435	0.12415975	0.018017058	0.026758662	0.045599	0.0540741	2.8989718	0.0416081	0.1214037
Winter	TOG_RUNLS	0.227981	0.6441036	0.4811167	0.5341417	0.5446256	0.188595604	0.103764835	0.000363592	0.3204177	0.0061238	2.1584458	0.0085238	0
Winter	TOG_STREX	0.1994877	0.2904942	0.2917973	0.3600975	0.065459	0.032786592	0.055833217	2.23141E-06	0.1412006	0.0053316	2.4937098	0.0094833	0

1 Source: California Air Resources Board. EMFAC2017 Web Database. https://www.arb.ca.gov/emfac/2017/; California Air Pollution Control Officers Association (CAPCOA). 2017, November. California Emissions Estimator Model User's Guide, Version 2016.3.2, Appendix A.

2 Unless otherwise noted, per CalEEMod methodology, the calculated CalEEMod emission rates are derived from the emission rates obtained using the EMFAC2017 Web Database for the Contra Costa (SF) region .

3 Because EMFAC2017 provides vehicle trips data for MHDT and HHDT diesel trucks, the formula provided in Appendix A of the CalEEMod User's Guide in calculating the NO_X STREX emission rates are utilized.

Off-Model SAFE Rule Adjustment Factors for Gasoline Light Duty Vehicle (LDA, LDT1, LDT2, MDV) Emissions in EMFAC2017

Year	NOx Exh	TOG Evap	TOG Exh	PM Exh	CO Exh	CO2 Exh
2021	1.0002	1.0001	1.0002	1.0009	1.0005	1.0023
2022	1.0004	1.0003	1.0004	1.0018	1.0014	1.0065
2023	1.0007	1.0006	1.0007	1.0032	1.0027	1.0126
2024	1.0012	1.001	1.0011	1.0051	1.0044	1.0207
2025	1.0018	1.0016	1.0016	1.0074	1.0065	1.0309
2026	1.0023	1.0022	1.002	1.0091	1.0083	1.0394
2027	1.0028	1.0028	1.0024	1.0105	1.0102	1.0475
2028	1.0034	1.0035	1.0028	1.0117	1.012	1.0554
2029	1.004	1.0042	1.0032	1.0129	1.0138	1.0629
2030	1.0047	1.0051	1.0037	1.0142	1.0156	1.0702
2031	1.0054	1.0061	1.0042	1.0155	1.0173	1.077
2032	1.0061	1.0072	1.0047	1.0169	1.0189	1.0834
2033	1.0068	1.0083	1.0052	1.0182	1.0204	1.0893
2034	1.0075	1.0095	1.0058	1.0196	1.0218	1.0947
2035	1.0081	1.0108	1.0063	1.021	1.0232	1.0997
2036	1.0088	1.0121	1.0069	1.0223	1.0244	1.1041
2037	1.0094	1.0134	1.0074	1.0236	1.0255	1.108
2038	1.0099	1.0148	1.0079	1.0248	1.0265	1.1114
2039	1.0104	1.0161	1.0085	1.0259	1.0274	1.1143
2040	1.0109	1.0174	1.009	1.027	1.0281	1.1168
2041	1.0113	1.0186	1.0095	1.0279	1.0288	1.1189
2042	1.0116	1.0198	1.0099	1.0286	1.0294	1.1207
2043	1.0119	1.0207	1.0103	1.0293	1.0299	1.1221
2044	1.0122	1.0216	1.0106	1.0299	1.0303	1.1233
2045	1.0124	1.0225	1.0109	1.0303	1.0306	1.1243
2046	1.0125	1.0233	1.0111	1.0308	1.0309	1.1251
2047	1.0127	1.024	1.0113	1.0311	1.0311	1.1258
2048	1.0128	1.0246	1.0115	1.0314	1.0313	1.1263
2049	1.0128	1.0252	1.0116	1.0316	1.0315	1.1268
2050	1.0129	1.0257	1.0117	1.0318	1.0316	1.1272

Sources: California Air Resources Board. 2019, November 20. EMFAC Off-Model Adjustment Factors to Account for the SAFE Vehicles Rule Part One and the Final Safe Rule. hhttps://ww3.arb.ca.gov/msei/emfac_off_model_adjustment_factors_final_draft.pdf; California Air Resources Board. 2020, June 26. EMFAC Off-Model Adjustment Factors for Carbon Dioxide (CO2) Emissions to Account for the SAFE Vehicles Rule Part One and the Final Safe Rule. https://ww3.arb.ca.gov/msei/emfac_off_model_co2_adjustment_factors_06262020-final.pdf.

LDA CalEEMod Emission Rate Worksheet

Vehicle Class: LDA

Pollutant	CARB SAFE Rule Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	LDA Gas	LDA DSL	LDA Elec	LDA Gas	LDA DSL	LDA Elec	LDA Gas	LDA DSL	LDA Elec	
CH4_IDLEX		0	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0**
CH4_RUNEX		0.001335822	0.000364994	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.001269054**
CH4_STREX		0.039041469	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.037136161**
CO_IDLEX	1.0102	0	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0**
CO_RUNEX	1.0102	0.471906519	0.16378842	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.448711696**
CO_STREX	1.0102	2.028058802	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**1.929085122**
CO2_NBIO_IDLEX	1.0475	0	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0**
CO2_NBIO_RUNEX	1.0475	238.6783728	182.3140558	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**228.0668716**
CO2_NBIO_STREX	1.0475	50.89298555	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**48.40929719**
NOX_IDLEX	1.0028	0	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0**
NOX_RUNEX	1.0028	0.024051867	0.03023322	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.023116066**
NOX_STREX	1.0028	0.154599868	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.147055059**
PM10_IDLEX	1.0105	0	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.008000002**
PM10_RUNEX	1.0105	0.001180102	0.003207276	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.001153594**
PM10_STREX	1.0105	0.001630263	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.001550702**
PM25_IDLEX	1.0105	0	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.002000001**
PM25_RUNEX	1.0105	0.00108506	0.00306853	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.001062033**
PM25_STREX	1.0105	0.001498967	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.001425814**
ROG_DIURN		0.155219259	0	0.016340367	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.031603917**
ROG_HTSK		0.083913938	0	0.004888026	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.080002925**
ROG_IDLEX		0	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0**
ROG_RESTL		0.155907042	0	0.0050371	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.031656453**
ROG_RUNEX		0.004638034	0.007858112	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.004480411**
ROG_RUNLS		0.201474662	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.191642261**
ROG_STREX		0.167241135	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.159079404**
SO2_IDLEX		0	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0**
SO2_RUNEX		0.002254812	0.001723523	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.002154578**
SO2_STREX		0.00048079	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.000457326**
TOG_DIURN	1.0028	0.155653873	0	0.016340367	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.031692056**
TOG_HTSK	1.0028	0.084148897	0	0.004888026	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.080226418**
TOG_IDLEX	1.0024	0	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0**
TOG_RESTL	1.0028	0.156343582	0	0.0050371	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.031744982**
TOG_RUNEX	1.0024	0.006784051	0.008945938	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.00652481**
TOG_RUNLS	1.0028	0.202038791	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.192178859**
TOG_STREX	1.0024	0.183547451	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.174589936**
CH4_IDLEX		0	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0**
CH4_RUNEX		0.00154558	0.000364994	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.001467683**
CH4_STREX		0.032168774	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.030598868**
CO_IDLEX	1.0102	0	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0**
CO_RUNEX	1.0102	0.576315936	0.16378842	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.547581293**
CO_STREX	1.0102	1.553840997	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**1.478010178**
CO2_NBIO_IDLEX	1.0475	0	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0**
CO2_NBIO_RUNEX	1.0475	260.611619	182.3140558	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**248.8363699**
CO2_NBIO_STREX	1.0475	50.00105041	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**47.56089042**
NOX_IDLEX	1.0028	0	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0**
NOX_RUNEX	1.0028	0.021711533	0.029079642	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.02088692**
NOX_STREX	1.0028	0.136033479	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.12939475**
PM10_IDLEX	1.0105	0	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.008000002**
PM10_RUNEX	1.0105	0.001180102	0.003207276	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.001153594**
PM10_STREX	1.0105	0.001630263	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.001550702**
PM25_IDLEX	1.0105	0	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.002000001**
PM25_RUNEX	1.0105	0.00108506	0.00306853	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.001062033**
PM25_STREX	1.0105	0.001498967	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.001425814**
ROG_DIURN		0.397641882	0	0.055052995	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.081064631**
ROG_HTSK		0.094034073	0	0.004888026	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.089629175**
ROG_IDLEX		0	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0**
ROG_RESTL		0.350004691	0	0.026225054	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.071182135**
ROG_RUNEX		0.005269959	0.007858112	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.005078807**
ROG_RUNLS		0.190390079	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.181098629**
ROG_STREX		0.135241729	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.128641638**
SO2_IDLEX		0	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0**
SO2_RUNEX		0.002462017	0.001723523	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.002350789**
SO2_STREX		0.000472364	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.000449311**
TOG_DIURN	1.0028	0.39875528	0	0.055052995	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.081290426**
TOG_HTSK	1.0028	0.094297368	0	0.004888026	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.089879621**
TOG_IDLEX	1.0024	0	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0**
TOG_RESTL	1.0028	0.350984704	0	0.026225054	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.07138088**
TOG_RUNEX	1.0024	0.007708368	0.008945938	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.007400084**
TOG_RUNLS	1.0028	0.190923171	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.181605705**
TOG_STREX	1.0024	0.148428044	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.141184433**

CH4_IDLEX		0	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0**
CH4_RUNEX		0.001276752	0.000364994	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.001213119**
CH4_STREX		0.043977072	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.041830895**
CO_IDLEX	1.0102	0	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0**
CO_RUNEX	1.0102	0.462714147	0.16378842	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.440007058**
CO_STREX	1.0102	2.415788951	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**2.297893198**
CO2_NBIO_IDLEX	1.0475	0	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0**
CO2_NBIO_RUNEX	1.0475	235.6822535	182.3140558	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**225.2297222**
CO2_NBIO_STREX	1.0475	51.61411535	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**49.09523429**
NOX_IDLEX	1.0028	0	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0**
NOX_RUNEX	1.0028	0.026550172	0.03067691	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.025486809**
NOX_STREX	1.0028	0.17010019	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.161798931**
PM10_IDLEX	1.0105	0	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.008000002**
PM10_RUNEX	1.0105	0.001180102	0.003207276	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.001153594**
PM10_STREX	1.0105	0.001630263	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.001550702**
PM25_IDLEX	1.0105	0	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.002000001**
PM25_RUNEX	1.0105	0.00108506	0.00306853	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.001062033**
PM25_STREX	1.0105	0.001498967	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.001425814**
ROG_DIURN		0.056416553	0	0.000728453	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.011446793**
ROG_HTSK		0.086144132	0	0.004888026	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.082124282**
ROG_IDLEX		0	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0**
ROG_RESTL		0.0701945	0	8.57726E-05	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.014235996**
ROG_RUNEX		0.004493846	0.007858112	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.004343873**
ROG_RUNLS		0.239008594	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.227344455**
ROG_STREX		0.191090899	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.181765248**
SO2_IDLEX		0	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0**
SO2_RUNEX		0.002226508	0.001723523	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.002127775**
SO2_STREX		0.000487602	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.000463806**
TOG_DIURN	1.0028	0.056574519	0	0.000728453	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.011478828**
TOG_HTSK	1.0028	0.086385336	0	0.004888026	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.082353714**
TOG_IDLEX	1.0024	0	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0**
TOG_RESTL	1.0028	0.070391045	0	8.57726E-05	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.014275855**
TOG_RUNEX	1.0024	0.006573147	0.008945938	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.006325096**
TOG_RUNLS	1.0028	0.239677819	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.22798102**
TOG_STREX	1.0024	0.20972261	0	0	449509.9994	5234.401712	17049.81066	16178316.19	192336.4858	714160.2143	2108363.9	24657.5567	83514.2032	**0.199487691**

LDT1 CalEEMod Emission Rate Worksheet

Vehicle Class: LDT1

Pollutant	CARB SAFE Rule Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	LDT1 Gas	LDT1 DSL	LDT1 Elec	LDT1 Gas	LDT1 DSL	LDT1 Elec	LDT1 Gas	LDT1 DSL	LDT1 Elec	
CH4_IDLEX		0	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0**
CH4_RUNEX		0.002560261	0.004249262	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.002508296**
CH4_STREX		0.050461132	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.049546124**
CO_IDLEX	1.0102	0	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0**
CO_RUNEX	1.0102	0.675410805	0.728494051	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.66163787**
CO_STREX	1.0102	2.126947316	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**2.08837956**
CO2_NBIO_IDLEX	1.0475	0	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0**
CO2_NBIO_RUNEX	1.0475	281.8844146	373.9937482	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**276.1477095**
CO2_NBIO_STREX	1.0475	60.29254661	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**59.19926695**
NOX_IDLEX	1.0028	0	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0**
NOX_RUNEX	1.0028	0.048967074	0.556002555	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.048051005**
NOX_STREX	1.0028	0.195710226	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.192161429**
PM10_IDLEX	1.0105	0	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.008000002**
PM10_RUNEX	1.0105	0.001381847	0.060883324	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.001363402**
PM10_STREX	1.0105	0.001895356	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.001860988**
PM25_IDLEX	1.0105	0	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.002000001**
PM25_RUNEX	1.0105	0.001270557	0.058249538	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.001253969**
PM25_STREX	1.0105	0.00174271	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.00171111**
ROG_DIURN		0.312200993	0	0.016340367	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.066792437**
ROG_HTSK		0.141652129	0	0.004888026	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.13917116**
ROG_IDLEX		0	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0**
ROG_RESTL		0.293649155	0	0.0050371	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.062786231**
ROG_RUNEX		0.010396754	0.091484106	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.010197899**
ROG_RUNLS		0.533146099	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.523478605**
ROG_STREX		0.235153621	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.2308896**
SO2_IDLEX		0	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0**
SO2_RUNEX		0.002662983	0.003535586	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.002608788**
SO2_STREX		0.000569588	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.00055926**
TOG_DIURN	1.0028	0.313075156	0	0.016340367	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.066979291**
TOG_HTSK	1.0028	0.142048755	0	0.004888026	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.139560594**
TOG_IDLEX	1.0024	0	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0**
TOG_RESTL	1.0028	0.294471373	0	0.0050371	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.062961982**
TOG_RUNEX	1.0024	0.015207329	0.104148573	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.014911602**
TOG_RUNLS	1.0028	0.534638908	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.524944345**
TOG_STREX	1.0024	0.258081528	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.253401758**
CH4_IDLEX		0	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0**
CH4_RUNEX		0.002930591	0.004249262	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.002871009**
CH4_STREX		0.041311245	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.040562152**
CO_IDLEX	1.0102	0	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0**
CO_RUNEX	1.0102	0.814809159	0.728494051	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.79816898**
CO_STREX	1.0102	1.626791598	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**1.597293123**
CO2_NBIO_IDLEX	1.0475	0	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0**
CO2_NBIO_RUNEX	1.0475	303.9047696	373.9937482	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**297.7151343**
CO2_NBIO_STREX	1.0475	59.30896775	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**58.23352324**
NOX_IDLEX	1.0028	0	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0**
NOX_RUNEX	1.0028	0.043863441	0.534821856	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.043048876**
NOX_STREX	1.0028	0.172215381	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.169092614**
PM10_IDLEX	1.0105	0	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.008000002**
PM10_RUNEX	1.0105	0.001381847	0.060883324	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.001363402**
PM10_STREX	1.0105	0.001895356	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.001860988**
PM25_IDLEX	1.0105	0	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.002000001**
PM25_RUNEX	1.0105	0.001270557	0.058249538	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.001253969**
PM25_STREX	1.0105	0.00174271	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.00171111**
ROG_DIURN		0.806995673	0	0.055052995	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.172695221**
ROG_HTSK		0.164237279	0	0.004888026	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.161346775**
ROG_IDLEX		0	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0**
ROG_RESTL		0.663114937	0	0.026225054	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.141836591**
ROG_RUNEX		0.011728427	0.091484106	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.011502181**
ROG_RUNLS		0.49926124	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.490208178**
ROG_STREX		0.189214369	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.185783361**
SO2_IDLEX		0	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0**
SO2_RUNEX		0.002871011	0.003535586	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.002812537**
SO2_STREX		0.000560296	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.000550136**
TOG_DIURN	1.0028	0.809255261	0	0.055052995	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.173178212**
TOG_HTSK	1.0028	0.164697144	0	0.004888026	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.161798301**
TOG_IDLEX	1.0024	0	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0**
TOG_RESTL	1.0028	0.664971658	0	0.026225054	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.142233469**
TOG_RUNEX	1.0024	0.017155167	0.104148573	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.016819375**
TOG_RUNLS	1.0028	0.500659171	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.491580761**
TOG_STREX	1.0024	0.207663116	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.203897578**

CH4_IDLEX		0	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0**
CH4_RUNEX		0.002455831	0.004249262	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.002406014**
CH4_STREX		0.057050563	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.05601607**
CO_IDLEX	1.0102	0	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0**
CO_RUNEX	1.0102	0.663729945	0.728494051	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.65019727**
CO_STREX	1.0102	2.535367547	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**2.489393941**
CO2_NBIO_IDLEX	1.0475	0	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0**
CO2_NBIO_RUNEX	1.0475	278.8798723	373.9937482	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**273.2049667**
CO2_NBIO_STREX	1.0475	61.08485208	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**59.97720561**
NOX_IDLEX	1.0028	0	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0**
NOX_RUNEX	1.0028	0.054111134	0.564122166	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.053090589**
NOX_STREX	1.0028	0.215263295	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.211359944**
PM10_IDLEX	1.0105	0	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.008000002**
PM10_RUNEX	1.0105	0.001381847	0.060883324	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.001363402**
PM10_STREX	1.0105	0.001895356	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.001860988**
PM25_IDLEX	1.0105	0	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.002000001**
PM25_RUNEX	1.0105	0.001270557	0.058249538	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.001253969**
PM25_STREX	1.0105	0.00174271	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.00171111**
ROG_DIURN		0.107925147	0	0.000728453	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.023071837**
ROG_HTSK		0.147466478	0	0.004888026	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.144880077**
ROG_IDLEX		0	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0**
ROG_RESTL		0.13230989	0	8.57726E-05	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.02828181**
ROG_RUNEX		0.010095091	0.091484106	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.009902441**
ROG_RUNLS		0.654167124	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.642305166**
ROG_STREX		0.269574969	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.264686789**
SO2_IDLEX		0	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0**
SO2_RUNEX		0.002634599	0.003535586	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.002580988**
SO2_STREX		0.000577073	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.000566609**
TOG_DIURN	1.0028	0.108227337	0	0.000728453	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.023136431**
TOG_HTSK	1.0028	0.147879384	0	0.004888026	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.145285496**
TOG_IDLEX	1.0024	0	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0**
TOG_RESTL	1.0028	0.132680358	0	8.57726E-05	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.028360998**
TOG_RUNEX	1.0024	0.014766087	0.104148573	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.014479436**
TOG_RUNLS	1.0028	0.655998792	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.644103621**
TOG_STREX	1.0024	0.29585902	0	0	45381.32672	12.48470437	764.7279756	1614309.137	270.115486	33631.44044	208458.566	45.06116416	3804.707976	**0.290494234**

LDT2 CalEEMod Emission Rate Worksheet

Vehicle Class: LDT2

Pollutant	CARB SAFE Rule Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	LDT2 Gas	LDT2 DSL	LDT2 Elec	LDT2 Gas	LDT2 DSL	LDT2 Elec	LDT2 Gas	LDT2 DSL	LDT2 Elec	
CH4_IDLEX		0	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0**
CH4_RUNEX		0.002192078	0.000592825	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.002140384**
CH4_STREX		0.054016114	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.052385799**
CO_IDLEX	1.0102	0	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0**
CO_RUNEX	1.0102	0.615771686	0.127004487	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.600895967**
CO_STREX	1.0102	2.586553669	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**2.508486284**
CO2_NBIO_IDLEX	1.0475	0	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0**
CO2_NBIO_RUNEX	1.0475	294.519328	249.144483	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**289.0937327**
CO2_NBIO_STREX	1.0475	64.32395045	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**62.38252441**
NOX_IDLEX	1.0028	0	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0**
NOX_RUNEX	1.0028	0.042481104	0.030094478	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.04164614**
NOX_STREX	1.0028	0.213819045	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.207365557**
PM10_IDLEX	1.0105	0	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.008000002**
PM10_RUNEX	1.0105	0.001215639	0.004151963	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.001221254**
PM10_STREX	1.0105	0.001624824	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.001575784**
PM25_IDLEX	1.0105	0	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.002000001**
PM25_RUNEX	1.0105	0.001117735	0.003972351	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.001124286**
PM25_STREX	1.0105	0.001493966	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.001448875**
ROG_DIURN		0.256466496	0	0.016340367	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.053740481**
ROG_HTSK		0.110625731	0	0.004888026	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.10739289**
ROG_IDLEX		0	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0**
ROG_RESTL		0.279370023	0	0.0050371	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.058483945**
ROG_RUNEX		0.008214801	0.012763164	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.008115602**
ROG_RUNLS		0.406774824	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.394497543**
ROG_STREX		0.239727611	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.232492151**
SO2_IDLEX		0	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0**
SO2_RUNEX		0.002782346	0.002355311	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.002731105**
SO2_STREX		0.000607673	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.000589332**
TOG_DIURN	1.0028	0.257184603	0	0.016340367	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.053890755**
TOG_HTSK	1.0028	0.110935483	0	0.004888026	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.107693293**
TOG_IDLEX	1.0024	0	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0**
TOG_RESTL	1.0028	0.280152259	0	0.0050371	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.058647639**
TOG_RUNEX	1.0024	0.012015787	0.014530014	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.011833578**
TOG_RUNLS	1.0028	0.407913794	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.395602136**
TOG_STREX	1.0024	0.263101491	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.25516056**
CH4_IDLEX		0	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0**
CH4_RUNEX		0.002522448	0.000592825	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.002462162**
CH4_STREX		0.044399621	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.043059551**
CO_IDLEX	1.0102	0	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0**
CO_RUNEX	1.0102	0.746965386	0.127004487	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.728677674**
CO_STREX	1.0102	1.974237614	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**1.914651157**
CO2_NBIO_IDLEX	1.0475	0	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0**
CO2_NBIO_RUNEX	1.0475	315.4981907	249.144483	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**309.526992**
CO2_NBIO_STREX	1.0475	63.15534109	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**61.24918603**
NOX_IDLEX	1.0028	0	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0**
NOX_RUNEX	1.0028	0.038193317	0.028944647	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.037459556**
NOX_STREX	1.0028	0.188151166	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.182472385**
PM10_IDLEX	1.0105	0	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.008000002**
PM10_RUNEX	1.0105	0.001215639	0.004151963	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.001221254**
PM10_STREX	1.0105	0.001624824	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.001575784**
PM25_IDLEX	1.0105	0	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.002000001**
PM25_RUNEX	1.0105	0.001117735	0.003972351	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.001124286**
PM25_STREX	1.0105	0.001493966	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.001448875**
ROG_DIURN		0.642652354	0	0.055052995	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.13472427**
ROG_HTSK		0.123871918	0	0.004888026	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.120239281**
ROG_IDLEX		0	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0**
ROG_RESTL		0.611401978	0	0.026225054	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.128058702**
ROG_RUNEX		0.009301355	0.012763164	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.009173898**
ROG_RUNLS		0.38158578	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.370068754**
ROG_STREX		0.193594009	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.187750953**
SO2_IDLEX		0	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0**
SO2_RUNEX		0.002980535	0.002355311	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.002924139**
SO2_STREX		0.000596633	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.000578626**
TOG_DIURN	1.0028	0.64445178	0	0.055052995	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.135100824**
TOG_HTSK	1.0028	0.12421876	0	0.004888026	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.120575654**
TOG_IDLEX	1.0024	0	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0**
TOG_RESTL	1.0028	0.613113904	0	0.026225054	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.128416946**
TOG_RUNEX	1.0024	0.013605089	0.014530014	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.013381547**
TOG_RUNLS	1.0028	0.38265422	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.371104947**
TOG_STREX	1.0024	0.212469779	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.206057014**

CH4_IDLEX		0	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0**
CH4_RUNEX		0.002098451	0.000592825	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.002049192**
CH4_STREX		0.06092533	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.059086481**
CO_IDLEX	1.0102	0	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0**
CO_RUNEX	1.0102	0.604455755	0.127004487	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.589874334**
CO_STREX	1.0102	3.084130311	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**2.991045063**
CO2_NBIO_IDLEX	1.0475	0	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0**
CO2_NBIO_RUNEX	1.0475	291.6562783	249.144483	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**286.3051432**
CO2_NBIO_STREX	1.0475	65.26279194	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**63.29302978**
NOX_IDLEX	1.0028	0	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0**
NOX_RUNEX	1.0028	0.046919182	0.030537948	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.045972772**
NOX_STREX	1.0028	0.235234411	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.228134564**
PM10_IDLEX	1.0105	0	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.008000002**
PM10_RUNEX	1.0105	0.001215639	0.004151963	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.001221254**
PM10_STREX	1.0105	0.001624824	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.001575784**
PM25_IDLEX	1.0105	0	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.002000001**
PM25_RUNEX	1.0105	0.001117735	0.003972351	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.001124286**
PM25_STREX	1.0105	0.001493966	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.001448875**
ROG_DIURN		0.100806196	0	0.000728453	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.021098234**
ROG_HTSK		0.113331856	0	0.004888026	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.110017338**
ROG_IDLEX		0	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0**
ROG_RESTL		0.127860822	0	8.57726E-05	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.026756969**
ROG_RUNEX		0.00796531	0.012763164	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.0078726**
ROG_RUNLS		0.494704546	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.479773369**
ROG_STREX		0.274148449	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.265874098**
SO2_IDLEX		0	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0**
SO2_RUNEX		0.002755299	0.002355311	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.002704761**
SO2_STREX		0.000616542	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.000597934**
TOG_DIURN	1.0028	0.101088453	0	0.000728453	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.0211573**
TOG_HTSK	1.0028	0.113649185	0	0.004888026	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.11032509**
TOG_IDLEX	1.0024	0	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0**
TOG_RESTL	1.0028	0.128218832	0	8.57726E-05	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.026831887**
TOG_RUNEX	1.0024	0.011650856	0.014530014	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.011478138**
TOG_RUNLS	1.0028	0.496089718	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.481116734**
TOG_STREX	1.0024	0.30087842	0	0	142222.9265	1202.506182	2970.68504	5134233.447	47267.49911	89825.43936	659123.0752	5765.287851	14747.48736	**0.291797308**

MDV CalEEMod Emission Rate Worksheet

Vehicle Class: MDV

Pollutant	CARB SAFE Rule Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	MDV Gas	MDV DSL	MDV Elec	MDV Gas	MDV DSL	MDV Elec	MDV Gas	MDV DSL	MDV Elec	
CH4_IDLEX		0	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0**
CH4_RUNEX		0.002859852	0.000368411	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.002736088**
CH4_STREX		0.063994669	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.060868679**
CO_IDLEX	1.0102	0	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0**
CO_RUNEX	1.0102	0.699918512	0.172978808	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.672104294**
CO_STREX	1.0102	2.856494625	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**2.716961559**
CO2_NBIO_IDLEX	1.0475	0	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0**
CO2_NBIO_RUNEX	1.0475	364.432454	326.7262253	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**357.0251664**
CO2_NBIO_STREX	1.0475	80.02030886	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**76.11150436**
NOX_IDLEX	1.0028	0	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0**
NOX_RUNEX	1.0028	0.058151019	0.026557395	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.056204441**
NOX_STREX	1.0028	0.261086537	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.248333071**
PM10_IDLEX	1.0105	0	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.008000002**
PM10_RUNEX	1.0105	0.001246038	0.003113271	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.001280387**
PM10_STREX	1.0105	0.001695185	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.001612379**
PM25_IDLEX	1.0105	0	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.002000001**
PM25_RUNEX	1.0105	0.001145686	0.002978592	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.001180738**
PM25_STREX	1.0105	0.00155866	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.001482523**
ROG_DIURN		0.323247374	0	0.016340367	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.067394728**
ROG_HTSK		0.1377384	0	0.004888026	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.131111293**
ROG_IDLEX		0	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0**
ROG_RESTL		0.358351731	0	0.0050371	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.074659706**
ROG_RUNEX		0.011275903	0.007931676	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.010981616**
ROG_RUNLS		0.463070715	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.440450797**
ROG_STREX		0.301551183	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.286821115**
SO2_IDLEX		0	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0**
SO2_RUNEX		0.003442821	0.003088738	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.003372907**
SO2_STREX		0.000755958	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.000719031**
TOG_DIURN	1.0028	0.324152466	0	0.016340367	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.067583245**
TOG_HTSK	1.0028	0.138124068	0	0.004888026	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.131478122**
TOG_IDLEX	1.0024	0	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0**
TOG_RESTL	1.0028	0.359355116	0	0.0050371	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.074868695**
TOG_RUNEX	1.0024	0.01649326	0.009029686	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.015985917**
TOG_RUNLS	1.0028	0.464367313	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.441684059**
TOG_STREX	1.0024	0.330952974	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.314786697**
CH4_IDLEX		0	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0**
CH4_RUNEX		0.00328761	0.000368411	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.003143687**
CH4_STREX		0.052554338	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.049987182**
CO_IDLEX	1.0102	0	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0**
CO_RUNEX	1.0102	0.848021756	0.172978808	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.813227797**
CO_STREX	1.0102	2.176359295	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**2.070049245**
CO2_NBIO_IDLEX	1.0475	0	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0**
CO2_NBIO_RUNEX	1.0475	386.4347263	326.7262253	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**377.9905258**
CO2_NBIO_STREX	1.0475	78.69801156	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**74.85379818**
NOX_IDLEX	1.0028	0	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0**
NOX_RUNEX	1.0028	0.052272633	0.025543678	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.050572784**
NOX_STREX	1.0028	0.229733063	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.218511141**
PM10_IDLEX	1.0105	0	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.008000002**
PM10_RUNEX	1.0105	0.001246038	0.003113271	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.001280387**
PM10_STREX	1.0105	0.001695185	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.001612379**
PM25_IDLEX	1.0105	0	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.002000001**
PM25_RUNEX	1.0105	0.001145686	0.002978592	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.001180738**
PM25_STREX	1.0105	0.00155866	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.001482523**
ROG_DIURN		0.80674804	0	0.055052995	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.168260061**
ROG_HTSK		0.153674938	0	0.004888026	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.146269368**
ROG_IDLEX		0	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0**
ROG_RESTL		0.783450418	0	0.026225054	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.163288449**
ROG_RUNEX		0.012760185	0.007931676	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.012395947**
ROG_RUNLS		0.435545242	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.414269878**
ROG_STREX		0.243409533	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.231519548**
SO2_IDLEX		0	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0**
SO2_RUNEX		0.003650678	0.003088738	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.003570968**
SO2_STREX		0.000743466	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.000707149**
TOG_DIURN	1.0028	0.809006935	0	0.055052995	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.168730552**
TOG_HTSK	1.0028	0.154105227	0	0.004888026	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.146678639**
TOG_IDLEX	1.0024	0	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0**
TOG_RESTL	1.0028	0.785644079	0	0.026225054	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.163745353**
TOG_RUNEX	1.0024	0.018664319	0.009029686	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.018054659**
TOG_RUNLS	1.0028	0.436764769	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.415429834**
TOG_STREX	1.0024	0.267142407	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.254093127**

CH4_IDLEX		0	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0**
CH4_RUNEX		0.002740551	0.000368411	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.00262241**
CH4_STREX		0.072215357	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.068687807**
CO_IDLEX	1.0102	0	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0**
CO_RUNEX	1.0102	0.687386992	0.172978808	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.660163354**
CO_STREX	1.0102	3.408260185	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**3.241774665**
CO2_NBIO_IDLEX	1.0475	0	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0**
CO2_NBIO_RUNEX	1.0475	361.4309249	326.7262253	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**354.165092**
CO2_NBIO_STREX	1.0475	81.07980581	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**77.11924736**
NOX_IDLEX	1.0028	0	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0**
NOX_RUNEX	1.0028	0.064231718	0.026947603	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.062010236**
NOX_STREX	1.0028	0.287228044	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.273197628**
PM10_IDLEX	1.0105	0	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0**
PM10_PMBW		0.036750011	0.036750011	0.036750011	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.036750011**
PM10_PMTW		0.008000002	0.008000002	0.008000002	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.008000002**
PM10_RUNEX	1.0105	0.001246038	0.003113271	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.001280387**
PM10_STREX	1.0105	0.001695185	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.001612379**
PM25_IDLEX	1.0105	0	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0**
PM25_PMBW		0.015750005	0.015750005	0.015750005	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.015750005**
PM25_PMTW		0.002000001	0.002000001	0.002000001	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.002000001**
PM25_RUNEX	1.0105	0.001145686	0.002978592	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.001180738**
PM25_STREX	1.0105	0.00155866	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.001482523**
ROG_DIURN		0.128718244	0	0.000728453	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.026812947**
ROG_HTSK		0.140853506	0	0.004888026	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.134074233**
ROG_IDLEX		0	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0**
ROG_RESTL		0.163754931	0	8.57726E-05	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.03410787**
ROG_RUNEX		0.010947762	0.007931676	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.010668939**
ROG_RUNLS		0.560005178	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.532650238**
ROG_STREX		0.344956837	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.328106504**
SO2_IDLEX		0	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0**
SO2_RUNEX		0.003414465	0.003088738	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.003345888**
SO2_STREX		0.000765967	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.000728551**
TOG_DIURN	1.0028	0.129078655	0	0.000728453	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.026888015**
TOG_HTSK	1.0028	0.141247895	0	0.004888026	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.134449358**
TOG_IDLEX	1.0024	0	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0**
TOG_RESTL	1.0028	0.164213445	0	8.57726E-05	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.034203371**
TOG_RUNEX	1.0024	0.016013288	0.009029686	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.015528565**
TOG_RUNLS	1.0028	0.561573193	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.534141659**
TOG_STREX	1.0024	0.37859076	0	0	96471.08808	2743.609199	1913.4237	3281344.932	102947.8677	59342.18684	440546.2971	13045.8154	9579.008111	**0.360097488**

LDH1 CalEEMod Emission Rate Worksheet

Vehicle Class: LHDT1

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	ELEC	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	Rate
CH4_IDLEX	0.111596172	0.005098128	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.004415432**
CH4_RUNEX	0.006760019	0.007050005	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.006900459**
CH4_STREX	0.020075032	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.011362334**
CO_IDLEX	3.760725065	0.909745076	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.174258774**
CO_RUNEX	0.603002177	0.684901721	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.642666069**
CO_STREX	1.645171623	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.931156111**
CO2_NBIO_IDLEX	115.9230801	127.6429914	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**8.80799943**
CO2_NBIO_RUNEX	946.8886672	515.1618254	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**737.8036616**
CO2_NBIO_STREX	18.22383481	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**10.31456834**
NOX_IDLEX	0.034304229	1.779250619	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.062693034**
NOX_RUNEX	0.156162561	1.219502479	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.671137335**
NOX_STREX	0.465361888	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.263391709**
PM10_IDLEX	0	0.02746617	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.00094767**
PM10_PMBW	0.076440022	0.076440022	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.076440022**
PM10_PMTW	0.008000002	0.012000003	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.0099372**
PM10_RUNEX	0.002282183	0.01944323	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.010593266**
PM10_STREX	0.000381058	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.000215676**
PM25_IDLEX	0	0.026277995	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.000906675**
PM25_PMBW	0.032760009	0.032760009	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.032760009**
PM25_PMTW	0.002000001	0.003000001	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.0024843**
PM25_RUNEX	0.002098383	0.018602125	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.010091134**
PM25_STREX	0.000350369	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.000198306**
ROG_DIURN	0.041794378	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.001587765**
ROG_HTSK	0.115416207	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.065324799**
ROG_IDLEX	0.393191818	0.109759705	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.018724388**
ROG_RESTL	0.024607598	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.000934841**
ROG_RUNEX	0.030922492	0.151782448	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.089454883**
ROG_RUNLS	0.867677846	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.491099844**
ROG_STREX	0.099988844	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.056593015**
SO2_IDLEX	0.001147153	0.001206685	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**8.52147E-05**
SO2_RUNEX	0.009370231	0.004870132	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.007190836**
SO2_STREX	0.00018034	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.000102071**
TOG_DIURN	0.041794378	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.001587765**
TOG_HTSK	0.115416207	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.065324799**
TOG_IDLEX	0.573744578	0.124954127	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.02610783**
TOG_RESTL	0.024607598	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.000934841**
TOG_RUNEX	0.045122028	0.172794225	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.106953583**
TOG_RUNLS	0.867677846	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.491099844**
TOG_STREX	0.109475198	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.061962228**
CH4_IDLEX	0.111972555	0.005098128	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.004429731**
CH4_RUNEX	0.00701263	0.007050005	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.007030731**
CH4_STREX	0.018823933	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.01065422**
CO_IDLEX	3.760725065	0.909745076	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.174258774**
CO_RUNEX	0.625025119	0.684901721	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.654023315**
CO_STREX	1.513938854	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.856879243**
CO2_NBIO_IDLEX	115.9230801	127.6429914	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**8.80799943**
CO2_NBIO_RUNEX	946.9286366	515.1618254	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**737.8242738**
CO2_NBIO_STREX	17.99362729	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**10.18427243**
NOX_IDLEX	0.034304229	1.779250619	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.062693034**
NOX_RUNEX	0.139836026	1.177533816	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.642392335**
NOX_STREX	0.430852781	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.243859786**
PM10_IDLEX	0	0.02746617	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.00094767**
PM10_PMBW	0.076440022	0.076440022	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.076440022**
PM10_PMTW	0.008000002	0.012000003	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.0099372**
PM10_RUNEX	0.002282183	0.01944323	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.010593266**
PM10_STREX	0.000381058	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.000215676**
PM25_IDLEX	0	0.026277995	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.000906675**
PM25_PMBW	0.032760009	0.032760009	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.032760009**
PM25_PMTW	0.002000001	0.003000001	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.0024843**
PM25_RUNEX	0.002098383	0.018602125	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.010091134**
PM25_STREX	0.000350369	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.000198306**
ROG_DIURN	0.105314326	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.004000883**
ROG_HTSK	0.131487253	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.074420904**
ROG_IDLEX	0.393191818	0.109759705	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.018724388**
ROG_RESTL	0.055696697	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.002115913**
ROG_RUNEX	0.032096185	0.151782448	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.090060158**
ROG_RUNLS	0.84573	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.478677511**
ROG_STREX	0.093376838	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.052850665**
SO2_IDLEX	0.001147153	0.001206685	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**8.52147E-05**
SO2_RUNEX	0.009370626	0.004870132	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.00719104**
SO2_STREX	0.000178062	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.000100782**
TOG_DIURN	0.105314326	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.004000883**
TOG_HTSK	0.131487253	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.074420904**
TOG_IDLEX	0.573744578	0.124954127	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.02610783**
TOG_RESTL	0.055696697	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.002115913**
TOG_RUNEX	0.046834678	0.172794225	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.107836798**
TOG_RUNLS	0.84573	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.478677511**
TOG_STREX	0.102235885	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.057864825**

CH4_IDLEX	0.11128302	0.005098128	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.004403535**
CH4_RUNEX	0.00655557	0.007050005	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.006795024**
CH4_STREX	0.02113515	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.011962353**
CO_IDLEX	3.760725065	0.909745076	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.174258774**
CO_RUNEX	0.585872212	0.684901721	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.633832133**
CO_STREX	1.769378734	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**1.001456503**
CO2_NBIO_IDLEX	115.9230801	127.6429914	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**8.80799943**
CO2_NBIO_RUNEX	946.8574457	515.1618254	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**737.7875607**
CO2_NBIO_STREX	18.43965283	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**10.43671989**
NOX_IDLEX	0.034304229	1.779250619	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.062693034**
NOX_RUNEX	0.166626089	1.236832565	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.684926332**
NOX_STREX	0.496758202	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.281161812**
PM10_IDLEX	0	0.02746617	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.00094767**
PM10_PMBW	0.076440022	0.076440022	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.076440022**
PM10_PMTW	0.008000002	0.012000003	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.0099372**
PM10_RUNEX	0.002282183	0.01944323	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.010593266**
PM10_STREX	0.000381058	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.000215676**
PM25_IDLEX	0	0.026277995	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.000906675**
PM25_PMBW	0.032760009	0.032760009	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.032760009**
PM25_PMTW	0.002000001	0.003000001	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.0024843**
PM25_RUNEX	0.002098383	0.018602125	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.010091134**
PM25_STREX	0.000350369	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.000198306**
ROG_DIURN	0.015355625	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.000583359**
ROG_HTSK	0.125483433	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.071022782**
ROG_IDLEX	0.393191818	0.109759705	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.018724388**
ROG_RESTL	0.011124795	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.00042263**
ROG_RUNEX	0.029978868	0.151782448	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.088968256**
ROG_RUNLS	0.962247488	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.544625628**
ROG_STREX	0.105631609	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.059786782**
SO2_IDLEX	0.001147153	0.001206685	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**8.52147E-05**
SO2_RUNEX	0.009369922	0.004870132	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.007190677**
SO2_STREX	0.000182475	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.00010328**
TOG_DIURN	0.015355625	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.000583359**
TOG_HTSK	0.125483433	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.071022782**
TOG_IDLEX	0.573744578	0.124954127	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.02610783**
TOG_RESTL	0.011124795	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.00042263**
TOG_RUNEX	0.043745093	0.172794225	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.106243497**
TOG_RUNLS	0.962247488	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.544625628**
TOG_STREX	0.115653315	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.065459001**

LDH2 CalEEMod Emission Rate Worksheet

Vehicle Class: LHDT2

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	ELEC	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	Rate
CH4_IDLEX	0.110125996	0.005098128	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.002661381**
CH4_RUNEX	0.004503345	0.006654645	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.006042576**
CH4_STREX	0.018184686	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.005872249**
CO_IDLEX	3.772043476	0.909745076	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.130727369**
CO_RUNEX	0.355431285	0.6467189	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.563844286**
CO_STREX	1.534724257	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.495597425**
CO2_NBIO_IDLEX	132.0790331	203.4868088	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**13.81589662**
CO2_NBIO_RUNEX	1072.237084	574.8382367	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**716.3538213**
CO2_NBIO_STREX	20.41152683	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**6.591347005**
NOX_IDLEX	0.033216622	1.714162406	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.092988358**
NOX_RUNEX	0.129399181	0.919689501	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.694842987**
NOX_STREX	0.447152435	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.144395708**
PM10_IDLEX	0	0.027904434	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.001502015**
PM10_PMBW	0.089180026	0.089180026	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.089180026**
PM10_PMTW	0.008000002	0.012000003	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.010861958**
PM10_RUNEX	0.002087359	0.021439544	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.015933629**
PM10_STREX	0.000319638	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.000103218**
PM25_IDLEX	0	0.0266973	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.001437038**
PM25_PMBW	0.038220011	0.038220011	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.038220011**
PM25_PMTW	0.002000001	0.003000001	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.002715489**
PM25_RUNEX	0.00191925	0.020512079	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.015222209**
PM25_STREX	0.000293895	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**9.49055E-05**
ROG_DIURN	0.031171461	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.000675636**
ROG_HTSK	0.086825247	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.02803785**
ROG_IDLEX	0.381153114	0.109759705	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.014169479**
ROG_RESTL	0.01952263	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.00042315**
ROG_RUNEX	0.018513361	0.143270596	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.107775754**
ROG_RUNLS	0.52308957	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.168917539**
ROG_STREX	0.087803323	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.028353693**
SO2_IDLEX	0.001307029	0.001923682	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.000131876**
SO2_RUNEX	0.010610655	0.005434289	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.006907023**
SO2_STREX	0.000201989	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**6.52267E-05**
TOG_DIURN	0.031171461	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.000675636**
TOG_HTSK	0.086825247	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.02803785**
TOG_IDLEX	0.556177729	0.124954127	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.01878098**
TOG_RESTL	0.01952263	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.00042315**
TOG_RUNEX	0.027014652	0.163104048	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.124385079**
TOG_RUNLS	0.52308957	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.168917539**
TOG_STREX	0.096133586	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.031043725**
CH4_IDLEX	0.110494308	0.005098128	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.002669364**
CH4_RUNEX	0.004671224	0.006654645	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.00609034**
CH4_STREX	0.017058312	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.005508518**
CO_IDLEX	3.772043476	0.909745076	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.130727369**
CO_RUNEX	0.368144794	0.6467189	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.567461423**
CO_STREX	1.414093577	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.45664303**
CO2_NBIO_IDLEX	132.0790331	203.4868088	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**13.81589662**
CO2_NBIO_RUNEX	1072.260118	574.8382367	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**716.3603748**
CO2_NBIO_STREX	20.20090198	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**6.523331444**
NOX_IDLEX	0.033216622	1.714162406	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.092988358**
NOX_RUNEX	0.115010808	0.888373065	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.668342776**
NOX_STREX	0.413999312	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.133689809**
PM10_IDLEX	0	0.027904434	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.001502015**
PM10_PMBW	0.089180026	0.089180026	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.089180026**
PM10_PMTW	0.008000002	0.012000003	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.010861958**
PM10_RUNEX	0.002087359	0.021439544	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.015933629**
PM10_STREX	0.000319638	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.000103218**
PM25_IDLEX	0	0.0266973	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.001437038**
PM25_PMBW	0.038220011	0.038220011	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.038220011**
PM25_PMTW	0.002000001	0.003000001	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.002715489**
PM25_RUNEX	0.00191925	0.020512079	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.015222209**
PM25_STREX	0.000293895	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**9.49055E-05**
ROG_DIURN	0.077815464	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.001686638**
ROG_HTSK	0.098209895	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.031714213**
ROG_IDLEX	0.381153114	0.109759705	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.014169479**
ROG_RESTL	0.043942649	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.00095245**
ROG_RUNEX	0.019181718	0.143270596	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.10796591**
ROG_RUNLS	0.509678972	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.164586951**
ROG_STREX	0.08201882	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.026485745**
SO2_IDLEX	0.001307029	0.001923682	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.000131876**
SO2_RUNEX	0.010610883	0.005434289	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.006907088**
SO2_STREX	0.000199904	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**6.45537E-05**
TOG_DIURN	0.077815464	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.001686638**
TOG_HTSK	0.098209895	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.031714213**
TOG_IDLEX	0.556177729	0.124954127	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.01878098**
TOG_RESTL	0.043942649	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.00095245**
TOG_RUNEX	0.027989917	0.163104048	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.124662553**
TOG_RUNLS	0.509678972	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.164586951**
TOG_STREX	0.089800284	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.028998557**

CH4_IDLEX	0.109819428	0.005098128	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.002654736**
CH4_RUNEX	0.004366768	0.006654645	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.006003718**
CH4_STREX	0.019137569	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.006179957**
CO_IDLEX	3.772043476	0.909745076	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.130727369**
CO_RUNEX	0.345539822	0.6467189	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.561030054**
CO_STREX	1.648758439	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.53242166**
CO2_NBIO_IDLEX	132.0790331	203.4868088	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**13.81589662**
CO2_NBIO_RUNEX	1072.219065	574.8382367	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**716.3486946**
CO2_NBIO_STREX	20.60882581	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**6.655059341**
NOX_IDLEX	0.033216622	1.714162406	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.092988358**
NOX_RUNEX	0.138433061	0.932612967	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.706659823**
NOX_STREX	0.477337191	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.154143053**
PM10_IDLEX	0	0.027904434	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.001502015**
PM10_PMBW	0.089180026	0.089180026	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.089180026**
PM10_PMTW	0.008000002	0.012000003	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.010861958**
PM10_RUNEX	0.002087359	0.021439544	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.015933629**
PM10_STREX	0.000319638	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.000103218**
PM25_IDLEX	0	0.0266973	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.001437038**
PM25_PMBW	0.038220011	0.038220011	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.038220011**
PM25_PMTW	0.002000001	0.003000001	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.002715489**
PM25_RUNEX	0.00191925	0.020512079	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.015222209**
PM25_STREX	0.000293895	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**9.49055E-05**
ROG_DIURN	0.012339469	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.000267456**
ROG_HTSK	0.090898774	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.029353285**
ROG_IDLEX	0.381153114	0.109759705	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.014169479**
ROG_RESTL	0.009067981	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.000196547**
ROG_RUNEX	0.017970606	0.143270596	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.107621335**
ROG_RUNLS	0.58402694	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.188595604**
ROG_STREX	0.092732805	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.029945535**
SO2_IDLEX	0.001307029	0.001923682	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.000131876**
SO2_RUNEX	0.010610477	0.005434289	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.006906973**
SO2_STREX	0.000203941	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**6.58572E-05**
TOG_DIURN	0.012339469	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.000267456**
TOG_HTSK	0.090898774	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.029353285**
TOG_IDLEX	0.556177729	0.124954127	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.01878098**
TOG_RESTL	0.009067981	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.000196547**
TOG_RUNEX	0.026222666	0.163104048	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.12415975**
TOG_RUNLS	0.58402694	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.188595604**
TOG_STREX	0.101530749	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.032786592**

MHDT CalEEMod Emission Rate Worksheet

Vehicle Class: MHDT

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	ELEC	MHDT Gas	MHDT DSL	MHDT Elec	MHDT Gas	MHDT DSL	MHDT Elec	MHDT Gas	MHDT DSL	MHDT Elec	Rate
CH4_IDLEX	0.277998422	0.003866213	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.004091125**
CH4_RUNEX	0.006431232	0.000551682	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.001519512**
CH4_STREX	0.034954106	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.009542903**
CO_IDLEX	15.22681188	3.105778257	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.446992273**
CO_RUNEX	0.620933249	0.120474249	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.202854587**
CO_STREX	3.819581353	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**1.042792968**
CO2_NBIO_IDLEX	497.9737326	956.7578081	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**80.4884037**
CO2_NBIO_RUNEX	1582.915506	965.8248903	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**1067.403907**
CO2_NBIO_STREX	35.06537753	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**9.573281922**
NOX_IDLEX	0.089125381	5.987926838	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.4624312**
NOX_RUNEX	0.205686299	1.695039431	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**1.449877663**
NOX_STREX	0.34238001	2.160253558	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**1.663951587**
PM10_IDLEX	0	0.004029616	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.000310378**
PM10_PMBW	0.130340037	0.130340037	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.130340037**
PM10_PMTW	0.012000003	0.012000003	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.012000003**
PM10_RUNEX	0.001376966	0.008310114	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.007168851**
PM10_STREX	0.000442976	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.000120938**
PM25_IDLEX	0	0.003855296	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.000296951**
PM25_PMBW	0.055860016	0.055860016	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.055860016**
PM25_PMTW	0.003000001	0.003000001	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.003000001**
PM25_RUNEX	0.001266069	0.007950622	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.00685028**
PM25_STREX	0.0004073	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.000111198**
ROG_DIURN	0.024247557	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.000330862**
ROG_HTSK	0.062775591	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.017138513**
ROG_IDLEX	1.02221019	0.083238509	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.020359599**
ROG_RESTL	0.01485823	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.000202743**
ROG_RUNEX	0.028825182	0.011877554	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.014667296**
ROG_RUNLS	0.336068739	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.091750924**
ROG_STREX	0.176304624	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.048133344**
SO2_IDLEX	0.004927854	0.009038973	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.000763461**
SO2_RUNEX	0.015664232	0.009124635	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.010201115**
SO2_STREX	0.000347	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**9.47354E-05**
TOG_DIURN	0.024247557	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.000330862**
TOG_HTSK	0.062775591	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.017138513**
TOG_IDLEX	1.49160671	0.094760706	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.027652077**
TOG_RESTL	0.01485823	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.000202743**
TOG_RUNEX	0.042061637	0.013521691	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.018219639**
TOG_RUNLS	0.336068739	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.091750924**
TOG_STREX	0.193031372	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.052699953**
CH4_IDLEX	0.259968868	0.004043923	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.003858797**
CH4_RUNEX	0.006696341	0.000551682	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.001563151**
CH4_STREX	0.032745344	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.008939884**
CO_IDLEX	10.49945823	3.038353656	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.37729345**
CO_RUNEX	0.643732827	0.120474249	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.206607615**
CO_STREX	3.478457685	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.949661986**
CO2_NBIO_IDLEX	522.6390121	951.6197742	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**80.42921262**
CO2_NBIO_RUNEX	1582.956263	965.8248903	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**1067.410616**
CO2_NBIO_STREX	34.48395031	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**9.414545095**
NOX_IDLEX	0.092929711	5.843262426	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.451340455**
NOX_RUNEX	0.182097024	1.631664338	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**1.393051696**
NOX_STREX	0.316827852	2.160253558	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**1.656975532**
PM10_IDLEX	0	0.003445856	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.000265414**
PM10_PMBW	0.130340037	0.130340037	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.130340037**
PM10_PMTW	0.012000003	0.012000003	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.012000003**
PM10_RUNEX	0.001376966	0.008310114	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.007168851**
PM10_STREX	0.000442976	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.000120938**
PM25_IDLEX	0	0.003296789	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.000253932**
PM25_PMBW	0.055860016	0.055860016	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.055860016**
PM25_PMTW	0.003000001	0.003000001	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.003000001**
PM25_RUNEX	0.001266069	0.007950622	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.00685028**
PM25_STREX	0.0004073	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.000111198**
ROG_DIURN	0.062155388	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.00084812**
ROG_HTSK	0.071726192	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.019582138**
ROG_IDLEX	0.949488196	0.087064554	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.019661994**
ROG_RESTL	0.034959246	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.000477025**
ROG_RUNEX	0.029895942	0.011877554	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.014843553**
ROG_RUNLS	0.326847546	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.089233424**
ROG_STREX	0.164173123	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.044821294**
SO2_IDLEX	0.005171937	0.008990432	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.000763052**
SO2_RUNEX	0.015664635	0.009124635	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.010201181**
SO2_STREX	0.000341247	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**9.31646E-05**
TOG_DIURN	0.062155388	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.00084812**
TOG_HTSK	0.071726192	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.019582138**
TOG_IDLEX	1.385490947	0.099116367	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.026539602**
TOG_RESTL	0.034959246	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.000477025**
TOG_RUNEX	0.043624089	0.013521691	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.018476834**
TOG_RUNLS	0.326847546	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.089233424**
TOG_STREX	0.179748904	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.049073675**

CH4_IDLEX	0.296012251	0.003620804	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.004318024**
CH4_RUNEX	0.006220707	0.000551682	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.001484857**
CH4_STREX	0.036835637	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.010056585**
CO_IDLEX	19.95416553	3.198888419	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.518669505**
CO_RUNEX	0.603469103	0.120474249	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.199979821**
CO_STREX	4.143349268	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**1.131185615**
CO2_NBIO_IDLEX	473.308453	963.8531884	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**80.69835775**
CO2_NBIO_RUNEX	1582.884187	965.8248903	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**1067.398752**
CO2_NBIO_STREX	35.61375845	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**9.722996697**
NOX_IDLEX	0.08532105	6.187701504	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.477766767**
NOX_RUNEX	0.220494644	1.720963287	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**1.473971799**
NOX_STREX	0.365487954	2.160253558	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**1.670260342**
PM10_IDLEX	0	0.004835761	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.00037247**
PM10_PMBW	0.130340037	0.130340037	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.130340037**
PM10_PMTW	0.012000003	0.012000003	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.012000003**
PM10_RUNEX	0.001376966	0.008310114	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.007168851**
PM10_STREX	0.000442976	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.000120938**
PM25_IDLEX	0	0.004626568	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.000356358**
PM25_PMBW	0.055860016	0.055860016	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.055860016**
PM25_PMTW	0.003000001	0.003000001	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.003000001**
PM25_RUNEX	0.001266069	0.007950622	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.00685028**
PM25_STREX	0.0004073	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.000111198**
ROG_DIURN	0.009053005	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.00012353**
ROG_HTSK	0.064641993	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.017648064**
ROG_IDLEX	1.094932185	0.077954924	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.020944938**
ROG_RESTL	0.006601211	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**9.00746E-05**
ROG_RUNEX	0.027981787	0.011877554	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.014528465**
ROG_RUNLS	0.380073743	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.103764835**
ROG_STREX	0.186786776	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.050995101**
SO2_IDLEX	0.004683771	0.009106007	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.000765293**
SO2_RUNEX	0.015663922	0.009124635	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.010201064**
SO2_STREX	0.000352427	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**9.62169E-05**
TOG_DIURN	0.009053005	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.00012353**
TOG_HTSK	0.064641993	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.017648064**
TOG_IDLEX	1.597722474	0.088745747	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.028636747**
TOG_RESTL	0.006601211	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**9.00746E-05**
TOG_RUNEX	0.040830958	0.013521691	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.018017058**
TOG_RUNLS	0.380073743	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.103764835**
TOG_STREX	0.204508008	0	0	916.06962	5171.027343	0	52675.71979	267328.287	0	18328.72097	48806.4084	0	**0.055833217**

HHD CalEEMod Emission Rate Worksheet

Vehicle Class: HHDT

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
	Gas	DSL	NG	HHDT Gas	HHDT DSL	HHDT NG	HHDT Gas	HHDT DSL	HHDT NG	HHDT Gas	HHDT DSL	HHDT NG	
CH4_IDLEX	0	0.210468097	1.180834698	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.023990214**
CH4_RUNEX	0.068775202	0.00109612	3.197433889	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.044292088**
CH4_STREX	0.000377943	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**3.68371E-07**
CO_IDLEX	0	66.38462364	21.55419214	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**6.236129409**
CO_RUNEX	28.00828804	0.240832451	11.04016424	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.403914244**
CO_STREX	5.482246843	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.005343407**
CO2_NBIO_IDLEX	0	10412.40391	3825.071948	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**979.8195697**
CO2_NBIO_RUNEX	1767.851834	1299.851922	3027.247824	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**1323.464782**
CO2_NBIO_STREX	42.87734298	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.041791461**
NOX_IDLEX	0	55.53349917	19.09658669	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**5.220822814**
NOX_RUNEX	2.8607784	2.6194912	0.774634542	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**2.594733889**
NOX_STREX	0.196166942	2.404470981	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**2.366756162**
PM10_IDLEX	0	0.02438983	0.013250907	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.002311385**
PM10_PMBW	0.061740018	0.060879769	0.061740018	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.060891919**
PM10_PMTW	0.020000006	0.035498408	0.03600001	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.035495535**
PM10_RUNEX	0.001196595	0.024683492	0.003526252	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.024383232**
PM10_STREX	0.000559627	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**5.45454E-07**
PM25_IDLEX	0	0.023334737	0.012677679	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.002211396**
PM25_PMBW	0.026460008	0.02609133	0.026460008	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.026096537**
PM25_PMTW	0.005000001	0.008874602	0.009000003	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.008873884**
PM25_RUNEX	0.001100225	0.023615695	0.003373708	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.023328396**
PM25_STREX	0.000514556	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**5.01525E-07**
ROG_DIURN	0.027977776	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**1.36292E-06**
ROG_HTSK	0.064461486	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**6.2829E-05**
ROG_IDLEX	0	5.158563365	1.214882053	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.482847563**
ROG_RESTL	0.017831004	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**8.68624E-07**
ROG_RUNEX	0.451772056	0.026865842	3.306699291	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.07141139**
ROG_RUNLS	0.340826845	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.000332195**
ROG_STREX	0.002160915	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**2.10619E-06**
CH4_IDLEX	0	0.22275251	1.24160842	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.025359552**
CH4_RUNEX	0.071198025	0.00109612	3.197433889	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.044293596**
CH4_STREX	0.000350209	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**3.4134E-07**
CO_IDLEX	0	65.46994988	21.13945497	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**6.14975897**
CO_RUNEX	29.07994188	0.240832451	11.04016424	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.404581134**
CO_STREX	4.992631883	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.004866192**
CO2_NBIO_IDLEX	0	10289.5636	3792.883551	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**968.3092157**
CO2_NBIO_RUNEX	1769.606616	1299.851922	3027.247824	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**1323.465874**
CO2_NBIO_STREX	42.10080951	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.041034593**
NOX_IDLEX	0	52.99260223	18.34029218	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**4.982393104**
NOX_RUNEX	2.529641667	2.524919167	0.745752979	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**2.50090153**
NOX_STREX	0.181526809	2.404470981	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**2.366741892**
PM10_IDLEX	0	0.021433838	0.011459351	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.002030547**
PM10_PMBW	0.061740018	0.060879769	0.061740018	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.060891919**
PM10_PMTW	0.020000006	0.035498408	0.03600001	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.035495535**
PM10_RUNEX	0.001196595	0.024683492	0.003526252	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.024383232**
PM10_STREX	0.000559627	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**5.45454E-07**
PM25_IDLEX	0	0.02050662	0.010963625	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.001942706**
PM25_PMBW	0.026460008	0.02609133	0.026460008	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.026096537**
PM25_PMTW	0.005000001	0.008874602	0.009000003	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.008873884**
PM25_RUNEX	0.001100225	0.023615695	0.003373708	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.023328396**
PM25_STREX	0.000514556	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**5.01525E-07**
ROG_DIURN	0.079500639	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**3.87281E-06**
ROG_HTSK	0.07370298	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**7.18364E-05**
ROG_IDLEX	0	4.795800462	0.025783146	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.444707055**
ROG_RESTL	0.04825777	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**2.35084E-06**
ROG_RUNEX	0.322618976	0.023599155	0.083849163	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.024598672**
ROG_RUNLS	0.337651621	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.0003291**
ROG_STREX	0.001837858	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**1.79131E-06**
SO2_IDLEX	0	0.097210695	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.009012213**
SO2_RUNEX	0.017511692	0.012280356	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.012117814**
SO2_STREX	0.000416622	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**4.06071E-07**
TOG_DIURN	0.079500639	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**3.87281E-06**
TOG_HTSK	0.07370298	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**7.18364E-05**
TOG_IDLEX	0	5.459653764	1.276316514	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.510994045**
TOG_RESTL	0.04825777	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**2.35084E-06**
TOG_RUNEX	0.470764853	0.026865842	3.306699291	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.071423209**
TOG_RUNLS	0.337651621	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.0003291**
TOG_STREX	0.002012223	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**1.96126E-06**

CH4_IDLEX	0	0.193503908	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.017939369**
CH4_RUNEX	0.066937687	0.00109612	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.001122294**
CH4_STREX	0.000401961	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**3.91781E-07**
CO_IDLEX	0	67.64774455	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**6.271490024**
CO_RUNEX	27.20289819	0.240832451	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.254359463**
CO_STREX	5.946951084	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.005796343**
CO2_NBIO_IDLEX	0	10582.04052	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**981.04027**
CO2_NBIO_RUNEX	1766.533047	1299.851922	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**1282.592998**
CO2_NBIO_STREX	43.61432905	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.042509782**
NOX_IDLEX	0	59.04235686	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**5.47370137**
NOX_RUNEX	3.068661523	2.65998809	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**2.624329829**
NOX_STREX	0.20940666	2.404470981	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**2.366769066**
PM10_IDLEX	0	0.028471913	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.002639575**
PM10_PMBW	0.061740018	0.060879769	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.060058365**
PM10_PMTW	0.020000006	0.035498408	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.035009498**
PM10_RUNEX	0.001196595	0.024683492	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.024335624**
PM10_STREX	0.000559627	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**5.45454E-07**
PM25_IDLEX	0	0.027240231	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.002525389**
PM25_PMBW	0.026460008	0.02609133	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.025739299**
PM25_PMTW	0.005000001	0.008874602	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.008752374**
PM25_RUNEX	0.001100225	0.023615695	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.023282848**
PM25_STREX	0.000514556	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**5.01525E-07**
ROG_DIURN	0.009116031	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**4.44081E-07**
ROG_HTSK	0.070544522	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**6.8758E-05**
ROG_IDLEX	0	4.16608607	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.386229687**
ROG_RESTL	0.006556683	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**3.19404E-07**
ROG_RUNEX	0.299821289	0.023599155	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.023452435**
ROG_RUNLS	0.373039389	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.000363592**
ROG_STREX	0.002091009	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**2.03805E-06**
SO2_IDLEX	0	0.099973872	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.009268382**
SO2_RUNEX	0.017481277	0.012280356	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.012117796**
SO2_STREX	0.000431599	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**4.20669E-07**
TOG_DIURN	0.009116031	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**4.44081E-07**
TOG_HTSK	0.070544522	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**6.8758E-05**
TOG_IDLEX	0	4.742771863	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.439693099**
TOG_RESTL	0.006556683	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**3.19404E-07**
TOG_RUNEX	0.437498521	0.026865842	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.026758662**
TOG_RUNLS	0.373039389	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**0.000363592**
TOG_STREX	0.002289392	0	0	2.959603867	5632.4195	230.4013375	433.2361094	686352.629	9399.21552	59.21575417	59796.59703	898.5652162	**2.23141E-06**

OBUS CalEEMod Emission Rate Worksheet

Vehicle Class: OBUS

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	OBUS Gas	OBUS DSL	OBUS NG	OBUS Gas	OBUS DSL	OBUS NG	OBUS Gas	OBUS DSL	OBUS NG	Rate
CH4_IDLEX	0.199118492	0.040806286	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.008730239**
CH4_RUNEX	0.010867106	0.000605059	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.00608782**
CH4_STREX	0.02977926	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.023448102**
CO_IDLEX	5.782923792	14.05547395	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.535551659**
CO_RUNEX	1.097040935	0.143739976	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.653065344**
CO_STREX	3.284562111	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**2.586254531**
CO2_NBIO_IDLEX	361.0847974	2539.102749	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**69.84451373**
CO2_NBIO_RUNEX	1629.816953	1113.676059	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**1389.437505**
CO2_NBIO_STREX	25.46839452	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**20.05373883**
NOX_IDLEX	0.065153201	12.17668718	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.269367737**
NOX_RUNEX	0.37568882	1.849106135	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**1.061895329**
NOX_STREX	0.334678829	2.216391705	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.734736529**
PM10_IDLEX	0	0.00413608	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**9.06258E-05**
PM10_PMBW	0.130340037	0.130340037	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.130340037**
PM10_PMTW	0.012000003	0.012000003	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.012000003**
PM10_RUNEX	0.001223905	0.011774966	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.006137792**
PM10_STREX	0.000270101	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.000212677**
PM25_IDLEX	0	0.003957155	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**8.67053E-05**
PM25_PMBW	0.055860016	0.055860016	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.055860016**
PM25_PMTW	0.003000001	0.003000001	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.003000001**
PM25_RUNEX	0.001125335	0.011265587	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.005847898**
PM25_STREX	0.000248348	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.000195548**
ROG_DIURN	0.04115587	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.001619653**
ROG_HTSK	0.033959994	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.02674**
ROG_IDLEX	0.747648455	0.878548156	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.04867293**
ROG_RESTL	0.020230794	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.000796165**
ROG_RUNEX	0.051208036	0.013026765	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.033426083**
ROG_RUNLS	0.37325231	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.293897769**
ROG_STREX	0.155098304	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.122123947**
SO2_IDLEX	0.003573227	0.023988184	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.000666227**
SO2_RUNEX	0.01612836	0.010521459	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.013517089**
SO2_STREX	0.00025203	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.000198448**
TOG_DIURN	0.04115587	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.001619653**
TOG_HTSK	0.033959994	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.02674**
TOG_IDLEX	1.09096687	1.0001602	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.064848566**
TOG_RESTL	0.020230794	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.000796165**
TOG_RUNEX	0.074722645	0.01482998	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.046829165**
TOG_RUNLS	0.37325231	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.293897769**
TOG_STREX	0.16981312	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.13371035**
CH4_IDLEX	0.199962038	0.043253476	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.008817056**
CH4_RUNEX	0.011299243	0.000605059	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.0063187**
CH4_STREX	0.027692877	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.02180529**
CO_IDLEX	5.782923792	13.87258438	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.531544361**
CO_RUNEX	1.138703889	0.143739976	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.675324841**
CO_STREX	2.953946338	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**2.325928646**
CO2_NBIO_IDLEX	361.0847974	2504.920584	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**69.09554748**
CO2_NBIO_RUNEX	1629.891718	1113.676059	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**1389.47745**
CO2_NBIO_STREX	24.9061442	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**19.61102458**
NOX_IDLEX	0.065153201	11.56695313	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.256007839**
NOX_RUNEX	0.332480351	1.780951663	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**1.007068896**
NOX_STREX	0.309465761	2.216391705	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.714883834**
PM10_IDLEX	0	0.003675186	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**8.05271E-05**
PM10_PMBW	0.130340037	0.130340037	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.130340037**
PM10_PMTW	0.012000003	0.012000003	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.012000003**
PM10_RUNEX	0.001223905	0.011774966	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.006137792**
PM10_STREX	0.000270101	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.000212677**
PM25_IDLEX	0	0.003516199	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**7.70435E-05**
PM25_PMBW	0.055860016	0.055860016	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.055860016**
PM25_PMTW	0.003000001	0.003000001	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.003000001**
PM25_RUNEX	0.001125335	0.011265587	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.005847898**
PM25_STREX	0.000248348	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.000195548**
ROG_DIURN	0.100116051	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.003939978**
ROG_HTSK	0.036164417	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.028475755**
ROG_IDLEX	0.747648455	0.931235479	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.049827364**
ROG_RESTL	0.045641607	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.001796185**
ROG_RUNEX	0.053231573	0.013026765	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.03450721**
ROG_RUNLS	0.365319534	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.287651525**
ROG_STREX	0.143717897	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.113163049**
SO2_IDLEX	0.003573227	0.023665248	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.000659151**
SO2_RUNEX	0.0161291	0.010521459	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.013517484**
SO2_STREX	0.000246466	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.000194067**
TOG_DIURN	0.100116051	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.003939978**
TOG_HTSK	0.036164417	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.028475755**
TOG_IDLEX	1.09096687	1.060140706	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.0661628**
TOG_RESTL	0.045641607	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.001796185**
TOG_RUNEX	0.077675386	0.01482998	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.048406742**
TOG_RUNLS	0.365319534	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.287651525**
TOG_STREX	0.157353008	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.123899295**

CH4_IDLEX	0.198504124	0.037426834	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.008632014**
CH4_RUNEX	0.0105307	0.000605059	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.005908087**
CH4_STREX	0.031366059	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.024697542**
CO_IDLEX	5.782923792	14.30803574	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.541085547**
CO_RUNEX	1.065236943	0.143739976	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.63607325**
CO_STREX	3.55370004	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**2.798172944**
CO2_NBIO_IDLEX	361.0847974	2586.306691	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**70.87880046**
CO2_NBIO_RUNEX	1629.759737	1113.676059	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**1389.406936**
CO2_NBIO_STREX	25.92416174	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**20.41260859**
NOX_IDLEX	0.065153201	13.01870088	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.28781712**
NOX_RUNEX	0.402848528	1.877312934	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**1.089542692**
NOX_STREX	0.357439303	2.216391705	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.752658059**
PM10_IDLEX	0	0.004772553	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.000104572**
PM10_PMBW	0.130340037	0.130340037	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.130340037**
PM10_PMTW	0.012000003	0.012000003	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.012000003**
PM10_RUNEX	0.001223905	0.011774966	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.006137792**
PM10_STREX	0.000270101	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.000212677**
PM25_IDLEX	0	0.004566095	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.000100048**
PM25_PMBW	0.055860016	0.055860016	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.055860016**
PM25_PMTW	0.003000001	0.003000001	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.003000001**
PM25_RUNEX	0.001125335	0.011265587	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.005847898**
PM25_STREX	0.000248348	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.000195548**
ROG_DIURN	0.01815631	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.000714525**
ROG_HTSK	0.034502046	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.027166809**
ROG_IDLEX	0.747648455	0.805789473	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.047078713**
ROG_RESTL	0.009759126	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.000384062**
ROG_RUNEX	0.04963018	0.013026765	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.032583074**
ROG_RUNLS	0.40693285	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.320417728**
ROG_STREX	0.163786659	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.128965133**
SO2_IDLEX	0.003573227	0.024434143	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.000675998**
SO2_RUNEX	0.016127794	0.010521459	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.013516787**
SO2_STREX	0.000256541	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.000201999**
TOG_DIURN	0.01815631	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.000714525**
TOG_HTSK	0.034502046	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.027166809**
TOG_IDLEX	1.09096687	0.917329977	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.063033671**
TOG_RESTL	0.009759126	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.000384062**
TOG_RUNEX	0.072420242	0.01482998	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.045599048**
TOG_RUNLS	0.40693285	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.320417728**
TOG_STREX	0.179325776	0	0	288.0182369	160.3587139	0	13351.22651	11638.17678	0	5762.668883	1555.96261	0	**0.141200588**

UBUS CalEEMod Emission Rate Worksheet

Vehicle Class: UBUS

Pollutant	Emission Rates				Population				VMT				Trips				CalEEMod Emission
	Gas	DSL	ELEC	NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	Rate
CH4_IDLEX	0	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0**
CH4_RUNEX	0.001949	0.072209421	5.926646218	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.052501067**
CH4_STREX	0.013951	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.001333933**
CO_IDLEX	0	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0**
CO_RUNEX	0.132126	0.1217429	45.6329754	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.100687615**
CO_STREX	2.163407	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.206859668**
CO2_NBIO_IDLEX	0	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0**
CO2_NBIO_RUNEX	1042.146	1535.676448	1915.17998	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**1211.082198**
CO2_NBIO_STREX	28.01513	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**2.678737068**
NOX_IDLEX	0	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0**
NOX_RUNEX	0.030927	0.762240579	0.460411901	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.555177987**
NOX_STREX	0.218378	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.020880809**
PM10_IDLEX	0	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0**
PM10_PMBW	0.08918	0.076593628	0.077190629	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.063918829**
PM10_PMTW	0.008	0.03080343	0.030594567	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.02307342**
PM10_RUNEX	0.002243	0.005644979	0.003146556	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.004301772**
PM10_STREX	0.000485	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**4.63892E-05**
PM25_IDLEX	0	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0**
PM25_PMBW	0.03822	0.03282584	0.033081698	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.027393784**
PM25_PMTW	0.002	0.007700858	0.007648642	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.005768355**
PM25_RUNEX	0.002062	0.00540078	0.003010438	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.004107781**
PM25_STREX	0.000446	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**4.26531E-05**
ROG_DIURN	0.007393	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.000445952**
ROG_HTSK	0.017695	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.001691957**
ROG_IDLEX	0	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0**
ROG_RESTL	0.004452	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.000106422**
ROG_RUNEX	0.005083	0.00103173	0.08468008	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.001227707**
ROG_RUNLS	0.055503	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.005307013**
ROG_STREX	0.046797	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.004474625**
SO2_IDLEX	0	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0**
SO2_RUNEX	0.010313	0.014517665	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.011492622**
SO2_STREX	0.000277	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**2.65083E-05**
TOG_DIURN	0.007393	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.000445952**
TOG_HTSK	0.017695	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.001691957**
TOG_IDLEX	0	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0**
TOG_RESTL	0.004452	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.000106422**
TOG_RUNEX	0.007417	0.073695011	6.04857717	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.054093983**
TOG_RUNLS	0.055503	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.005307013**
TOG_STREX	0.051237	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.004899151**
CH4_IDLEX	0	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0**
CH4_RUNEX	0.002018	0.072209421	5.926646218	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.052507632**
CH4_STREX	0.012296	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.001175717**
CO_IDLEX	0	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0**
CO_RUNEX	0.136899	0.1217429	45.6329754	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.101138608**
CO_STREX	1.781382	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.170331323**
CO2_NBIO_IDLEX	0	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0**
CO2_NBIO_RUNEX	1042.155	1535.676448	1915.17998	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**1211.082987**
CO2_NBIO_STREX	27.39096	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**2.619056071**
NOX_IDLEX	0	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0**
NOX_RUNEX	0.027452	0.762240579	0.460411901	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.554849679**
NOX_STREX	0.201354	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.019252973**
PM10_IDLEX	0	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0**
PM10_PMBW	0.08918	0.076593628	0.077190629	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.063918829**
PM10_PMTW	0.008	0.03080343	0.030594567	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.02307342**
PM10_RUNEX	0.002243	0.005644979	0.003146556	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.004301772**
PM10_STREX	0.000485	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**4.63892E-05**
PM25_IDLEX	0	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0**
PM25_PMBW	0.03822	0.03282584	0.033081698	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.027393784**
PM25_PMTW	0.002	0.007700858	0.007648642	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.005768355**
PM25_RUNEX	0.002062	0.00540078	0.003010438	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.004107781**
PM25_STREX	0.000446	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**4.26531E-05**
ROG_DIURN	0.020029	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.001208186**
ROG_HTSK	0.022066	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.002109855**
ROG_IDLEX	0	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0**
ROG_RESTL	0.011676	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.000279098**
ROG_RUNEX	0.005265	0.00103173	0.08468008	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.001244889**
ROG_RUNLS	0.052574	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.005026962**
ROG_STREX	0.041249	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.003944095**
SO2_IDLEX	0	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0**
SO2_RUNEX	0.010313	0.014517665	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.01149263**
SO2_STREX	0.000271	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**2.59177E-05**
TOG_DIURN	0.020029	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.001208186**
TOG_HTSK	0.022066	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.002109855**
TOG_IDLEX	0	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0**
TOG_RESTL	0.011676	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.000279098**
TOG_RUNEX	0.007682	0.073695011	6.04857717	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.054119056**
TOG_RUNLS	0.052574	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.005026962**
TOG_STREX	0.045162	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.004318288**

CH4_IDLEX	0	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0**
CH4_RUNEX	0.001894	0.072209421	5.926646218	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.052495887**
CH4_STREX	0.015186	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.00145201**
CO_IDLEX	0	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0**
CO_RUNEX	0.128539	0.1217429	45.6329754	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.100348781**
CO_STREX	2.482217	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.237343419**
CO2_NBIO_IDLEX	0	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0**
CO2_NBIO_RUNEX	1042.14	1535.676448	1915.17998	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**1211.081602**
CO2_NBIO_STREX	28.53433	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**2.728381972**
NOX_IDLEX	0	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0**
NOX_RUNEX	0.033043	0.762240579	0.460411901	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.555377938**
NOX_STREX	0.232798	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.022259572**
PM10_IDLEX	0	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0**
PM10_PMBW	0.08918	0.076593628	0.077190629	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.063918829**
PM10_PMTW	0.008	0.03080343	0.030594567	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.02307342**
PM10_RUNEX	0.002243	0.005644979	0.003146556	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.004301772**
PM10_STREX	0.000485	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**4.63892E-05**
PM25_IDLEX	0	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0**
PM25_PMBW	0.03822	0.03282584	0.033081698	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.027393784**
PM25_PMTW	0.002	0.007700858	0.007648642	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.005768355**
PM25_RUNEX	0.002062	0.00540078	0.003010438	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.004107781**
PM25_STREX	0.000446	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**4.26531E-05**
ROG_DIURN	0.002451	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.000147845**
ROG_HTSK	0.018438	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.001762984**
ROG_IDLEX	0	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0**
ROG_RESTL	0.00176	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**4.20694E-05**
ROG_RUNEX	0.004938	0.00103173	0.08468008	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.00121407**
ROG_RUNLS	0.064045	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.006123846**
ROG_STREX	0.050928	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.004869615**
SO2_IDLEX	0	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0**
SO2_RUNEX	0.010313	0.014517665	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.011492616**
SO2_STREX	0.000282	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**2.69996E-05**
TOG_DIURN	0.002451	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.000147845**
TOG_HTSK	0.018438	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.001762984**
TOG_IDLEX	0	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0**
TOG_RESTL	0.00176	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**4.20694E-05**
TOG_RUNEX	0.007206	0.073695011	6.04857717	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.054074084**
TOG_RUNLS	0.064045	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.006123846**
TOG_STREX	0.05576	0	0	0	25.31559	187.8032308	0	51.64005083	2472.054	18957.48588	0	4736.15429	101.2624	751.2129233	0	206.560203	**0.005331615**

MCY CalEEMod Emission Rate Worksheet

Vehicle Class: MCY

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	MCY Gas	MCY DSL	MCY NG	MCY Gas	MCY DSL	MCY NG	MCY Gas	MCY DSL	MCY NG	Rate
CH4_IDLEX	0	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0**
CH4_RUNEX	0.331622866	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.331622866**
CH4_STREX	0.254728648	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.254728648**
CO_IDLEX	0	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0**
CO_RUNEX	19.16385936	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**19.16385936**
CO_STREX	9.154606613	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**9.154606613**
CO2_NBIO_IDLEX	0	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0**
CO2_NBIO_RUNEX	213.0377866	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**213.0377866**
CO2_NBIO_STREX	60.81232788	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**60.81232788**
NOX_IDLEX	0	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0**
NOX_RUNEX	1.156590873	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**1.156590873**
NOX_STREX	0.27208658	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.27208658**
PM10_IDLEX	0	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0**
PM10_PMBW	0.011760003	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.011760003**
PM10_PMTW	0.004000001	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.004000001**
PM10_RUNEX	0.002113959	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.002113959**
PM10_STREX	0.002938176	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.002938176**
PM25_IDLEX	0	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0**
PM25_PMBW	0.005040001	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.005040001**
PM25_PMTW	0.001	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.001**
PM25_RUNEX	0.001973967	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.001973967**
PM25_STREX	0.002757764	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.002757764**
ROG_DIURN	1.764286327	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.882143163**
ROG_HTSK	0.709188836	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.709188836**
ROG_IDLEX	0	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0**
ROG_RESTL	1.090084436	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.545042218**
ROG_RUNEX	2.234026888	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**2.234026888**
ROG_RUNLS	1.803254303	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**1.803254303**
ROG_STREX	1.94247674	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**1.94247674**
SO2_IDLEX	0	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0**
SO2_RUNEX	0.002108182	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.002108182**
SO2_STREX	0.000601787	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.000601787**
TOG_DIURN	1.764286327	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.882143163**
TOG_HTSK	0.709188836	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.709188836**
TOG_IDLEX	0	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0**
TOG_RESTL	1.090084436	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.545042218**
TOG_RUNEX	2.778847066	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**2.778847066**
TOG_RUNLS	1.803254303	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**1.803254303**
TOG_STREX	2.114438331	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**2.114438331**
CH4_IDLEX	0	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0**
CH4_RUNEX	0.322897683	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.322897683**
CH4_STREX	0.210479601	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.210479601**
CO_IDLEX	0	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0**
CO_RUNEX	18.49377242	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**18.49377242**
CO_STREX	7.835203879	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**7.835203879**
CO2_NBIO_IDLEX	0	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0**
CO2_NBIO_RUNEX	211.6910263	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**211.6910263**
CO2_NBIO_STREX	57.53747467	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**57.53747467**
NOX_IDLEX	0	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0**
NOX_RUNEX	1.012602041	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**1.012602041**
NOX_STREX	0.24766859	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.24766859**
PM10_IDLEX	0	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0**
PM10_PMBW	0.011760003	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.011760003**
PM10_PMTW	0.004000001	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.004000001**
PM10_RUNEX	0.002113959	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.002113959**
PM10_STREX	0.002938176	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.002938176**
PM25_IDLEX	0	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0**
PM25_PMBW	0.005040001	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.005040001**
PM25_PMTW	0.001	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.001**
PM25_RUNEX	0.001973967	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.001973967**
PM25_STREX	0.002757764	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.002757764**
ROG_DIURN	5.181861842	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**2.590930921**
ROG_HTSK	1.04503035	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**1.04503035**
ROG_IDLEX	0	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0**
ROG_RESTL	3.321326914	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**1.660663457**
ROG_RUNEX	2.155189982	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**2.155189982**
ROG_RUNLS	1.702839855	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**1.702839855**
ROG_STREX	1.586516741	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**1.586516741**
SO2_IDLEX	0	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0**
SO2_RUNEX	0.002094854	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.002094854**
SO2_STREX	0.00056938	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.00056938**
TOG_DIURN	5.181861842	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**2.590930921**
TOG_HTSK	1.04503035	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**1.04503035**
TOG_IDLEX	0	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0**
TOG_RESTL	3.321326914	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**1.660663457**
TOG_RUNEX	2.68310416	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**2.68310416**
TOG_RUNLS	1.702839855	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**1.702839855**
TOG_STREX	1.727061837	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**1.727061837**

CH4_IDLEX	0	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0**
CH4_RUNEX	0.342934751	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.342934751**
CH4_STREX	0.296964715	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.296964715**
CO_IDLEX	0	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0**
CO_RUNEX	20.83871177	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**20.83871177**
CO_STREX	10.6421144	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**10.6421144**
CO2_NBIO_IDLEX	0	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0**
CO2_NBIO_RUNEX	216.0495967	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**216.0495967**
CO2_NBIO_STREX	64.32882386	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**64.32882386**
NOX_IDLEX	0	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0**
NOX_RUNEX	1.246092492	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**1.246092492**
NOX_STREX	0.292726816	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.292726816**
PM10_IDLEX	0	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0**
PM10_PMBW	0.011760003	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.011760003**
PM10_PMTW	0.004000001	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.004000001**
PM10_RUNEX	0.002113959	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.002113959**
PM10_STREX	0.002938176	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.002938176**
PM25_IDLEX	0	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0**
PM25_PMBW	0.005040001	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.005040001**
PM25_PMTW	0.001	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.001**
PM25_RUNEX	0.001973967	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.001973967**
PM25_STREX	0.002757764	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.002757764**
ROG_DIURN	0.345487945	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.172743973**
ROG_HTSK	0.800460991	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.800460991**
ROG_IDLEX	0	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0**
ROG_RESTL	0.344255677	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.172127839**
ROG_RUNEX	2.332445682	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**2.332445682**
ROG_RUNLS	2.158445775	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**2.158445775**
ROG_STREX	2.291017805	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**2.291017805**
SO2_IDLEX	0	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0**
SO2_RUNEX	0.002137986	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.002137986**
SO2_STREX	0.000636586	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.000636586**
TOG_DIURN	0.345487945	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.172743973**
TOG_HTSK	0.800460991	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.800460991**
TOG_IDLEX	0	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0**
TOG_RESTL	0.344255677	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**0.172127839**
TOG_RUNEX	2.898971815	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**2.898971815**
TOG_RUNLS	2.158445775	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**2.158445775**
TOG_STREX	2.493709784	0	0	20956.81153	0	0	152152.9839	0	0	41913.62306	0	0	**2.493709784**

SBUS CalEEMod Emission Rate Worksheet

Vehicle Class: SBUS

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	SBUS Gas	SBUS DSL	SBUS NG	SBUS Gas	SBUS DSL	SBUS NG	SBUS Gas	SBUS DSL	SBUS NG	Rate
CH4_IDLEX	2.489903921	0.012530205	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.017279523**
CH4_RUNEX	0.005798698	0.001712212	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.002137868**
CH4_STREX	0.052676033	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.001372761**
CO_IDLEX	82.24087757	9.669031048	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**1.351853924**
CO_RUNEX	0.562728903	0.146662256	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.190000487**
CO_STREX	7.545003283	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.196626131**
CO2_NBIO_IDLEX	2335.041342	3203.69633	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**285.5981546**
CO2_NBIO_RUNEX	775.3726129	958.1641722	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**939.1242832**
CO2_NBIO_STREX	43.33586966	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**1.12935198**
NOX_IDLEX	0.9265304	23.24898692	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**1.968201098**
NOX_RUNEX	0.217074376	2.500127079	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**2.262320309**
NOX_STREX	0.46008094	1.730908341	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**1.697790015**
PM10_IDLEX	0	0.013366906	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.001128138**
PM10_PMBW	0.744800204	0.744800213	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.744800212**
PM10_PMTW	0.008000002	0.012000003	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.011583356**
PM10_RUNEX	0.001512018	0.015263443	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.01383107**
PM10_STREX	0.000686023	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**1.78781E-05**
PM25_IDLEX	0	0.01278866	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.001079335**
PM25_PMBW	0.319200087	0.319200091	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.319200091**
PM25_PMTW	0.002000001	0.003000001	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.002895839**
PM25_RUNEX	0.001390245	0.014603153	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.013226873**
PM25_STREX	0.000630773	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**1.64382E-05**
ROG_DIURN	0.015887993	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.000103512**
ROG_HTSK	0.037491858	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.000977054**
ROG_IDLEX	10.64151815	0.269771877	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.092098838**
ROG_RESTL	0.007729314	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**5.03573E-05**
ROG_RUNEX	0.027204561	0.036863456	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.035857369**
ROG_RUNLS	0.252538701	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.006581271**
ROG_STREX	0.292365659	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.007619179**
SO2_IDLEX	0.023107127	0.030266934	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.00270501**
SO2_RUNEX	0.007672941	0.00905226	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.008908588**
SO2_STREX	0.000428844	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**1.11759E-05**
TOG_DIURN	0.015887993	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.000103512**
TOG_HTSK	0.037491858	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.000977054**
TOG_IDLEX	15.5280783	0.307114747	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.127086978**
TOG_RESTL	0.007729314	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**5.03573E-05**
TOG_RUNEX	0.039696832	0.041966239	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.041729853**
TOG_RUNLS	0.252538701	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.006581271**
TOG_STREX	0.320103596	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.008342042**
CH4_IDLEX	2.493634329	0.013026902	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.017345747**
CH4_RUNEX	0.006020776	0.001712212	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.002161**
CH4_STREX	0.042722522	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.001113368**
CO_IDLEX	82.24087757	9.408165738	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**1.329837451**
CO_RUNEX	0.5840477	0.146662256	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.19222109**
CO_STREX	5.203676993	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.13561013**
CO2_NBIO_IDLEX	2335.041342	3212.154904	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**286.3120401**
CO2_NBIO_RUNEX	775.4109157	958.1641722	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**939.1282729**
CO2_NBIO_STREX	39.43819093	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**1.027776744**
NOX_IDLEX	0.9265304	22.98591959	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**1.945998779**
NOX_RUNEX	0.191836339	2.403715375	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**2.17332218**
NOX_STREX	0.420244215	1.730908341	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**1.696751853**
PM10_IDLEX	0	0.011424277	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.000964184**
PM10_PMBW	0.744800204	0.744800213	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.744800212**
PM10_PMTW	0.008000002	0.012000003	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.011583356**
PM10_RUNEX	0.001512018	0.015263443	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.01383107**
PM10_STREX	0.000686023	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**1.78781E-05**
PM25_IDLEX	0	0.010930068	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.000922474**
PM25_PMBW	0.319200087	0.319200091	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.319200091**
PM25_PMTW	0.002000001	0.003000001	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.002895839**
PM25_RUNEX	0.001390245	0.014603153	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.013226873**
PM25_STREX	0.000630773	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**1.64382E-05**
ROG_DIURN	0.039922563	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.0002601**
ROG_HTSK	0.039876689	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.001039204**
ROG_IDLEX	10.64151815	0.280465618	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.093001367**
ROG_RESTL	0.018609389	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.000121242**
ROG_RUNEX	0.028250607	0.036863456	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.035966327**
ROG_RUNLS	0.214497488	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.0055899**
ROG_STREX	0.236803802	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.006171212**
SO2_IDLEX	0.023107127	0.030346847	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.002711754**
SO2_RUNEX	0.00767332	0.00905226	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.008908627**
SO2_STREX	0.000390273	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**1.01707E-05**
TOG_DIURN	0.039922563	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.0002601**
TOG_HTSK	0.039876689	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.001039204**
TOG_IDLEX	15.5280783	0.319288756	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.128114438**
TOG_RESTL	0.018609389	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.000121242**
TOG_RUNEX	0.04122322	0.041966239	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.041888845**
TOG_RUNLS	0.214497488	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.0055899**
TOG_STREX	0.259270356	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.0067567**

CH4_IDLEX	2.487287091	0.011844291	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.017204584**
CH4_RUNEX	0.005629168	0.001712212	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.002120209**
CH4_STREX	0.059827249	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.001559125**
CO_IDLEX	82.24087757	10.02927362	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**1.382257625**
CO_RUNEX	0.546781737	0.146662256	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.188339402**
CO_STREX	9.426502017	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.245658823**
CO2_NBIO_IDLEX	2335.041342	3192.015443	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**284.6123128**
CO2_NBIO_RUNEX	775.3438813	958.1641722	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**939.1212905**
CO2_NBIO_STREX	46.4524505	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**1.210571459**
NOX_IDLEX	0.9265304	23.61227037	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**1.998861442**
NOX_RUNEX	0.232858456	2.54011242	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**2.299784805**
NOX_STREX	0.490645065	1.730908341	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**1.69858653**
PM10_IDLEX	0	0.016049585	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.001354551**
PM10_PMBW	0.744800204	0.744800213	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.744800212**
PM10_PMTW	0.008000002	0.012000003	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.011583356**
PM10_RUNEX	0.001512018	0.015263443	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.01383107**
PM10_STREX	0.000686023	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**1.78781E-05**
PM25_IDLEX	0	0.015355287	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.001295953**
PM25_PMBW	0.319200087	0.319200091	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.319200091**
PM25_PMTW	0.002000001	0.003000001	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.002895839**
PM25_RUNEX	0.001390245	0.014603153	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.013226873**
PM25_STREX	0.000630773	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**1.64382E-05**
ROG_DIURN	0.006619392	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**4.31261E-05**
ROG_HTSK	0.038097669	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.000992842**
ROG_IDLEX	10.64151815	0.255004331	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.090852489**
ROG_RESTL	0.003552252	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**2.31433E-05**
ROG_RUNEX	0.026403569	0.036863456	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.035773936**
ROG_RUNLS	0.327079768	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.008523844**
ROG_STREX	0.332365152	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.008661583**
SO2_IDLEX	0.023107127	0.030156579	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.002695696**
SO2_RUNEX	0.007672656	0.00905226	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.008908558**
SO2_STREX	0.000459685	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**1.19796E-05**
TOG_DIURN	0.006619392	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**4.31261E-05**
TOG_HTSK	0.038097669	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.000992842**
TOG_IDLEX	15.5280783	0.29030302	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.125668104**
TOG_RESTL	0.003552252	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**2.31433E-05**
TOG_RUNEX	0.038528026	0.041966239	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.041608108**
TOG_RUNLS	0.327079768	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.008523844**
TOG_STREX	0.363898005	0	0	91.75638737	1188.627874	0	4524.122263	38909.50074	0	367.0255495	13716.60086	0	**0.009483343**

MH CalEEMod Emission Rate Worksheet

Vehicle Class: MH

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	MH Gas	MH DSL	MH NG	MH Gas	MH DSL	MH NG	MH Gas	MH DSL	MH NG	**Rate**
CH4_IDLEX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
CH4_RUNEX	0.004953271	0.004953271	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0.004953271**
CH4_STREX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
CO_IDLEX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
CO_RUNEX	0.372362684	0.372362684	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0.372362684**
CO_STREX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
CO2_NBIO_IDLEX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
CO2_NBIO_RUNEX	971.9622733	971.9622733	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**971.9622733**
CO2_NBIO_STREX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
NOX_IDLEX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
NOX_RUNEX	3.927682823	3.927682823	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**3.927682823**
NOX_STREX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
PM10_IDLEX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0.016000005**
PM10_RUNEX	0.085114785	0.085114785	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0.085114785**
PM10_STREX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
PM25_IDLEX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0.004000001**
PM25_RUNEX	0.081432757	0.081432757	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0.081432757**
PM25_STREX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
ROG_DIURN	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
ROG_HTSK	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
ROG_IDLEX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
ROG_RESTL	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
ROG_RUNEX	0.106641017	0.106641017	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0.106641017**
ROG_RUNLS	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
ROG_STREX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
SO2_IDLEX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
SO2_RUNEX	0.009188539	0.009188539	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0.009188539**
SO2_STREX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
TOG_DIURN	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
TOG_HTSK	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
TOG_IDLEX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
TOG_RESTL	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
TOG_RUNEX	0.121403708	0.121403708	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0.121403708**
TOG_RUNLS	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
TOG_STREX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
CH4_IDLEX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
CH4_RUNEX	0.004953271	0.004953271	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0.004953271**
CH4_STREX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
CO_IDLEX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
CO_RUNEX	0.372362684	0.372362684	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0.372362684**
CO_STREX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
CO2_NBIO_IDLEX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
CO2_NBIO_RUNEX	971.9622733	971.9622733	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**971.9622733**
CO2_NBIO_STREX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
NOX_IDLEX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
NOX_RUNEX	3.780781722	3.780781722	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**3.780781722**
NOX_STREX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
PM10_IDLEX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0.016000005**
PM10_RUNEX	0.085114785	0.085114785	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0.085114785**
PM10_STREX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
PM25_IDLEX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0.004000001**
PM25_RUNEX	0.081432757	0.081432757	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0.081432757**
PM25_STREX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
ROG_DIURN	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
ROG_HTSK	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
ROG_IDLEX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
ROG_RESTL	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
ROG_RUNEX	0.106641017	0.106641017	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0.106641017**
ROG_RUNLS	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
ROG_STREX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
SO2_IDLEX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
SO2_RUNEX	0.009188539	0.009188539	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0.009188539**
SO2_STREX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
TOG_DIURN	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
TOG_HTSK	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
TOG_IDLEX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
TOG_RESTL	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
TOG_RUNEX	0.121403708	0.121403708	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0.121403708**
TOG_RUNLS	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
TOG_STREX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**

CH4_IDLEX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
CH4_RUNEX	0.004953271	0.004953271	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0.004953271**
CH4_STREX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
CO_IDLEX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
CO_RUNEX	0.372362684	0.372362684	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0.372362684**
CO_STREX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
CO2_NBIO_IDLEX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
CO2_NBIO_RUNEX	971.9622733	971.9622733	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**971.9622733**
CO2_NBIO_STREX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
NOX_IDLEX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
NOX_RUNEX	3.987794786	3.987794786	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**3.987794786**
NOX_STREX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
PM10_IDLEX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0.016000005**
PM10_RUNEX	0.085114785	0.085114785	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0.085114785**
PM10_STREX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
PM25_IDLEX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0.004000001**
PM25_RUNEX	0.081432757	0.081432757	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0.081432757**
PM25_STREX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
ROG_DIURN	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
ROG_HTSK	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
ROG_IDLEX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
ROG_RESTL	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
ROG_RUNEX	0.106641017	0.106641017	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0.106641017**
ROG_RUNLS	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
ROG_STREX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
SO2_IDLEX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
SO2_RUNEX	0.009188539	0.009188539	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0.009188539**
SO2_STREX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
TOG_DIURN	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
TOG_HTSK	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
TOG_IDLEX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
TOG_RESTL	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
TOG_RUNEX	0.121403708	0.121403708	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0.121403708**
TOG_RUNLS	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**
TOG_STREX	0	0	0	1730.789277	817.4925366	0	16331.3466	7205.010974	0	173.1481592	81.74925366	0	**0**

EMFAC2017 Derived CalEEMod Annual Emission Rates: Scenario 4 Year 2021[1,2] - Delivery Vehicles

Season	Pollutant	LDA	LDT1	LDT2	MDV	LHDT1	LHDT2	MHDT	HHDT	OBUS	UBUS	MCY	SBUS	MH
Annual	CH4_IDLEX	0	0	0	0	0.003445	0.00212022	0.000443272	0.020416049	0.0043536	0	0	0.0007391	0
Annual	CH4_RUNEX	0.0007326	0.0062484	0.0004283	0.0003661	0.0070846	0.005484747	0.006947973	0.006461523	0.0075333	0.1082012	0	0.0017274	0.0037887
Annual	CH4_STREX	0	0	0	0	0.0111552	0.006094805	0	0	0	0	0	0	0
Annual	CO_IDLEX	0	0	0	0	0.1197909	0.09008185	0.193101881	5.603953686	1.0041039	0	0	0.4794528	0
Annual	CO_RUNEX	0.2203803	0.8966777	0.0812955	0.1324396	0.6464693	0.504526385	0.41882703	0.525792613	0.4809214	0.1777607	0	0.1201078	0.2992157
Annual	CO_STREX	0	0	0	0	0.7319498	0.415715488	0	0	0	0	0	0	0
Annual	CO2_NBIO_IDLEX	0	0	0	0	6.2411687	9.827083087	71.78067183	1082.602995	208.92969	0	0	204.25392	0
Annual	CO2_NBIO_RUNEX	212.76808	290.82623	195.33713	257.93574	543.90752	528.9107825	733.4636186	1521.613561	861.43702	1132.7327	0	710.63948	698.49554
Annual	CO2_NBIO_STREX	0	0	0	0	7.6597258	5.046100447	0	0	0	0	0	0	0
Annual	NOX_IDLEX	0	0	0	0	0.050736	0.079333477	0.69817684	5.938308303	1.5785191	0	0	1.7522446	0
Annual	NOX_RUNEX	0.0961606	0.8311225	0.0266648	0.0373581	0.855515	0.914862885	2.289778455	4.130703096	2.5742439	1.5857093	0	2.5134402	3.2144499
Annual	NOX_STREX[3]	0	0	0	0	0.2260488	0.128872898	0.888257806	1.899601069	1.0443062	0	0	0.9247606	0
Annual	PM10_IDLEX	0	0	0	0	0.0006042	0.000970026	0.002116107	0.008734554	0.0065098	0	0	0.0014309	0
Annual	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060765095	0.13034	0.0762074	0	0.7448002	0.13034
Annual	PM10_PMTW	0.008	0.008	0.008	0.008	0.0098446	0.010812433	0.012000003	0.035431542	0.012	0.0309386	0	0.012	0.016
Annual	PM10_RUNEX	0.0083636	0.0998666	0.0032695	0.0035981	0.0100227	0.01295209	0.062744951	0.062276156	0.0649366	0.0047074	0	0.0148761	0.0801567
Annual	PM10_STREX	0	0	0	0	0.0001732	8.51136E-05	0	0	0	0	0	0	0
Annual	PM25_IDLEX	0	0	0	0	0.0005781	0.000928063	0.002024565	0.008356701	0.0062281	0	0	0.001369	0
Annual	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.026042184	0.05586	0.0326603	0	0.3192001	0.05586
Annual	PM25_PMTW	0.002	0.002	0.002	0.002	0.0024611	0.002703108	0.003000001	0.008857886	0.003	0.0077346	0	0.003	0.004
Annual	PM25_RUNEX	0.0080018	0.0955464	0.0031281	0.0034425	0.009557	0.012375726	0.060030632	0.059582117	0.0621275	0.0045038	0	0.0142326	0.0766892
Annual	PM25_STREX	0	0	0	0	0.0001592	7.82588E-05	0	0	0	0	0	0	0
Annual	ROG_DIURN	0.003491	0.0016101	0.0010987	0.001111	0.0021771	0.001250902	0.00055213	0	0.0005475	0.0053923	0	0.0004673	0.0539232
Annual	ROG_HTSK	0.004888	0.001613	0.001613	0.001613	0.0816777	0.041378658	0.001613049	0	0.001613	0.001613	0	0.001613	0.001613
Annual	ROG_IDLEX	0	0	0	0	0.0145961	0.010844358	0.00954353	0.439551933	0.0937312	0	0	0.0159132	0
Annual	ROG_RESTL	0.0010761	0.0004963	0.0003387	0.0003425	0.0011641	0.00063318	0.0001702	0	0.0001688	0.0004156	0	0.000144	0.0166224
Annual	ROG_RUNEX	0.0157733	0.1345236	0.0092209	0.0078823	0.0775356	0.08543847	0.149587947	0.139114814	0.1621902	0.001546	0	0.0371895	0.0815681
Annual	ROG_RUNLS	0	0	0	0	0.5762231	0.275016951	0	0	0	0	0	0	0
Annual	ROG_STREX	0	0	0	0	0.0565024	0.030571929	0	0	0	0	0	0	0
Annual	SO2_IDLEX	0	0	0	0	6.045E-05	9.38679E-05	0.000678148	0.010227896	0.0019739	0	0	0.0019297	0
Annual	SO2_RUNEX	0.0020114	0.0027494	0.0018466	0.0024384	0.0053052	0.005102543	0.006929401	0.01437545	0.0081384	0.0107084	0	0.0067138	0.0066033
Annual	SO2_STREX	0	0	0	0	7.58E-05	4.99353E-05	0	0	0	0	0	0	0
Annual	TOG_DIURN	0.003491	0.0016101	0.0010987	0.001111	0.0021771	0.001250902	0.00055213	0	0.0005475	0.0053923	0	0.0004673	0.0539232
Annual	TOG_HTSK	0.004888	0.001613	0.001613	0.001613	0.0816777	0.041378658	0.001613049	0	0.001613	0.001613	0	0.001613	0.001613
Annual	TOG_IDLEX	0	0	0	0	0.0205379	0.014597028	0.010864583	0.500396417	0.1067058	0	0	0.018116	0
Annual	TOG_RESTL	0.0010761	0.0004963	0.0003387	0.0003425	0.0011641	0.00063318	0.0001702	0	0.0001688	0.0004156	0	0.000144	0.0166224
Annual	TOG_RUNEX	0.0179569	0.1531462	0.0104974	0.0089735	0.0952611	0.100102834	0.17029449	0.158371627	0.1846412	0.1104273	0	0.0423374	0.0928599
Annual	TOG_RUNLS	0	0	0	0	0.5762231	0.275016951	0	0	0	0	0	0	0
Annual	TOG_STREX	0	0	0	0	0.061863	0.033472414	0	0	0	0	0	0	0
Summer	CH4_IDLEX	0	0	0	0	0.003456	0.002126527	0.000434463	0.021250614	0.004357	0	0	0.0007526	0
Summer	CH4_RUNEX	0.0007326	0.0062484	0.0004283	0.0003661	0.0072771	0.005557867	0.006947973	0.006461523	0.0075333	0.1082012	0	0.0017274	0.0037887
Summer	CH4_STREX	0	0	0	0	0.0104553	0.005712931	0	0	0	0	0	0	0
Summer	CO_IDLEX	0	0	0	0	0.1197909	0.09008185	0.174421592	5.466530752	0.9256824	0	0	0.458843	0

Summer	CO_RUNEX	0.2203803	0.8966777	0.0812955	0.1324396	0.6627827	0.510596882	0.41882703	0.525792613	0.4809214	0.1777607	0	0.1201078	0.2992157
Summer	CO_STREX	0	0	0	0	0.6719095	0.382001241	0	0	0	0	0	0	0
Summer	CO2_NBIO_IDLEX	0	0	0	0	6.2411687	9.827083087	73.11120594	1080.510165	210.76847	0	0	207.19327	0
Summer	CO2_NBIO_RUNEX	212.76808	290.82623	195.33713	257.93574	543.93781	528.921904	733.4636186	1521.613561	861.43702	1132.7327	0	710.63948	698.49554
Summer	CO2_NBIO_STREX	0	0	0	0	7.5519364	4.98584757	0	0	0	0	0	0	0
Summer	NOX_IDLEX	0	0	0	0	0.050736	0.079333477	0.707394366	5.783678732	1.5793858	0	0	1.764046	0
Summer	NOX_RUNEX	0.0924948	0.7994641	0.0256468	0.035933	0.8176754	0.878744357	2.20438664	3.981673293	2.4796431	1.5857093	0	2.4165443	3.0943721
Summer	NOX_STREX[3]	0	0	0	0	0.2092774	0.119313494	0.888257806	1.899601069	1.0443062	0	0	0.9247606	0
Summer	PM10_IDLEX	0	0	0	0	0.0006042	0.000970026	0.001786609	0.008122117	0.0055002	0	0	0.0012141	0
Summer	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060765095	0.13034	0.0762074	0	0.7448002	0.13034
Summer	PM10_PMTW	0.008	0.008	0.008	0.008	0.0098446	0.010812433	0.012000003	0.035431542	0.012	0.0309386	0	0.012	0.016
Summer	PM10_RUNEX	0.0083636	0.0998666	0.0032695	0.0035981	0.0100227	0.01295209	0.062744951	0.062276156	0.0649366	0.0047074	0	0.0148761	0.0801567
Summer	PM10_STREX	0	0	0	0	0.0001732	8.51136E-05	0	0	0	0	0	0	0
Summer	PM25_IDLEX	0	0	0	0	0.0005781	0.000928063	0.001709321	0.007770757	0.0052623	0	0	0.0011616	0
Summer	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.026042184	0.05586	0.0326603	0	0.3192001	0.05586
Summer	PM25_PMTW	0.002	0.002	0.002	0.002	0.0024611	0.002703108	0.003000001	0.008857886	0.003	0.0077346	0	0.003	0.004
Summer	PM25_RUNEX	0.0080018	0.0955464	0.0031281	0.0034425	0.009557	0.012375726	0.060030632	0.059582117	0.0621275	0.0045038	0	0.0142326	0.0766892
Summer	PM25_STREX	0	0	0	0	0.0001592	7.82588E-05	0	0	0	0	0	0	0
Summer	ROG_DIURN	0.0117615	0.0054245	0.0037017	0.0037432	0.0069517	0.005361818	0.001860204	0	0.0018447	0.0181675	0	0.0015743	0.1816749
Summer	ROG_HTSK	0.004888	0.001613	0.001613	0.001613	0.0959394	0.05021546	0.001613049	0	0.001613	0.001613	0	0.001613	0.001613
Summer	ROG_IDLEX	0	0	0	0	0.0145961	0.010844358	0.009353864	0.457519882	0.0938054	0	0	0.0162036	0
Summer	ROG_RESTL	0.0056027	0.002584	0.0017634	0.0017831	0.0026836	0.001376924	0.000886127	0	0.0008787	0.0021636	0	0.0007499	0.0865427
Summer	ROG_RUNEX	0.0157733	0.1345236	0.0092209	0.0078823	0.0785639	0.085786151	0.149587947	0.139114814	0.1621902	0.001546	0	0.0371895	0.0815681
Summer	ROG_RUNLS	0	0	0	0	0.5621626	0.268115734	0	0	0	0	0	0	0
Summer	ROG_STREX	0	0	0	0	0.0527423	0.028542102	0	0	0	0	0	0	0
Summer	SO2_IDLEX	0	0	0	0	6.045E-05	9.38679E-05	0.000690718	0.010208124	0.0019912	0	0	0.0019575	0
Summer	SO2_RUNEX	0.0020114	0.0027494	0.0018466	0.0024384	0.0053055	0.005102653	0.006929401	0.01437545	0.0081384	0.0107084	0	0.0067138	0.0066033
Summer	SO2_STREX	0	0	0	0	7.473E-05	4.9339E-05	0	0	0	0	0	0	0
Summer	TOG_DIURN	0.0117615	0.0054245	0.0037017	0.0037432	0.0053502	0.002778574	0.001860204	0	0.0018447	0.0181675	0	0.0015743	0.1816749
Summer	TOG_HTSK	0.004888	0.001613	0.001613	0.001613	0.0946109	0.048072577	0.001613049	0	0.001613	0.001613	0	0.001613	0.001613
Summer	TOG_IDLEX	0	0	0	0	0.0205379	0.014597028	0.010648662	0.520851559	0.1067903	0	0	0.0184465	0
Summer	TOG_RESTL	0.0056027	0.002584	0.0017634	0.0017831	0.0026836	0.001376924	0.000886127	0	0.0008787	0.0021636	0	0.0007499	0.0865427
Summer	TOG_RUNEX	0.0179569	0.1531462	0.0104974	0.0089735	0.0967616	0.100610169	0.17029449	0.158371627	0.1846412	0.1104273	0	0.0423374	0.0928599
Summer	TOG_RUNLS	0	0	0	0	0.5621626	0.268115734	0	0	0	0	0	0	0
Summer	TOG_STREX	0	0	0	0	0.0577462	0.031250009	0	0	0	0	0	0	0

Winter	CH4_IDLEX	0	0	0	0	0.0034357	0.002114952	0.000455438	0.019263555	0.0043488	0	0	0.0007205	0
Winter	CH4_RUNEX	0.0007326	0.0062484	0.0004283	0.0003661	0.0069325	0.005425754	0.006947973	0.006461523	0.0075333	0.1082012	0	0.0017274	0.0037887
Winter	CH4_STREX	0	0	0	0	0.0117497	0.006418943	0	0	0	0	0	0	0
Winter	CO_IDLEX	0	0	0	0	0.1197909	0.09008185	0.21889847	5.793728215	1.1124004	0	0	0.507914	0
Winter	CO_RUNEX	0.2203803	0.8966777	0.0812955	0.1324396	0.6338909	0.499814335	0.41882703	0.525792613	0.4809214	0.1777607	0	0.1201078	0.2992157
Winter	CO_STREX	0	0	0	0	0.7890822	0.447663588	0	0	0	0	0	0	0
Winter	CO2_NBIO_IDLEX	0	0	0	0	6.2411687	9.827083087	69.94326757	1085.493094	206.39041	0	0	200.19482	0
Winter	CO2_NBIO_RUNEX	212.76808	290.82623	195.33713	257.93574	543.88413	528.9021143	733.4636186	1521.613561	861.43702	1132.7327	0	710.63948	698.49554
Winter	CO2_NBIO_STREX	0	0	0	0	7.7610818	5.102564076	0	0	0	0	0	0	0
Winter	NOX_IDLEX	0	0	0	0	0.050736	0.079333477	0.685447875	6.151844377	1.5773223	0	0	1.7359473	0
Winter	NOX_RUNEX	0.097568	0.8432566	0.0270567	0.0379059	0.8736445	0.931019644	2.324746535	4.194922729	2.613649	1.5857093	0	2.5534908	3.2635792
Winter	NOX_STREX[3]	0	0	0	0	0.2412757	0.137559116	0.888257806	1.899601069	1.0443062	0	0	0.9247606	0
Winter	PM10_IDLEX	0	0	0	0	0.0006042	0.000970026	0.002571128	0.0095803	0.0079039	0	0	0.0017302	0
Winter	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060765095	0.13034	0.0762074	0	0.7448002	0.13034
Winter	PM10_PMTW	0.008	0.008	0.008	0.008	0.0098446	0.010812433	0.012000003	0.035431542	0.012	0.0309386	0	0.012	0.016
Winter	PM10_RUNEX	0.0083636	0.0998666	0.0032695	0.0035981	0.0100227	0.01295209	0.062744951	0.062276156	0.0649366	0.0047074	0	0.0148761	0.0801567
Winter	PM10_STREX	0	0	0	0	0.0001732	8.51136E-05	0	0	0	0	0	0	0
Winter	PM25_IDLEX	0	0	0	0	0.0005781	0.000928063	0.002459902	0.009165861	0.007562	0	0	0.0016553	0
Winter	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.026042184	0.05586	0.0326603	0	0.3192001	0.05586
Winter	PM25_PMTW	0.002	0.002	0.002	0.002	0.0024611	0.002703108	0.003000001	0.008857886	0.003	0.0077346	0	0.003	0.004
Winter	PM25_RUNEX	0.0080018	0.0955464	0.0031281	0.0034425	0.009557	0.012375726	0.060030632	0.059582117	0.0621275	0.0045038	0	0.0142326	0.0766892
Winter	PM25_STREX	0	0	0	0	0.0001592	7.82588E-05	0	0	0	0	0	0	0
Winter	ROG_DIURN	0.0001556	7.178E-05	4.898E-05	4.953E-05	0.0008453	0.000616272	2.46139E-05	0	2.441E-05	0.0002404	0	2.083E-05	0.0024039
Winter	ROG_HTSK	0.004888	0.001613	0.001613	0.001613	0.0896466	0.044681173	0.001613049	0	0.001613	0.001613	0	0.001613	0.001613
Winter	ROG_IDLEX	0	0	0	0	0.0145961	0.010844358	0.00980545	0.414739052	0.0936287	0	0	0.0155123	0
Winter	ROG_RESTL	1.832E-05	8.451E-06	5.767E-06	5.832E-06	0.0005309	0.000326753	2.8982E-06	0	2.874E-06	7.076E-06	0	2.453E-06	0.000283
Winter	ROG_RUNEX	0.0157733	0.1345236	0.0092209	0.0078823	0.0767356	0.085160369	0.149587947	0.139114814	0.1621902	0.001546	0	0.0371895	0.0815681
Winter	ROG_RUNLS	0	0	0	0	0.6395485	0.306453914	0	0	0	0	0	0	0
Winter	ROG_STREX	0	0	0	0	0.059719	0.032306879	0	0	0	0	0	0	0
Winter	SO2_IDLEX	0	0	0	0	6.045E-05	9.38679E-05	0.000660789	0.010255201	0.0019499	0	0	0.0018913	0
Winter	SO2_RUNEX	0.0020114	0.0027494	0.0018466	0.0024384	0.005305	0.005102457	0.006929401	0.01437545	0.0081384	0.0107084	0	0.0067138	0.0066033
Winter	SO2_STREX	0	0	0	0	7.68E-05	5.0494E-05	0	0	0	0	0	0	0
Winter	TOG_DIURN	0.0001556	7.178E-05	4.898E-05	4.953E-05	0.0008453	0.000616272	2.46139E-05	0	2.441E-05	0.0002404	0	2.083E-05	0.0024039
Winter	TOG_HTSK	0.004888	0.001613	0.001613	0.001613	0.0896466	0.044681173	0.001613049	0	0.001613	0.001613	0	0.001613	0.001613
Winter	TOG_IDLEX	0	0	0	0	0.0205379	0.014597028	0.011162758	0.47214884	0.1065892	0	0	0.0176595	0
Winter	TOG_RESTL	1.832E-05	8.451E-06	5.767E-06	5.832E-06	0.0005309	0.000326753	2.8982E-06	0	2.874E-06	7.076E-06	0	2.453E-06	0.000283
Winter	TOG_RUNEX	0.0179569	0.1531462	0.0104974	0.0089735	0.0940937	0.09969703	0.17029449	0.158371627	0.1846412	0.1104273	0	0.0423374	0.0928599
Winter	TOG_RUNLS	0	0	0	0	0.6395485	0.306453914	0	0	0	0	0	0	0
Winter	TOG_STREX	0	0	0	0	0.0653848	0.035371966	0	0	0	0	0	0	0

1 Source: California Air Resources Board. EMFAC2017 Web Database. https://www.arb.ca.gov/emfac/2017/; California Air Pollution Control Officers Association (CAPCOA). 2017, November. California Emissions Estimator Model User's Guide, Version 2016.3.2, Appendix A.

2 Unless otherwise noted, per CalEEMod methodology, the calculated CalEEMod emission rates are derived from the emission rates obtained using the EMFAC2017 Web Database for the Contra Costa (SF) region .

3 Because EMFAC2017 provides vehicle trips data for MHDT and HHDT diesel trucks, the formula provided in Appendix A of the CalEEMod User's Guide in calculating the NO_X STREX emission rates are utilized.

Off-Model SAFE Rule Adjustment Factors for Gasoline Light Duty Vehicle (LDA, LDT1, LDT2, MDV) Emissions in EMFAC2017

Year	NOx Exh	TOG Evap	TOG Exh	PM Exh	CO Exh	CO2 Exh
2021	1.0002	1.0001	1.0002	1.0009	1.0005	1.0023
2022	1.0004	1.0003	1.0004	1.0018	1.0014	1.0065
2023	1.0007	1.0006	1.0007	1.0032	1.0027	1.0126
2024	1.0012	1.001	1.0011	1.0051	1.0044	1.0207
2025	1.0018	1.0016	1.0016	1.0074	1.0065	1.0309
2026	1.0023	1.0022	1.002	1.0091	1.0083	1.0394
2027	1.0028	1.0028	1.0024	1.0105	1.0102	1.0475
2028	1.0034	1.0035	1.0028	1.0117	1.012	1.0554
2029	1.004	1.0042	1.0032	1.0129	1.0138	1.0629
2030	1.0047	1.0051	1.0037	1.0142	1.0156	1.0702
2031	1.0054	1.0061	1.0042	1.0155	1.0173	1.077
2032	1.0061	1.0072	1.0047	1.0169	1.0189	1.0834
2033	1.0068	1.0083	1.0052	1.0182	1.0204	1.0893
2034	1.0075	1.0095	1.0058	1.0196	1.0218	1.0947
2035	1.0081	1.0108	1.0063	1.021	1.0232	1.0997
2036	1.0088	1.0121	1.0069	1.0223	1.0244	1.1041
2037	1.0094	1.0134	1.0074	1.0236	1.0255	1.108
2038	1.0099	1.0148	1.0079	1.0248	1.0265	1.1114
2039	1.0104	1.0161	1.0085	1.0259	1.0274	1.1143
2040	1.0109	1.0174	1.009	1.027	1.0281	1.1168
2041	1.0113	1.0186	1.0095	1.0279	1.0288	1.1189
2042	1.0116	1.0198	1.0099	1.0286	1.0294	1.1207
2043	1.0119	1.0207	1.0103	1.0293	1.0299	1.1221
2044	1.0122	1.0216	1.0106	1.0299	1.0303	1.1233
2045	1.0124	1.0225	1.0109	1.0303	1.0306	1.1243
2046	1.0125	1.0233	1.0111	1.0308	1.0309	1.1251
2047	1.0127	1.024	1.0113	1.0311	1.0311	1.1258
2048	1.0128	1.0246	1.0115	1.0314	1.0313	1.1263
2049	1.0128	1.0252	1.0116	1.0316	1.0315	1.1268
2050	1.0129	1.0257	1.0117	1.0318	1.0316	1.1272

Sources: California Air Resources Board. 2019, November 20. EMFAC Off-Model Adjustment Factors to Account for the SAFE Vehicles Rule Part One and the Final Safe Rule. hhttps://ww3.arb.ca.gov/msei/emfac_off_model_adjustment_factors_final_draft.pdf; California Air Resources Board. 2020, June 26. EMFAC Off-Model Adjustment Factors for Carbon Dioxide (CO2) Emissions to Account for the SAFE Vehicles Rule Part One and the Final Safe Rule. https://ww3.arb.ca.gov/msei/emfac_off_model_co2_adjustment_factors_06262020-final.pdf.

LDA CalEEMod Emission Rate Worksheet

Vehicle Class: LDA

Pollutant	CARB SAFE Rule Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	LDA Gas	LDA DSL	LDA Elec	LDA Gas	LDA DSL	LDA Elec	LDA Gas	LDA DSL	LDA Elec	
CH4_IDLEX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
CH4_RUNEX		0	0.000732642	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.000732642**
CH4_STREX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
CO_IDLEX	1.0005	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
CO_RUNEX	1.0005	0	0.22038035	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.22038035**
CO_STREX	1.0005	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
CO2_NBIO_IDLEX	1.0023	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
CO2_NBIO_RUNEX	1.0023	0	212.768076	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**212.768076**
CO2_NBIO_STREX	1.0023	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
NOX_IDLEX	1.0002	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
NOX_RUNEX	1.0002	0	0.096160603	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.096160603**
NOX_STREX	1.0002	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
PM10_IDLEX	1.0009	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
PM10_PMBW		0	0.036750011	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.008000002**
PM10_RUNEX	1.0009	0	0.008363638	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.008363638**
PM10_STREX	1.0009	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
PM25_IDLEX	1.0009	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
PM25_PMBW		0	0.015750005	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.002000001**
PM25_RUNEX	1.0009	0	0.00800183	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.00800183**
PM25_STREX	1.0009	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
ROG_DIURN		0	0.016340367	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.003490956**
ROG_HTSK		0	0.004888026	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.004888026**
ROG_IDLEX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
ROG_RESTL		0	0.0050371	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.001076126**
ROG_RUNEX		0	0.015773346	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.015773346**
ROG_RUNLS		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
ROG_STREX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
SO2_IDLEX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
SO2_RUNEX		0	0.002011423	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.002011423**
SO2_STREX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
TOG_DIURN	1.0001	0	0.016340367	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.003490956**
TOG_HTSK	1.0001	0	0.004888026	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.004888026**
TOG_IDLEX	1.0002	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
TOG_RESTL	1.0001	0	0.0050371	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.001076126**
TOG_RUNEX	1.0002	0	0.017956906	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.017956906**
TOG_RUNLS	1.0001	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
TOG_STREX	1.0002	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
CH4_IDLEX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
CH4_RUNEX		0	0.000732642	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.000732642**
CH4_STREX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
CO_IDLEX	1.0005	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
CO_RUNEX	1.0005	0	0.22038035	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.22038035**
CO_STREX	1.0005	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
CO2_NBIO_IDLEX	1.0023	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
CO2_NBIO_RUNEX	1.0023	0	212.768076	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**212.768076**
CO2_NBIO_STREX	1.0023	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
NOX_IDLEX	1.0002	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
NOX_RUNEX	1.0002	0	0.09249476	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.09249476**
NOX_STREX	1.0002	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
PM10_IDLEX	1.0009	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
PM10_PMBW		0	0.036750011	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.008000002**
PM10_RUNEX	1.0009	0	0.008363638	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.008363638**
PM10_STREX	1.0009	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
PM25_IDLEX	1.0009	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
PM25_PMBW		0	0.015750005	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.002000001**
PM25_RUNEX	1.0009	0	0.00800183	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.00800183**
PM25_STREX	1.0009	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
ROG_DIURN		0	0.055052995	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.011761523**
ROG_HTSK		0	0.004888026	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.004888026**
ROG_IDLEX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
ROG_RESTL		0	0.026225054	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.005602721**
ROG_RUNEX		0	0.015773346	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.015773346**
ROG_RUNLS		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
ROG_STREX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
SO2_IDLEX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
SO2_RUNEX		0	0.002011423	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.002011423**
SO2_STREX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
TOG_DIURN	1.0001	0	0.055052995	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.011761523**
TOG_HTSK	1.0001	0	0.004888026	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.004888026**
TOG_IDLEX	1.0002	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
TOG_RESTL	1.0001	0	0.026225054	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.005602721**
TOG_RUNEX	1.0002	0	0.017956906	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.017956906**
TOG_RUNLS	1.0001	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
TOG_STREX	1.0002	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**

CH4_IDLEX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
CH4_RUNEX		0	0.000732642	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.000732642**
CH4_STREX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
CO_IDLEX	1.0005	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
CO_RUNEX	1.0005	0	0.22038035	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.22038035**
CO_STREX	1.0005	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
CO2_NBIO_IDLEX	1.0023	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
CO2_NBIO_RUNEX	1.0023	0	212.768076	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**212.768076**
CO2_NBIO_STREX	1.0023	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
NOX_IDLEX	1.0002	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
NOX_RUNEX	1.0002	0	0.097567991	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.097567991**
NOX_STREX	1.0002	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
PM10_IDLEX	1.0009	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
PM10_PMBW		0	0.036750011	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.008000002**
PM10_RUNEX	1.0009	0	0.008363638	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.008363638**
PM10_STREX	1.0009	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
PM25_IDLEX	1.0009	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
PM25_PMBW		0	0.015750005	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.002000001**
PM25_RUNEX	1.0009	0	0.00800183	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.00800183**
PM25_STREX	1.0009	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
ROG_DIURN		0	0.000728453	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.000155627**
ROG_HTSK		0	0.004888026	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.004888026**
ROG_IDLEX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
ROG_RESTL		0	8.57726E-05	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**1.83245E-05**
ROG_RUNEX		0	0.015773346	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.015773346**
ROG_RUNLS		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
ROG_STREX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
SO2_IDLEX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
SO2_RUNEX		0	0.002011423	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.002011423**
SO2_STREX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
TOG_DIURN	1.0001	0	0.000728453	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.000155627**
TOG_HTSK	1.0001	0	0.004888026	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.004888026**
TOG_IDLEX	1.0002	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
TOG_RESTL	1.0001	0	8.57726E-05	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**1.83245E-05**
TOG_RUNEX	1.0002	0	0.017956906	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.017956906**
TOG_RUNLS	1.0001	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
TOG_STREX	1.0002	0.00000000	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**

LDT1 CalEEMod Emission Rate Worksheet

Percent Zero Emission: 33%

Vehicle Class: LDT1

Adjustment Factor: 0.67

Pollutant	CARB SAFE Rule Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	LDT1 Gas	LDT1 DSL	LDT1 Elec	LDT1 Gas	LDT1 DSL	LDT1 Elec	LDT1 Gas	LDT1 DSL	LDT1 Elec	
CH4_IDLEX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
CH4_RUNEX		0	0.009325918	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.006248365**
CH4_STREX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
CO_IDLEX	1.0005	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
CO_RUNEX	1.0005	0	1.338324899	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.896677682**
CO_STREX	1.0005	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
CO2_NBIO_IDLEX	1.0023	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
CO2_NBIO_RUNEX	1.0023	0	434.0689927	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**290.8262251**
CO2_NBIO_STREX	1.0023	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
NOX_IDLEX	1.0002	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
NOX_RUNEX	1.0002	0	1.240481415	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.831122548**
NOX_STREX	1.0002	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
PM10_IDLEX	1.0009	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
PM10_PMBW		0	0.036750011	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.008000002**
PM10_RUNEX	1.0009	0	0.149054566	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.099866559**
PM10_STREX	1.0009	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
PM25_IDLEX	1.0009	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
PM25_PMBW		0	0.015750005	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.002000001**
PM25_RUNEX	1.0009	0	0.142606532	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.095546376**
PM25_STREX	1.0009	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
ROG_DIURN		0	0.016340367	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.001610067**
ROG_HTSK		0	0.004888026	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.001613049**
ROG_IDLEX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
ROG_RESTL		0	0.0050371	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.000496321**
ROG_RUNEX		0	0.200781521	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.134523619**
ROG_RUNLS		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
ROG_STREX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
SO2_IDLEX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
SO2_RUNEX		0	0.004103513	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.002749354**
SO2_STREX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
TOG_DIURN	1.0001	0	0.016340367	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.001610067**
TOG_HTSK	1.0001	0	0.004888026	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.001613049**
TOG_IDLEX	1.0002	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
TOG_RESTL	1.0001	0	0.0050371	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.000496321**
TOG_RUNEX	1.0002	0	0.228576412	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.153146196**
TOG_RUNLS	1.0001	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
TOG_STREX	1.0002	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
CH4_IDLEX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
CH4_RUNEX		0	0.009325918	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.006248365**
CH4_STREX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
CO_IDLEX	1.0005	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
CO_RUNEX	1.0005	0	1.338324899	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.896677682**
CO_STREX	1.0005	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
CO2_NBIO_IDLEX	1.0023	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
CO2_NBIO_RUNEX	1.0023	0	434.0689927	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**290.8262251**
CO2_NBIO_STREX	1.0023	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
NOX_IDLEX	1.0002	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
NOX_RUNEX	1.0002	0	1.193229956	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.799464071**
NOX_STREX	1.0002	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
PM10_IDLEX	1.0009	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
PM10_PMBW		0	0.036750011	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.008000002**
PM10_RUNEX	1.0009	0	0.149054566	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.099866559**
PM10_STREX	1.0009	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
PM25_IDLEX	1.0009	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
PM25_PMBW		0	0.015750005	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.002000001**
PM25_RUNEX	1.0009	0	0.142606532	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.095546376**
PM25_STREX	1.0009	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
ROG_DIURN		0	0.055052995	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.005424543**
ROG_HTSK		0	0.004888026	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.001613049**
ROG_IDLEX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
ROG_RESTL		0	0.026225054	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.002584036**
ROG_RUNEX		0	0.200781521	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.134523619**
ROG_RUNLS		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
ROG_STREX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
SO2_IDLEX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
SO2_RUNEX		0	0.004103513	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.002749354**
SO2_STREX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
TOG_DIURN	1.0001	0	0.055052995	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.005424543**
TOG_HTSK	1.0001	0	0.004888026	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.001613049**
TOG_IDLEX	1.0002	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
TOG_RESTL	1.0001	0	0.026225054	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.002584036**
TOG_RUNEX	1.0002	0	0.228576412	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.153146196**
TOG_RUNLS	1.0001	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
TOG_STREX	1.0002	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**

CH4_IDLEX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
CH4_RUNEX		0	0.009325918	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.006248365**
CH4_STREX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
CO_IDLEX	1.0005	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
CO_RUNEX	1.0005	0	1.338324899	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.896677682**
CO_STREX	1.0005	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
CO2_NBIO_IDLEX	1.0023	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
CO2_NBIO_RUNEX	1.0023	0	434.0689927	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**290.8262251**
CO2_NBIO_STREX	1.0023	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
NOX_IDLEX	1.0002	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
NOX_RUNEX	1.0002	0	1.258591927	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.843256591**
NOX_STREX	1.0002	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
PM10_IDLEX	1.0009	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
PM10_PMBW		0	0.036750011	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.008000002**
PM10_RUNEX	1.0009	0	0.149054566	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.099866559**
PM10_STREX	1.0009	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
PM25_IDLEX	1.0009	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
PM25_PMBW		0	0.015750005	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.002000001**
PM25_RUNEX	1.0009	0	0.142606532	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.095546376**
PM25_STREX	1.0009	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
ROG_DIURN		0	0.000728453	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**7.17767E-05**
ROG_HTSK		0	0.004888026	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.001613049**
ROG_IDLEX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
ROG_RESTL		0	8.57726E-05	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**8.45145E-06**
ROG_RUNEX		0	0.200781521	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.134523619**
ROG_RUNLS		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
ROG_STREX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
SO2_IDLEX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
SO2_RUNEX		0	0.004103513	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.002749354**
SO2_STREX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
TOG_DIURN	1.0001	0	0.000728453	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**7.17767E-05**
TOG_HTSK	1.0001	0	0.004888026	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.001613049**
TOG_IDLEX	1.0002	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
TOG_RESTL	1.0001	0	8.57726E-05	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**8.45145E-06**
TOG_RUNEX	1.0002	0	0.228576412	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.153146196**
TOG_RUNLS	1.0001	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
TOG_STREX	1.0002	0.00000000	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**

LDT2 CalEEMod Emission Rate Worksheet

Vehicle Class: LDT2

Percent Zero Emission: 33%

Adjustment Factor: 0.67

Pollutant	CARB SAFE Rule Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	LDT2 Gas	LDT2 DSL	LDT2 Elec	LDT2 Gas	LDT2 DSL	LDT2 Elec	LDT2 Gas	LDT2 DSL	LDT2 Elec	
CH4_IDLEX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
CH4_RUNEX		0	0.000639242	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.000428292**
CH4_STREX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
CO_IDLEX	1.0005	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
CO_RUNEX	1.0005	0	0.121336608	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.081295528**
CO_STREX	1.0005	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
CO2_NBIO_IDLEX	1.0023	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
CO2_NBIO_RUNEX	1.0023	0	291.5479624	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**195.3371348**
CO2_NBIO_STREX	1.0023	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
NOX_IDLEX	1.0002	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
NOX_RUNEX	1.0002	0	0.039798146	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.026664758**
NOX_STREX	1.0002	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
PM10_IDLEX	1.0009	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
PM10_PMBW		0	0.036750011	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.008000002**
PM10_RUNEX	1.0009	0	0.004879899	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.003269532**
PM10_STREX	1.0009	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
PM25_IDLEX	1.0009	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
PM25_PMBW		0	0.015750005	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.002000001**
PM25_RUNEX	1.0009	0	0.004668797	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.003128094**
PM25_STREX	1.0009	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
ROG_DIURN		0	0.016340367	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.00109872**
ROG_HTSK		0	0.004888026	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.001613049**
ROG_IDLEX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
ROG_RESTL		0	0.0050371	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.000338693**
ROG_RUNEX		0	0.013762499	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.009220875**
ROG_RUNLS		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
ROG_STREX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
SO2_IDLEX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
SO2_RUNEX		0	0.002756177	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.001846638**
SO2_STREX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
TOG_DIURN	1.0001	0	0.016340367	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.00109872**
TOG_HTSK	1.0001	0	0.004888026	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.001613049**
TOG_IDLEX	1.0002	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
TOG_RESTL	1.0001	0	0.0050371	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.000338693**
TOG_RUNEX	1.0002	0	0.015667691	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.010497353**
TOG_RUNLS	1.0001	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
TOG_STREX	1.0002	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
CH4_IDLEX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
CH4_RUNEX		0	0.000639242	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.000428292**
CH4_STREX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
CO_IDLEX	1.0005	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
CO_RUNEX	1.0005	0	0.121336608	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.081295528**
CO_STREX	1.0005	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
CO2_NBIO_IDLEX	1.0023	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
CO2_NBIO_RUNEX	1.0023	0	291.5479624	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**195.3371348**
CO2_NBIO_STREX	1.0023	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
NOX_IDLEX	1.0002	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
NOX_RUNEX	1.0002	0	0.038278792	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.025646791**
NOX_STREX	1.0002	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
PM10_IDLEX	1.0009	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
PM10_PMBW		0	0.036750011	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.008000002**
PM10_RUNEX	1.0009	0	0.004879899	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.003269532**
PM10_STREX	1.0009	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
PM25_IDLEX	1.0009	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
PM25_PMBW		0	0.015750005	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.002000001**
PM25_RUNEX	1.0009	0	0.004668797	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.003128094**
PM25_STREX	1.0009	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
ROG_DIURN		0	0.055052995	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.003701741**
ROG_HTSK		0	0.004888026	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.001613049**
ROG_IDLEX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
ROG_RESTL		0	0.026225054	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.001763362**
ROG_RUNEX		0	0.013762499	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.009220875**
ROG_RUNLS		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
ROG_STREX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
SO2_IDLEX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
SO2_RUNEX		0	0.002756177	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.001846638**
SO2_STREX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
TOG_DIURN	1.0001	0	0.055052995	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.003701741**
TOG_HTSK	1.0001	0	0.004888026	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.001613049**
TOG_IDLEX	1.0002	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
TOG_RESTL	1.0001	0	0.026225054	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.001763362**
TOG_RUNEX	1.0002	0	0.015667691	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.010497353**
TOG_RUNLS	1.0001	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
TOG_STREX	1.0002	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**

CH4_IDLEX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
CH4_RUNEX		0	0.000639242	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.000428292**
CH4_STREX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
CO_IDLEX	1.0005	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
CO_RUNEX	1.0005	0	0.121336608	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.081295528**
CO_STREX	1.0005	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
CO2_NBIO_IDLEX	1.0023	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
CO2_NBIO_RUNEX	1.0023	0	291.5479624	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**195.3371348**
CO2_NBIO_STREX	1.0023	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
NOX_IDLEX	1.0002	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
NOX_RUNEX	1.0002	0	0.040383166	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.027056721**
NOX_STREX	1.0002	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
PM10_IDLEX	1.0009	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
PM10_PMBW		0	0.036750011	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.008000002**
PM10_RUNEX	1.0009	0	0.004879899	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.003269532**
PM10_STREX	1.0009	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
PM25_IDLEX	1.0009	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
PM25_PMBW		0	0.015750005	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.002000001**
PM25_RUNEX	1.0009	0	0.004668797	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.003128094**
PM25_STREX	1.0009	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
ROG_DIURN		0	0.000728453	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**4.89809E-05**
ROG_HTSK		0	0.004888026	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.001613049**
ROG_IDLEX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
ROG_RESTL		0	8.57726E-05	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**5.76732E-06**
ROG_RUNEX		0	0.013762499	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.009220875**
ROG_RUNLS		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
ROG_STREX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
SO2_IDLEX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
SO2_RUNEX		0	0.002756177	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.001846638**
SO2_STREX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
TOG_DIURN	1.0001	0	0.000728453	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**4.89809E-05**
TOG_HTSK	1.0001	0	0.004888026	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.001613049**
TOG_IDLEX	1.0002	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
TOG_RESTL	1.0001	0	8.57726E-05	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**5.76732E-06**
TOG_RUNEX	1.0002	0	0.015667691	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.010497353**
TOG_RUNLS	1.0001	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
TOG_STREX	1.0002	0.00000000	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**

MDV CalEEMod Emission Rate Worksheet

Vehicle Class: MDV

Percent Zero Emission: 33%

Adjustment Factor: 0.67

Pollutant	CARB SAFE Rule Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	MDV Gas	MDV DSL	MDV Elec	MDV Gas	MDV DSL	MDV Elec	MDV Gas	MDV DSL	MDV Elec	
CH4_IDLEX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
CH4_RUNEX		0	0.000546444	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.000366117**
CH4_STREX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
CO_IDLEX	1.0005	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
CO_RUNEX	1.0005	0	0.197670983	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.132439559**
CO_STREX	1.0005	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
CO2_NBIO_IDLEX	1.0023	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
CO2_NBIO_RUNEX	1.0023	0	384.9787215	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**257.9357434**
CO2_NBIO_STREX	1.0023	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
NOX_IDLEX	1.0002	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
NOX_RUNEX	1.0002	0	0.055758315	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.037358071**
NOX_STREX	1.0002	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
PM10_IDLEX	1.0009	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
PM10_PMBW		0	0.036750011	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.008000002**
PM10_RUNEX	1.0009	0	0.005370314	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.00359811**
PM10_STREX	1.0009	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
PM25_IDLEX	1.0009	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
PM25_PMBW		0	0.015750005	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.002000001**
PM25_RUNEX	1.0009	0	0.005137996	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.003442458**
PM25_STREX	1.0009	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
ROG_DIURN		0	0.016340367	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.001111026**
ROG_HTSK		0	0.004888026	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.001613049**
ROG_IDLEX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
ROG_RESTL		0	0.0050371	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.000342486**
ROG_RUNEX		0	0.011764617	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.007882294**
ROG_RUNLS		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
ROG_STREX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
SO2_IDLEX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
SO2_RUNEX		0	0.003639433	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.00243842**
SO2_STREX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
TOG_DIURN	1.0001	0	0.016340367	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.001111026**
TOG_HTSK	1.0001	0	0.004888026	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.001613049**
TOG_IDLEX	1.0002	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
TOG_RESTL	1.0001	0	0.0050371	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.000342486**
TOG_RUNEX	1.0002	0	0.013393235	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.008973467**
TOG_RUNLS	1.0001	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
TOG_STREX	1.0002	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
CH4_IDLEX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
CH4_RUNEX		0	0.000546444	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.000366117**
CH4_STREX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
CO_IDLEX	1.0005	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
CO_RUNEX	1.0005	0	0.197670983	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.132439559**
CO_STREX	1.0005	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
CO2_NBIO_IDLEX	1.0023	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
CO2_NBIO_RUNEX	1.0023	0	384.9787215	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**257.9357434**
CO2_NBIO_STREX	1.0023	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
NOX_IDLEX	1.0002	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
NOX_RUNEX	1.0002	0	0.053631306	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.035932975**
NOX_STREX	1.0002	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
PM10_IDLEX	1.0009	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
PM10_PMBW		0	0.036750011	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.008000002**
PM10_RUNEX	1.0009	0	0.005370314	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.00359811**
PM10_STREX	1.0009	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
PM25_IDLEX	1.0009	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
PM25_PMBW		0	0.015750005	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.002000001**
PM25_RUNEX	1.0009	0	0.005137996	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.003442458**
PM25_STREX	1.0009	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
ROG_DIURN		0	0.055052995	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.003743204**
ROG_HTSK		0	0.004888026	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.001613049**
ROG_IDLEX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
ROG_RESTL		0	0.026225054	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.001783113**
ROG_RUNEX		0	0.011764617	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.007882294**
ROG_RUNLS		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
ROG_STREX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
SO2_IDLEX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
SO2_RUNEX		0	0.003639433	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.00243842**
SO2_STREX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
TOG_DIURN	1.0001	0	0.055052995	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.003743204**
TOG_HTSK	1.0001	0	0.004888026	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.001613049**
TOG_IDLEX	1.0002	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
TOG_RESTL	1.0001	0	0.026225054	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.001783113**
TOG_RUNEX	1.0002	0	0.013393235	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.008973467**
TOG_RUNLS	1.0001	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
TOG_STREX	1.0002	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**

CH4_IDLEX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
CH4_RUNEX		0	0.000546444	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.000366117**
CH4_STREX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
CO_IDLEX	1.0005	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
CO_RUNEX	1.0005	0	0.197670983	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.132439559**
CO_STREX	1.0005	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
CO2_NBIO_IDLEX	1.0023	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
CO2_NBIO_RUNEX	1.0023	0	384.9787215	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**257.9357434**
CO2_NBIO_STREX	1.0023	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
NOX_IDLEX	1.0002	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
NOX_RUNEX	1.0002	0	0.056576008	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.037905925**
NOX_STREX	1.0002	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
PM10_IDLEX	1.0009	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
PM10_PMBW		0	0.036750011	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.008000002**
PM10_RUNEX	1.0009	0	0.005370314	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.00359811**
PM10_STREX	1.0009	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
PM25_IDLEX	1.0009	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
PM25_PMBW		0	0.015750005	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.002000001**
PM25_RUNEX	1.0009	0	0.005137996	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.003442458**
PM25_STREX	1.0009	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
ROG_DIURN		0	0.000728453	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**4.95295E-05**
ROG_HTSK		0	0.004888026	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.001613049**
ROG_IDLEX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
ROG_RESTL		0	8.57726E-05	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**5.83192E-06**
ROG_RUNEX		0	0.011764617	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.007882294**
ROG_RUNLS		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
ROG_STREX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
SO2_IDLEX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
SO2_RUNEX		0	0.003639433	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.00243842**
SO2_STREX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
TOG_DIURN	1.0001	0	0.000728453	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**4.95295E-05**
TOG_HTSK	1.0001	0	0.004888026	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.001613049**
TOG_IDLEX	1.0002	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
TOG_RESTL	1.0001	0	8.57726E-05	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**5.83192E-06**
TOG_RUNEX	1.0002	0	0.013393235	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.008973467**
TOG_RUNLS	1.0001	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
TOG_STREX	1.0002	0.00000000	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**

LHDT1 CalEEMod Emission Rate Worksheet

Percent Zero Emission: 33%

Vehicle Class: LHDT1 | Adjustment Factor: 0.67

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
	Gas	DSL	ELEC	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	
CH4_IDLEX	0.12476812	0.005098128	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.003444961**
CH4_RUNEX	0.01245206	0.008379381	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.007084578**
CH4_STREX	0.028013503	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.011155189**
CO_IDLEX	3.746398208	0.909745076	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.119790897**
CO_RUNEX	1.102707148	0.803820496	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.646469262**
CO_STREX	1.83811128	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.731949811**
CO2_NBIO_IDLEX	122.5404186	137.2642194	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**6.241168679**
CO2_NBIO_RUNEX	1023.10929	564.8786823	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**543.9075183**
CO2_NBIO_STREX	19.23551073	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**7.659725823**
NOX_IDLEX	0.039940024	2.298693151	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.050736031**
NOX_RUNEX	0.28212113	2.439326555	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.855515005**
NOX_STREX	0.567665777	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.226048805**
PM10_IDLEX	0	0.027962289	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.000604189**
PM10_PMBW	0.076440022	0.076440022	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.076440022**
PM10_PMTW	0.008000002	0.012000003	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.00984455**
PM10_RUNEX	0.002387017	0.02965047	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.010022664**
PM10_STREX	0.000434904	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.000173182**
PM25_IDLEX	0	0.026752653	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.000578052**
PM25_PMBW	0.032760009	0.032760009	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.032760009**
PM25_PMTW	0.002000001	0.003000001	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.002461138**
PM25_RUNEX	0.002194774	0.028367804	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.009556962**
PM25_STREX	0.000399879	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.000159235**
ROG_DIURN	0.05021373	0.005392321	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.002177055**
ROG_HTSK	0.136324992	0.001613049	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.081677697**
ROG_IDLEX	0.457365808	0.109759705	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.014596088**
ROG_RESTL	0.027837494	0.001662243	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.001164116**
ROG_RUNEX	0.060375654	0.180403133	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.077535582**
ROG_RUNLS	0.969518226	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.576223118**
ROG_STREX	0.141891745	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.056502366**
SO2_IDLEX	0.001212637	0.001297641	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**6.04499E-05**
SO2_RUNEX	0.010124496	0.005340135	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.005305228**
SO2_STREX	0.000190351	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**7.57992E-05**
TOG_DIURN	0.05021373	0.005392321	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.002177055**
TOG_HTSK	0.136324992	0.001613049	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.081677697**
TOG_IDLEX	0.667387114	0.124954127	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.02053785**
TOG_RESTL	0.027837494	0.001662243	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.001164116**
TOG_RUNEX	0.088100013	0.205376973	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.095261097**
TOG_RUNLS	0.969518226	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.576223118**
TOG_STREX	0.1553536	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.061862978**
CH4_IDLEX	0.125182832	0.005098128	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.003456045**
CH4_RUNEX	0.012985187	0.008379381	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.007277058**
CH4_STREX	0.026256029	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.010455349**
CO_IDLEX	3.746398208	0.909745076	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.119790897**
CO_RUNEX	1.147892026	0.803820496	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.662782734**
CO_STREX	1.687334751	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.671909457**
CO2_NBIO_IDLEX	122.5404186	137.2642194	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**6.241168679**
CO2_NBIO_RUNEX	1023.193194	564.8786823	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**543.9378109**
CO2_NBIO_STREX	18.96482418	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**7.551936392**
NOX_IDLEX	0.039940024	2.298693151	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.050736031**
NOX_RUNEX	0.250858973	2.353384515	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.81767537**
NOX_STREX	0.525548609	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.20927743**
PM10_IDLEX	0	0.027962289	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.000604189**
PM10_PMBW	0.076440022	0.076440022	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.076440022**
PM10_PMTW	0.008000002	0.012000003	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.00984455**
PM10_RUNEX	0.002387017	0.02965047	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.010022664**
PM10_STREX	0.000434904	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.000173182**
PM25_IDLEX	0	0.026752653	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.000578052**
PM25_PMBW	0.032760009	0.032760009	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.032760009**
PM25_PMTW	0.002000001	0.003000001	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.002461138**
PM25_RUNEX	0.002194774	0.028367804	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.009556962**
PM25_STREX	0.000399879	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.000159235**
ROG_DIURN	0.129755603	0.055052995	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.006951724**
ROG_HTSK	0.158085555	0.004888026	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.095939391**
ROG_IDLEX	0.457365808	0.109759705	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.014596088**
ROG_RESTL	0.065926613	0.001662243	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.002683588**
ROG_RUNEX	0.06322392	0.180403133	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.078563915**
ROG_RUNLS	0.945860907	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.562162635**
ROG_STREX	0.132449243	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.05274229**
SO2_IDLEX	0.001212637	0.001297641	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**6.04499E-05**
SO2_RUNEX	0.010125326	0.005340135	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.005305528**
SO2_STREX	0.000187672	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**7.47325E-05**
TOG_DIURN	0.129755603	0.005392321	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.005350183**
TOG_HTSK	0.158085555	0.001613049	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.094610863**
TOG_IDLEX	0.667387114	0.124954127	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.02053785**
TOG_RESTL	0.065926613	0.001662243	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.002683588**
TOG_RUNEX	0.092256196	0.205376973	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.096761638**
TOG_RUNLS	0.945860907	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.562162635**
TOG_STREX	0.145015249	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.057746169**

CH4_IDLEX	0.124421725	0.005098128	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.003435702**
CH4_RUNEX	0.012030898	0.008379381	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.006932523**
CH4_STREX	0.029506538	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.011749727**
CO_IDLEX	3.746398208	0.909745076	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.119790897**
CO_RUNEX	1.067867645	0.803820496	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.633890867**
CO_STREX	1.981585113	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.789082176**
CO2_NBIO_IDLEX	122.5404186	137.2642194	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**6.241168679**
CO2_NBIO_RUNEX	1023.044511	564.8786823	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**543.8841306**
CO2_NBIO_STREX	19.49004121	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**7.761081785**
NOX_IDLEX	0.039940024	2.298693151	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.050736031**
NOX_RUNEX	0.30195381	2.47482963	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.873644453**
NOX_STREX	0.605904286	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.241275668**
PM10_IDLEX	0	0.027962289	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.000604189**
PM10_PMBW	0.076440022	0.076440022	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.076440022**
PM10_PMTW	0.008000002	0.012000003	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.00984455**
PM10_RUNEX	0.002387017	0.02965047	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.010022664**
PM10_STREX	0.000434904	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.000173182**
PM25_IDLEX	0	0.026752653	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.000578052**
PM25_PMBW	0.032760009	0.032760009	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.032760009**
PM25_PMTW	0.002000001	0.003000001	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.002461138**
PM25_RUNEX	0.002194774	0.028367804	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.009556962**
PM25_STREX	0.000399879	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.000159235**
ROG_DIURN	0.016829124	0.005392321	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.000845257**
ROG_HTSK	0.14973305	0.001613049	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.089646637**
ROG_IDLEX	0.457365808	0.109759705	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.014596088**
ROG_RESTL	0.011964872	0.001662243	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.000530916**
ROG_RUNEX	0.058159737	0.180403133	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.076735551**
ROG_RUNLS	1.076065671	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.639548488**
ROG_STREX	0.149969525	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.059718999**
SO2_IDLEX	0.001212637	0.001297641	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**6.04499E-05**
SO2_RUNEX	0.010123855	0.005340135	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.005304997**
SO2_STREX	0.00019287	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**7.68022E-05**
TOG_DIURN	0.016829124	0.005392321	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.000845257**
TOG_HTSK	0.14973305	0.001613049	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.089646637**
TOG_IDLEX	0.667387114	0.124954127	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.02053785**
TOG_RESTL	0.011964872	0.001662243	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.000530916**
TOG_RUNEX	0.084866552	0.205376973	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.094093694**
TOG_RUNLS	1.076065671	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.639548488**
TOG_STREX	0.164197753	0	0	10404.30043	8410.975714	0	365843.2103	313073.5378	0	155008.574	105799.4935	0	**0.065384787**

LHDT2 CalEEMod Emission Rate Worksheet

Percent Zero Emission: 33%

Vehicle Class: LHDT2

Adjustment Factor: 0.67

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
	Gas	DSL	ELEC	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	
CH4_IDLEX	0.124957841	0.005098128	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.00212022**
CH4_RUNEX	0.009687794	0.007552125	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.005484747**
CH4_STREX	0.02631543	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.006094805**
CO_IDLEX	3.755117425	0.909745076	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.09008185**
CO_RUNEX	0.819211682	0.725076379	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.504526385**
CO_STREX	1.79492735	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.415715488**
CO2_NBIO_IDLEX	140.6121856	219.246769	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**9.827083087**
CO2_NBIO_RUNEX	1164.490837	631.0420878	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**528.9107825**
CO2_NBIO_STREX	21.78745792	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**5.046100447**
NOX_IDLEX	0.039398833	2.258722918	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.079333477**
NOX_RUNEX	0.259950597	1.832279958	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.914862885**
NOX_STREX	0.556432212	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.128872898**
PM10_IDLEX	0	0.027832732	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.000970026**
PM10_PMBW	0.089180026	0.089180026	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.089180026**
PM10_PMTW	0.008000002	0.012000003	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.010812433**
PM10_RUNEX	0.002166152	0.02657967	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.01295209**
PM10_STREX	0.000367493	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**8.51136E-05**
PM25_IDLEX	0	0.0266287	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.000928063**
PM25_PMBW	0.038220011	0.038220011	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.038220011**
PM25_PMTW	0.002000001	0.003000001	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.002703108**
PM25_RUNEX	0.001991697	0.025429846	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.012375726**
PM25_STREX	0.000337897	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**7.82588E-05**
ROG_DIURN	0.041823566	0.005392321	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.001250902**
ROG_HTSK	0.116648875	0.001613049	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.041378658**
ROG_IDLEX	0.451512273	0.109759705	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.010844358**
ROG_RESTL	0.023562864	0.001662243	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.00063318**
ROG_RUNEX	0.044460175	0.162592811	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.08543847**
ROG_RUNLS	0.795581977	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.275016951**
ROG_STREX	0.131999873	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.030571929**
SO2_IDLEX	0.001391472	0.00207267	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**9.38679E-05**
SO2_RUNEX	0.011523581	0.005965617	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.005102543**
SO2_STREX	0.000215605	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**4.99353E-05**
TOG_DIURN	0.041823566	0.005392321	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.001250902**
TOG_HTSK	0.116648875	0.001613049	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.041378658**
TOG_IDLEX	0.658845649	0.124954127	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.014597028**
TOG_RESTL	0.023562864	0.001662243	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.00063318**
TOG_RUNEX	0.064876183	0.185101105	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.100102834**
TOG_RUNLS	0.795581977	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.275016951**
TOG_STREX	0.144523246	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.033472414**
CH4_IDLEX	0.125363543	0.005098128	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.002126527**
CH4_RUNEX	0.010055384	0.007552125	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.005557867**
CH4_STREX	0.024666621	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.005712931**
CO_IDLEX	3.755117425	0.909745076	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.09008185**
CO_RUNEX	0.849729263	0.725076379	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.510596882**
CO_STREX	1.649359946	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.382001241**
CO2_NBIO_IDLEX	140.6121856	219.246769	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**9.827083087**
CO2_NBIO_RUNEX	1164.546747	631.0420878	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**528.921904**
CO2_NBIO_STREX	21.52730514	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**4.98584757**
NOX_IDLEX	0.039398833	2.258722918	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.079333477**
NOX_RUNEX	0.23095116	1.767853766	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.878744357**
NOX_STREX	0.515157746	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.119313494**
PM10_IDLEX	0	0.027832732	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.000970026**
PM10_PMBW	0.089180026	0.089180026	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.089180026**
PM10_PMTW	0.008000002	0.012000003	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.010812433**
PM10_RUNEX	0.002166152	0.02657967	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.01295209**
PM10_STREX	0.000367493	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**8.51136E-05**
PM25_IDLEX	0	0.0266287	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.000928063**
PM25_PMBW	0.038220011	0.038220011	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.038220011**
PM25_PMTW	0.002000001	0.003000001	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.002703108**
PM25_RUNEX	0.001991697	0.025429846	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.012375726**
PM25_STREX	0.000337897	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**7.82588E-05**
ROG_DIURN	0.1076649	0.055052995	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.005361818**
ROG_HTSK	0.136013359	0.004888026	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.05021546**
ROG_IDLEX	0.451512273	0.109759705	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.010844358**
ROG_RESTL	0.055617589	0.001662243	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.001376924**
ROG_RUNEX	0.046208037	0.162592811	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.085786151**
ROG_RUNLS	0.775617812	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.268115734**
ROG_STREX	0.123235723	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.028542102**
SO2_IDLEX	0.001391472	0.00207267	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**9.38679E-05**
SO2_RUNEX	0.011524134	0.005965617	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.005102653**
SO2_STREX	0.00021303	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**4.9339E-05**
TOG_DIURN	0.1076649	0.005392321	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.002778574**
TOG_HTSK	0.136013359	0.001613049	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.048072577**
TOG_IDLEX	0.658845649	0.124954127	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.014597028**
TOG_RESTL	0.055617589	0.001662243	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.001376924**
TOG_RUNEX	0.067426659	0.185101105	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.100610169**
TOG_RUNLS	0.775617812	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.268115734**
TOG_STREX	0.134927605	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.031250009**

CH4_IDLEX	0.124618932	0.005098128	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.002114952**
CH4_RUNEX	0.009391226	0.007552125	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.005425754**
CH4_STREX	0.027714956	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.006418943**
CO_IDLEX	3.755117425	0.909745076	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.09008185**
CO_RUNEX	0.795523283	0.725076379	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.499814335**
CO_STREX	1.932869089	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.447663588**
CO2_NBIO_IDLEX	140.6121856	219.246769	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**9.827083087**
CO2_NBIO_RUNEX	1164.44726	631.0420878	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**528.9021143**
CO2_NBIO_STREX	22.03124992	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**5.102564076**
NOX_IDLEX	0.039398833	2.258722918	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.079333477**
NOX_RUNEX	0.278176214	1.858881178	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.931019644**
NOX_STREX	0.593936541	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.137559116**
PM10_IDLEX	0	0.027832732	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.000970026**
PM10_PMBW	0.089180026	0.089180026	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.089180026**
PM10_PMTW	0.008000002	0.012000003	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.010812433**
PM10_RUNEX	0.002166152	0.02657967	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.01295209**
PM10_STREX	0.000367493	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**8.51136E-05**
PM25_IDLEX	0	0.0266287	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.000928063**
PM25_PMBW	0.038220011	0.038220011	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.038220011**
PM25_PMTW	0.002000001	0.003000001	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.002703108**
PM25_RUNEX	0.001991697	0.025429846	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.012375726**
PM25_STREX	0.000337897	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**7.82588E-05**
ROG_DIURN	0.014471584	0.005392321	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.000616272**
ROG_HTSK	0.126202544	0.001613049	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.044681173**
ROG_IDLEX	0.451512273	0.109759705	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.010844358**
ROG_RESTL	0.010356141	0.001662243	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.000326753**
ROG_RUNEX	0.043062108	0.162592811	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.085160369**
ROG_RUNLS	0.886524301	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.306453914**
ROG_STREX	0.139490834	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.032306879**
SO2_IDLEX	0.001391472	0.00207267	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**9.38679E-05**
SO2_RUNEX	0.01152315	0.005965617	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.005102457**
SO2_STREX	0.000218017	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**5.0494E-05**
TOG_DIURN	0.014471584	0.005392321	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.000616272**
TOG_HTSK	0.126202544	0.001613049	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.044681173**
TOG_IDLEX	0.658845649	0.124954127	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.014597028**
TOG_RESTL	0.010356141	0.001662243	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.000326753**
TOG_RUNEX	0.062836127	0.185101105	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.09969703**
TOG_RUNLS	0.886524301	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.306453914**
TOG_STREX	0.152724906	0	0	1244.131091	2789.249048	0	44927.74586	106398.8434	0	18535.6995	35085.24415	0	**0.035371966**

MHDT CalEEMod Emission Rate Worksheet

Percent Zero Emission: 33%

Vehicle Class: MHDT

Adjustment Factor: 0.67

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
	Gas	DSL	ELEC	MHDT Gas	MHDT DSL	MHDT Elec	MHDT Gas	MHDT DSL	MHDT Elec	MHDT Gas	MHDT DSL	MHDT Elec	
CH4_IDLEX	0	0.006461452	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.000443272**
CH4_RUNEX	0	0.010370108	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.006947973**
CH4_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
CO_IDLEX	0	2.814790497	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.193101881**
CO_RUNEX	0	0.62511497	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.41882703**
CO_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
CO2_NBIO_IDLEX	0	1046.326179	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**71.78067183**
CO2_NBIO_RUNEX	0	1094.721819	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**733.4636186**
CO2_NBIO_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
NOX_IDLEX	0	10.1771227	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.69817684**
NOX_RUNEX	0	3.417579783	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**2.289778455**
NOX_STREX	0	1.32575792	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.888257806**
PM10_IDLEX	0	0.030845884	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.002116107**
PM10_PMBW	0	0.130340037	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.012000003**
PM10_RUNEX	0	0.093649181	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.062744951**
PM10_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
PM25_IDLEX	0	0.029511505	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.002024565**
PM25_PMBW	0	0.055860016	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.003000001**
PM25_RUNEX	0	0.089597959	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.060030632**
PM25_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
ROG_DIURN	0	0.016340367	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.00055213**
ROG_HTSK	0	0.004888026	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.001613049**
ROG_IDLEX	0	0.139113291	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.00954353**
ROG_RESTL	0	0.0050371	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.0001702**
ROG_RUNEX	0	0.223265592	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.149587947**
ROG_RUNLS	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
ROG_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
SO2_IDLEX	0	0.009885171	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.000678148**
SO2_RUNEX	0	0.010342389	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.006929401**
SO2_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
TOG_DIURN	0	0.016340367	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.00055213**
TOG_HTSK	0	0.004888026	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.001613049**
TOG_IDLEX	0	0.158369892	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.010864583**
TOG_RESTL	0	0.0050371	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.0001702**
TOG_RUNEX	0	0.254170881	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.17029449**
TOG_RUNLS	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
TOG_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
CH4_IDLEX	0	0.006333039	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.000434463**
CH4_RUNEX	0	0.010370108	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.006947973**
CH4_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
CO_IDLEX	0	2.542493305	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.174421592**
CO_RUNEX	0	0.62511497	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.41882703**
CO_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
CO2_NBIO_IDLEX	0	1065.720991	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**73.11120594**
CO2_NBIO_RUNEX	0	1094.721819	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**733.4636186**
CO2_NBIO_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
NOX_IDLEX	0	10.31148393	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.707394366**
NOX_RUNEX	0	3.290129314	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**2.20438664**
NOX_STREX	0	1.32575792	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.888257806**
PM10_IDLEX	0	0.02604289	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.001786609**
PM10_PMBW	0	0.130340037	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.012000003**
PM10_RUNEX	0	0.093649181	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.062744951**
PM10_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
PM25_IDLEX	0	0.024916286	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.001709321**
PM25_PMBW	0	0.055860016	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.003000001**
PM25_RUNEX	0	0.089597959	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.060030632**
PM25_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
ROG_DIURN	0	0.055052995	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.001860204**
ROG_HTSK	0	0.004888026	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.001613049**
ROG_IDLEX	0	0.136348584	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.009353864**
ROG_RESTL	0	0.026225054	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.000886127**
ROG_RUNEX	0	0.223265592	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.149587947**
ROG_RUNLS	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
ROG_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
SO2_IDLEX	0	0.010068403	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.000690718**
SO2_RUNEX	0	0.010342389	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.006929401**
SO2_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
TOG_DIURN	0	0.055052995	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.001860204**
TOG_HTSK	0	0.004888026	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.001613049**
TOG_IDLEX	0	0.155222484	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.010648662**
TOG_RESTL	0	0.026225054	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.000886127**
TOG_RUNEX	0	0.254170881	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.17029449**
TOG_RUNLS	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
TOG_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**

CH4_IDLEX	0	0.006638785	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.000455438**
CH4_RUNEX	0	0.010370108	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.006947973**
CH4_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
CO_IDLEX	0	3.190819951	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.21889847**
CO_RUNEX	0	0.62511497	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.41882703**
CO_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
CO2_NBIO_IDLEX	0	1019.542866	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**69.94326757**
CO2_NBIO_RUNEX	0	1094.721819	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**733.4636186**
CO2_NBIO_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
NOX_IDLEX	0	9.991576251	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.685447875**
NOX_RUNEX	0	3.469770947	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**2.324746535**
NOX_STREX	0	1.32575792	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.888257806**
PM10_IDLEX	0	0.037478591	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.002571128**
PM10_PMBW	0	0.130340037	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.012000003**
PM10_RUNEX	0	0.093649181	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.062744951**
PM10_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
PM25_IDLEX	0	0.035857284	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.002459902**
PM25_PMBW	0	0.055860016	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.003000001**
PM25_RUNEX	0	0.089597959	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.060030632**
PM25_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
ROG_DIURN	0	0.000728453	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**2.46139E-05**
ROG_HTSK	0	0.004888026	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.001613049**
ROG_IDLEX	0	0.142931219	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.00980545**
ROG_RESTL	0	8.57726E-05	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**2.8982E-06**
ROG_RUNEX	0	0.223265592	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.149587947**
ROG_RUNLS	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
ROG_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
SO2_IDLEX	0	0.009632135	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.000660789**
SO2_RUNEX	0	0.010342389	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.006929401**
SO2_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
TOG_DIURN	0	0.000728453	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**2.46139E-05**
TOG_HTSK	0	0.004888026	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.001613049**
TOG_IDLEX	0	0.162716313	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.011162758**
TOG_RESTL	0	8.57726E-05	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**2.8982E-06**
TOG_RUNEX	0	0.254170881	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.17029449**
TOG_RUNLS	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
TOG_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**

HHD CalEEMod Emission Rate Worksheet

Percent Zero Emission: 0%

Vehicle Class: HHDT

Adjustment Factor: 1

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	HHDT Gas	HHDT DSL	HHDT NG	HHDT Gas	HHDT DSL	HHDT NG	HHDT Gas	HHDT DSL	HHDT NG	Rate
CH4_IDLEX	0	0.214840829	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.020416049**
CH4_RUNEX	0	0.006461523	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.006461523**
CH4_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
CO_IDLEX	0	58.97115855	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**5.603953686**
CO_RUNEX	0	0.525792613	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.525792613**
CO_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
CO2_NBIO_IDLEX	0	11392.37696	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**1082.602995**
CO2_NBIO_RUNEX	0	1521.613561	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**1521.613561**
CO2_NBIO_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
NOX_IDLEX	0	62.48961716	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**5.938308303**
NOX_RUNEX	0	4.130703096	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**4.130703096**
NOX_STREX	0	1.899601069	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**1.899601069**
PM10_IDLEX	0	0.091914885	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.008734554**
PM10_PMBW	0	0.060765095	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.060765095**
PM10_PMTW	0	0.035431542	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.035431542**
PM10_RUNEX	0	0.062276156	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.062276156**
PM10_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
PM25_IDLEX	0	0.087938687	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.008356701**
PM25_PMBW	0	0.026042184	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.026042184**
PM25_PMTW	0	0.008857886	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.008857886**
PM25_RUNEX	0	0.059582117	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.059582117**
PM25_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
ROG_DIURN	0	0.016340367	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
ROG_HTSK	0	0.004888026	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
ROG_IDLEX	0	4.625464129	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.439551933**
ROG_RESTL	0	0.0050371	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
ROG_RUNEX	0	0.139114814	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.139114814**
ROG_RUNLS	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
ROG_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
SO2_IDLEX	0	0.107629529	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.010227896**
SO2_RUNEX	0	0.01437545	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.01437545**
SO2_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
TOG_DIURN	0	0.016340367	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
TOG_HTSK	0	0.004888026	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
TOG_IDLEX	0	5.265738814	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.500396417**
TOG_RESTL	0	0.0050371	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
TOG_RUNEX	0	0.158371627	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.158371627**
TOG_RUNLS	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
TOG_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
CH4_IDLEX	0	0.223623065	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.021250614**
CH4_RUNEX	0	0.006461523	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.006461523**
CH4_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
CO_IDLEX	0	57.52503852	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**5.466530752**
CO_RUNEX	0	0.525792613	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.525792613**
CO_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
CO2_NBIO_IDLEX	0	11370.35383	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**1080.510165**
CO2_NBIO_RUNEX	0	1521.613561	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**1521.613561**
CO2_NBIO_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
NOX_IDLEX	0	60.86242938	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**5.783678732**
NOX_RUNEX	0	3.981673293	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**3.981673293**
NOX_STREX	0	1.899601069	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**1.899601069**
PM10_IDLEX	0	0.085470125	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.008122117**
PM10_PMBW	0	0.060765095	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.060765095**
PM10_PMTW	0	0.035431542	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.035431542**
PM10_RUNEX	0	0.062276156	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.062276156**
PM10_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
PM25_IDLEX	0	0.081772726	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.007770757**
PM25_PMBW	0	0.026042184	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.026042184**
PM25_PMTW	0	0.008857886	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.008857886**
PM25_RUNEX	0	0.059582117	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.059582117**
PM25_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
ROG_DIURN	0	0.055052995	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
ROG_HTSK	0	0.004888026	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
ROG_IDLEX	0	4.814543269	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.457519882**
ROG_RESTL	0	0.026225054	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
ROG_RUNEX	0	0.139114814	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.139114814**
ROG_RUNLS	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
ROG_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
SO2_IDLEX	0	0.107421465	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.010208124**
SO2_RUNEX	0	0.01437545	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.01437545**
SO2_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
TOG_DIURN	0	0.055052995	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
TOG_HTSK	0	0.004888026	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
TOG_IDLEX	0	5.480991022	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.520851559**
TOG_RESTL	0	0.026225054	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
TOG_RUNEX	0	0.158371627	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.158371627**
TOG_RUNLS	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
TOG_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**

CH4_IDLEX	0	0.202712979	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.019263555**
CH4_RUNEX	0	0.006461523	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.006461523**
CH4_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
CO_IDLEX	0	60.96818145	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**5.793728215**
CO_RUNEX	0	0.525792613	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.525792613**
CO_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
CO2_NBIO_IDLEX	0	11422.78986	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**1085.493094**
CO2_NBIO_RUNEX	0	1521.613561	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**1521.613561**
CO2_NBIO_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
NOX_IDLEX	0	64.736686	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**6.151844377**
NOX_RUNEX	0	4.194922729	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**4.194922729**
NOX_STREX	0	1.899601069	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**1.899601069**
PM10_IDLEX	0	0.10081479	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.0095803**
PM10_PMBW	0	0.060765095	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.060765095**
PM10_PMTW	0	0.035431542	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.035431542**
PM10_RUNEX	0	0.062276156	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.062276156**
PM10_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
PM25_IDLEX	0	0.096453587	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.009165861**
PM25_PMBW	0	0.026042184	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.026042184**
PM25_PMTW	0	0.008857886	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.008857886**
PM25_RUNEX	0	0.059582117	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.059582117**
PM25_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
ROG_DIURN	0	0.000728453	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
ROG_HTSK	0	0.004888026	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
ROG_IDLEX	0	4.364354841	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.414739052**
ROG_RESTL	0	8.57726E-05	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
ROG_RUNEX	0	0.139114814	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.139114814**
ROG_RUNLS	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
ROG_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
SO2_IDLEX	0	0.107916855	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.010255201**
SO2_RUNEX	0	0.01437545	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.01437545**
SO2_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
TOG_DIURN	0	0.000728453	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
TOG_HTSK	0	0.004888026	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
TOG_IDLEX	0	4.968485766	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.47214884**
TOG_RESTL	0	8.57726E-05	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
TOG_RUNEX	0	0.158371627	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.158371627**
TOG_RUNLS	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
TOG_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**

OBUS CalEEMod Emission Rate Worksheet

Percent Zero Emission: 33%

Vehicle Class: OBUS

Adjustment Factor: 0.67

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	OBUS Gas	OBUS DSL	OBUS NG	OBUS Gas	OBUS DSL	OBUS NG	OBUS Gas	OBUS DSL	OBUS NG	Rate
CH4_IDLEX	0	0.063995683	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.004353572**
CH4_RUNEX	0	0.011243752	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.007533314**
CH4_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
CO_IDLEX	0	14.75990812	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**1.004103927**
CO_RUNEX	0	0.717793197	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.480921442**
CO_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
CO2_NBIO_IDLEX	0	3071.179118	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**208.929689**
CO2_NBIO_RUNEX	0	1285.726894	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**861.4370188**
CO2_NBIO_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
NOX_IDLEX	0	23.20357137	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**1.578519118**
NOX_RUNEX	0	3.842155069	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**2.574243896**
NOX_STREX	0	1.558666014	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**1.04430623**
PM10_IDLEX	0	0.095690617	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.006509751**
PM10_PMBW	0	0.130340037	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.012000003**
PM10_RUNEX	0	0.09692033	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.064936621**
PM10_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
PM25_IDLEX	0	0.091551084	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.006228142**
PM25_PMBW	0	0.055860016	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.003000001**
PM25_RUNEX	0	0.092727599	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.062127492**
PM25_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
ROG_DIURN	0	0.016340367	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.000547515**
ROG_HTSK	0	0.004888026	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.001613049**
ROG_IDLEX	0	1.377809504	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.093731202**
ROG_RESTL	0	0.0050371	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.000168778**
ROG_RUNEX	0	0.2420749	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.162190183**
ROG_RUNLS	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
ROG_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
SO2_IDLEX	0	0.029014977	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.001973864**
SO2_RUNEX	0	0.01214691	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.00813843**
SO2_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
TOG_DIURN	0	0.016340367	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.000547515**
TOG_HTSK	0	0.004888026	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.001613049**
TOG_IDLEX	0	1.56853124	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.106705839**
TOG_RESTL	0	0.0050371	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.000168778**
TOG_RUNEX	0	0.275583847	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.184641177**
TOG_RUNLS	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
TOG_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
CH4_IDLEX	0	0.064046337	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.004357018**
CH4_RUNEX	0	0.011243752	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.007533314**
CH4_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
CO_IDLEX	0	13.6071441	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.925682377**
CO_RUNEX	0	0.717793197	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.480921442**
CO_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
CO2_NBIO_IDLEX	0	3098.208498	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**210.7684746**
CO2_NBIO_RUNEX	0	1285.726894	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**861.4370188**
CO2_NBIO_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
NOX_IDLEX	0	23.21631053	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**1.579385752**
NOX_RUNEX	0	3.700959827	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**2.479643084**
NOX_STREX	0	1.558666014	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**1.04430623**
PM10_IDLEX	0	0.08085075	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.005500207**
PM10_PMBW	0	0.130340037	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.012000003**
PM10_RUNEX	0	0.09692033	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.064936621**
PM10_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
PM25_IDLEX	0	0.077353183	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.005262271**
PM25_PMBW	0	0.055860016	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.003000001**
PM25_RUNEX	0	0.092727599	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.062127492**
PM25_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
ROG_DIURN	0	0.055052995	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.001844655**
ROG_HTSK	0	0.004888026	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.001613049**
ROG_IDLEX	0	1.378900077	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.093805393**
ROG_RESTL	0	0.026225054	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.00087872**
ROG_RUNEX	0	0.2420749	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.162190183**
ROG_RUNLS	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
ROG_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
SO2_IDLEX	0	0.029270338	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.001991236**
SO2_RUNEX	0	0.01214691	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.00813843**
SO2_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
TOG_DIURN	0	0.055052995	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.001844655**
TOG_HTSK	0	0.004888026	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.001613049**
TOG_IDLEX	0	1.569772774	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.106790299**
TOG_RESTL	0	0.026225054	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.00087872**
TOG_RUNEX	0	0.275583847	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.184641177**
TOG_RUNLS	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
TOG_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**

CH4_IDLEX	0	0.063925732	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.004348813**
CH4_RUNEX	0	0.011243752	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.007533314**
CH4_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
CO_IDLEX	0	16.35182034	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**1.112400354**
CO_RUNEX	0	0.717793197	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.480921442**
CO_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
CO2_NBIO_IDLEX	0	3033.852831	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**206.3904136**
CO2_NBIO_RUNEX	0	1285.726894	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**861.4370188**
CO2_NBIO_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
NOX_IDLEX	0	23.1859792	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**1.577322337**
NOX_RUNEX	0	3.900968651	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**2.613648996**
NOX_STREX	0	1.558666014	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**1.04430623**
PM10_IDLEX	0	0.116183767	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.007903882**
PM10_PMBW	0	0.130340037	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.012000003**
PM10_RUNEX	0	0.09692033	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.064936621**
PM10_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
PM25_IDLEX	0	0.111157709	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.007561964**
PM25_PMBW	0	0.055860016	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.003000001**
PM25_RUNEX	0	0.092727599	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.062127492**
PM25_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
ROG_DIURN	0	0.000728453	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**2.44082E-05**
ROG_HTSK	0	0.004888026	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.001613049**
ROG_IDLEX	0	1.376303475	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.093628748**
ROG_RESTL	0	8.57726E-05	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**2.87397E-06**
ROG_RUNEX	0	0.2420749	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.162190183**
ROG_RUNLS	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
ROG_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
SO2_IDLEX	0	0.028662337	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.001949874**
SO2_RUNEX	0	0.01214691	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.00813843**
SO2_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
TOG_DIURN	0	0.000728453	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**2.44082E-05**
TOG_HTSK	0	0.004888026	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.001613049**
TOG_IDLEX	0	1.566816741	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.106589203**
TOG_RESTL	0	8.57726E-05	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**2.87397E-06**
TOG_RUNEX	0	0.275583847	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.184641177**
TOG_RUNLS	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
TOG_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**

UBUS CalEEMod Emission Rate Worksheet

Percent Zero Emission: 33%

Vehicle Class: UBUS

Adjustment Factor: 0.67

Pollutant	Emission Rates				Population				VMT				Trips				CalEEMod Emission
	Gas	DSL	ELEC	NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	Rate
CH4_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
CH4_RUNEX	0	0.161494389	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.108201241**
CH4_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
CO_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
CO_RUNEX	0	0.265314536	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.177760739**
CO_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
CO2_NBIO_RUNEX	0	1690.645799	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**1132.732685**
CO2_NBIO_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
NOX_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
NOX_RUNEX	0	2.366730285	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**1.585709291**
NOX_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
PM10_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
PM10_PMBW	0	0.076207364	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.076207364**
PM10_PMTW	0	0.030938567	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.030938567**
PM10_RUNEX	0	0.00702599	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.004707413**
PM10_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
PM25_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
PM25_PMBW	0	0.032660299	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.032660299**
PM25_PMTW	0	0.007734642	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.007734642**
PM25_RUNEX	0	0.006722049	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.004503773**
PM25_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
ROG_DIURN	0	0.016340367	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.005392321**
ROG_HTSK	0	0.004888026	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.001613049**
ROG_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
ROG_RESTL	0	0.0050371	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.000415561**
ROG_RUNEX	0	0.002307436	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.001545982**
ROG_RUNLS	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
ROG_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
SO2_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
SO2_RUNEX	0	0.015982683	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.010708397**
SO2_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
TOG_DIURN	0	0.016340367	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.005392321**
TOG_HTSK	0	0.004888026	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.001613049**
TOG_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
TOG_RESTL	0	0.0050371	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.000415561**
TOG_RUNEX	0	0.16481687	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.110427303**
TOG_RUNLS	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
TOG_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
CH4_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
CH4_RUNEX	0	0.161494389	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.108201241**
CH4_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
CO_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
CO_RUNEX	0	0.265314536	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.177760739**
CO_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
CO2_NBIO_RUNEX	0	1690.645799	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**1132.732685**
CO2_NBIO_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
NOX_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
NOX_RUNEX	0	2.366730285	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**1.585709291**
NOX_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
PM10_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
PM10_PMBW	0	0.076207364	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.076207364**
PM10_PMTW	0	0.030938567	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.030938567**
PM10_RUNEX	0	0.00702599	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.004707413**
PM10_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
PM25_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
PM25_PMBW	0	0.032660299	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.032660299**
PM25_PMTW	0	0.007734642	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.007734642**
PM25_RUNEX	0	0.006722049	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.004503773**
PM25_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
ROG_DIURN	0	0.055052995	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.018167489**
ROG_HTSK	0	0.004888026	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.001613049**
ROG_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
ROG_RESTL	0	0.026225054	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.002163567**
ROG_RUNEX	0	0.002307436	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.001545982**
ROG_RUNLS	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
ROG_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
SO2_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
SO2_RUNEX	0	0.015982683	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.010708397**
SO2_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
TOG_DIURN	0	0.055052995	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.018167489**
TOG_HTSK	0	0.004888026	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.001613049**
TOG_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
TOG_RESTL	0	0.026225054	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.002163567**
TOG_RUNEX	0	0.16481687	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.110427303**
TOG_RUNLS	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
TOG_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**

CH4_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
CH4_RUNEX	0	0.161494389	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.108201241**
CH4_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
CO_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
CO_RUNEX	0	0.265314536	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.177760739**
CO_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
CO2_NBIO_RUNEX	0	1690.645799	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**1132.732685**
CO2_NBIO_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
NOX_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
NOX_RUNEX	0	2.366730285	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**1.585709291**
NOX_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
PM10_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
PM10_PMBW	0	0.076207364	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.076207364**
PM10_PMTW	0	0.030938567	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.030938567**
PM10_RUNEX	0	0.00702599	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.004707413**
PM10_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
PM25_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
PM25_PMBW	0	0.032660299	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.032660299**
PM25_PMTW	0	0.007734642	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.007734642**
PM25_RUNEX	0	0.006722049	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.004503773**
PM25_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
ROG_DIURN	0	0.000728453	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.000240389**
ROG_HTSK	0	0.004888026	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.001613049**
ROG_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
ROG_RESTL	0	8.57726E-05	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**7.07624E-06**
ROG_RUNEX	0	0.002307436	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.001545982**
ROG_RUNLS	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
ROG_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
SO2_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
SO2_RUNEX	0	0.015982683	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.010708397**
SO2_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
TOG_DIURN	0	0.000728453	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.000240389**
TOG_HTSK	0	0.004888026	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.001613049**
TOG_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
TOG_RESTL	0	8.57726E-05	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**7.07624E-06**
TOG_RUNEX	0	0.16481687	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.110427303**
TOG_RUNLS	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
TOG_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**

MCY CalEEMod Emission Rate Worksheet

Vehicle Class: MCY

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	MCY Gas	MCY DSL	MCY NG	MCY Gas	MCY DSL	MCY NG	MCY Gas	MCY DSL	MCY NG	Rate
CH4_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**

CH4_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**

SBUS CalEEMod Emission Rate Worksheet

Percent Zero Emission: 33%

Vehicle Class: SBUS

Adjustment Factor: 0.67

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	SBUS Gas	SBUS DSL	SBUS NG	SBUS Gas	SBUS DSL	SBUS NG	SBUS Gas	SBUS DSL	SBUS NG	Rate
CH4_IDLEX	0	0.012730496	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.000739128**
CH4_RUNEX	0	0.002578142	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.001727355**
CH4_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
CO_IDLEX	0	8.257938682	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.479452807**
CO_RUNEX	0	0.179265314	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.12010776**
CO_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
CO2_NBIO_IDLEX	0	3518.002898	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**204.2539221**
CO2_NBIO_RUNEX	0	1060.655941	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**710.6394804**
CO2_NBIO_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
NOX_IDLEX	0	30.1800886	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**1.752244567**
NOX_RUNEX	0	3.751403255	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**2.513440181**
NOX_STREX	0	1.38023972	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.924760613**
PM10_IDLEX	0	0.024644977	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.001430878**
PM10_PMBW	0	0.744800213	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.744800213**
PM10_PMTW	0	0.012000003	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.012000003**
PM10_RUNEX	0	0.022203122	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.014876092**
PM10_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
PM25_IDLEX	0	0.023578846	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.001368979**
PM25_PMBW	0	0.319200091	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.319200091**
PM25_PMTW	0	0.003000001	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.003000001**
PM25_RUNEX	0	0.021242625	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.014232559**
PM25_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
ROG_DIURN	0	0.016340367	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.000467278**
ROG_HTSK	0	0.004888026	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.001613049**
ROG_IDLEX	0	0.274084082	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.015913218**
ROG_RESTL	0	0.0050371	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.000144044**
ROG_RUNEX	0	0.055506684	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.037189478**
ROG_RUNLS	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
ROG_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
SO2_IDLEX	0	0.033236347	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.00192969**
SO2_RUNEX	0	0.010020551	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.006713769**
SO2_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
TOG_DIURN	0	0.016340367	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.000467278**
TOG_HTSK	0	0.004888026	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.001613049**
TOG_IDLEX	0	0.312023864	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.018115988**
TOG_RESTL	0	0.0050371	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.000144044**
TOG_RUNEX	0	0.063190135	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.04233739**
TOG_RUNLS	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
TOG_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
CH4_IDLEX	0	0.012962773	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.000752614**
CH4_RUNEX	0	0.002578142	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.001727355**
CH4_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
CO_IDLEX	0	7.90296131	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.458842954**
CO_RUNEX	0	0.179265314	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.12010776**
CO_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
CO2_NBIO_IDLEX	0	3568.629345	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**207.1932745**
CO2_NBIO_RUNEX	0	1060.655941	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**710.6394804**
CO2_NBIO_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
NOX_IDLEX	0	30.38335327	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**1.764046037**
NOX_RUNEX	0	3.606782496	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**2.416544273**
NOX_STREX	0	1.38023972	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.924760613**
PM10_IDLEX	0	0.020911785	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.00121413**
PM10_PMBW	0	0.744800213	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.744800213**
PM10_PMTW	0	0.012000003	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.012000003**
PM10_RUNEX	0	0.022203122	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.014876092**
PM10_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
PM25_IDLEX	0	0.020007151	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.001161608**
PM25_PMBW	0	0.319200091	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.319200091**
PM25_PMTW	0	0.003000001	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.003000001**
PM25_RUNEX	0	0.021242625	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.014232559**
PM25_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
ROG_DIURN	0	0.055052995	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.001574325**
ROG_HTSK	0	0.004888026	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.001613049**
ROG_IDLEX	0	0.279084946	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.016203567**
ROG_RESTL	0	0.026225054	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.000749946**
ROG_RUNEX	0	0.055506684	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.037189478**
ROG_RUNLS	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
ROG_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
SO2_IDLEX	0	0.033714641	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.001957459**
SO2_RUNEX	0	0.010020551	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.006713769**
SO2_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
TOG_DIURN	0	0.055052995	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.001574325**
TOG_HTSK	0	0.004888026	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.001613049**
TOG_IDLEX	0	0.317716967	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.018446527**
TOG_RESTL	0	0.026225054	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.000749946**
TOG_RUNEX	0	0.063190135	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.04233739**
TOG_RUNLS	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
TOG_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**

CH4_IDLEX	0	0.012409732	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.000720504**
CH4_RUNEX	0	0.002578142	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.001727355**
CH4_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
CO_IDLEX	0	8.748145529	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.507914032**
CO_RUNEX	0	0.179265314	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.12010776**
CO_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
CO2_NBIO_IDLEX	0	3448.090186	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**200.1948163**
CO2_NBIO_RUNEX	0	1060.655941	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**710.6394804**
CO2_NBIO_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
NOX_IDLEX	0	29.89938976	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**1.735947298**
NOX_RUNEX	0	3.811180299	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**2.5534908**
NOX_STREX	0	1.38023972	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.924760613**
PM10_IDLEX	0	0.029800336	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.001730196**
PM10_PMBW	0	0.744800213	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.744800213**
PM10_PMTW	0	0.012000003	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.012000003**
PM10_RUNEX	0	0.022203122	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.014876092**
PM10_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
PM25_IDLEX	0	0.028511187	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.001655349**
PM25_PMBW	0	0.319200091	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.319200091**
PM25_PMTW	0	0.003000001	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.003000001**
PM25_RUNEX	0	0.021242625	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.014232559**
PM25_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
ROG_DIURN	0	0.000728453	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**2.08312E-05**
ROG_HTSK	0	0.004888026	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.001613049**
ROG_IDLEX	0	0.267178128	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.015512261**
ROG_RESTL	0	8.57726E-05	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**2.4528E-06**
ROG_RUNEX	0	0.055506684	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.037189478**
ROG_RUNLS	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
ROG_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
SO2_IDLEX	0	0.032575846	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.001891341**
SO2_RUNEX	0	0.010020551	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.006713769**
SO2_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
TOG_DIURN	0	0.000728453	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**2.08312E-05**
TOG_HTSK	0	0.004888026	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.001613049**
TOG_IDLEX	0	0.30416196	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.017659529**
TOG_RESTL	0	8.57726E-05	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**2.4528E-06**
TOG_RUNEX	0	0.063190135	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.04233739**
TOG_RUNLS	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
TOG_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**

MH CalEEMod Emission Rate Worksheet

Percent Zero Emission: 33%

Vehicle Class: MH

Adjustment Factor: 0.67

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	MH Gas	MH DSL	MH NG	MH Gas	MH DSL	MH NG	MH Gas	MH DSL	MH NG	Rate
CH4_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
CH4_RUNEX	0.00565475	0.00565475	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.003788682**
CH4_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
CO_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
CO_RUNEX	0.446590526	0.446590526	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.299215652**
CO_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
CO2_NBIO_RUNEX	1042.53066	1042.53066	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**698.4955419**
CO2_NBIO_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
NOX_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
NOX_RUNEX	4.797686458	4.797686458	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**3.214449927**
NOX_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
PM10_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.016000005**
PM10_RUNEX	0.11963688	0.11963688	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.080156709**
PM10_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
PM25_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.004000001**
PM25_RUNEX	0.114461441	0.114461441	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.076689166**
PM25_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
ROG_DIURN	0.016340367	0.016340367	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.05392321**
ROG_HTSK	0.004888026	0.004888026	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.001613049**
ROG_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
ROG_RESTL	0.0050371	0.0050371	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.016622431**
ROG_RUNEX	0.121743428	0.121743428	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.081568097**
ROG_RUNLS	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
ROG_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
SO2_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
SO2_RUNEX	0.009855664	0.009855664	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.006603295**
SO2_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
TOG_DIURN	0.016340367	0.016340367	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.05392321**
TOG_HTSK	0.004888026	0.004888026	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.001613049**
TOG_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
TOG_RESTL	0.0050371	0.0050371	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.016622431**
TOG_RUNEX	0.138596799	0.138596799	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.092859855**
TOG_RUNLS	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
TOG_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
CH4_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
CH4_RUNEX	0.00565475	0.00565475	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.003788682**
CH4_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
CO_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
CO_RUNEX	0.446590526	0.446590526	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.299215652**
CO_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
CO2_NBIO_RUNEX	1042.53066	1042.53066	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**698.4955419**
CO2_NBIO_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
NOX_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
NOX_RUNEX	4.618465803	4.618465803	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**3.094372088**
NOX_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
PM10_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.016000005**
PM10_RUNEX	0.11963688	0.11963688	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.080156709**
PM10_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
PM25_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.004000001**
PM25_RUNEX	0.114461441	0.114461441	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.076689166**
PM25_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
ROG_DIURN	0.055052995	0.055052995	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.181674885**
ROG_HTSK	0.004888026	0.004888026	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.001613049**
ROG_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
ROG_RESTL	0.026225054	0.026225054	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.086542679**
ROG_RUNEX	0.121743428	0.121743428	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.081568097**
ROG_RUNLS	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
ROG_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
SO2_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
SO2_RUNEX	0.009855664	0.009855664	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.006603295**
SO2_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
TOG_DIURN	0.055052995	0.055052995	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.181674885**
TOG_HTSK	0.004888026	0.004888026	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.001613049**
TOG_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
TOG_RESTL	0.026225054	0.026225054	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.086542679**
TOG_RUNEX	0.138596799	0.138596799	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.092859855**
TOG_RUNLS	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
TOG_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**

CH4_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
CH4_RUNEX	0.00565475	0.00565475	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.003788682**
CH4_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
CO_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
CO_RUNEX	0.446590526	0.446590526	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.299215652**
CO_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
CO2_NBIO_RUNEX	1042.53066	1042.53066	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**698.4955419**
CO2_NBIO_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
NOX_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
NOX_RUNEX	4.871013675	4.871013675	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**3.263579163**
NOX_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
PM10_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.016000005**
PM10_RUNEX	0.11963688	0.11963688	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.080156709**
PM10_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
PM25_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.004000001**
PM25_RUNEX	0.114461441	0.114461441	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.076689166**
PM25_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
ROG_DIURN	0.000728453	0.000728453	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.002403894**
ROG_HTSK	0.004888026	0.004888026	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.001613049**
ROG_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
ROG_RESTL	8.57726E-05	8.57726E-05	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.00028305**
ROG_RUNEX	0.121743428	0.121743428	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.081568097**
ROG_RUNLS	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
ROG_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
SO2_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
SO2_RUNEX	0.009855664	0.009855664	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.006603295**
SO2_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
TOG_DIURN	0.000728453	0.000728453	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.002403894**
TOG_HTSK	0.004888026	0.004888026	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.001613049**
TOG_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
TOG_RESTL	8.57726E-05	8.57726E-05	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.00028305**
TOG_RUNEX	0.138596799	0.138596799	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.092859855**
TOG_RUNLS	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
TOG_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**

EMFAC2017 Derived CalEEMod Annual Emission Rates: Scenario 4 Year 2023[1,2] - Delivery Vehicles

Season	Pollutant	LDA	LDT1	LDT2	MDV	LHDT1	LHDT2	MHDT	HHDT	OBUS	UBUS	MCY	SBUS	MH
Annual	CH4_IDLEX	0	0	0	0	0.0017126	0.001042295	0.000152398	0.020110922	0.0015068	0	0	0.0003825	0
Annual	CH4_RUNEX	0.0005725	0.0028632	0.0002151	0.0001682	0.0031882	0.002537627	0.000200511	0.001117985	0.0002162	0.0526854	0	0.0007792	0.0018933
Annual	CH4_STREX	0	0	0	0	0.0051236	0.00273981	0	0	0	0	0	0	0
Annual	CO_IDLEX	0	0	0	0	0.0619339	0.046540342	0.108943292	6.310997185	0.5176292	0	0	0.267826	0
Annual	CO_RUNEX	0.1957606	0.4101612	0.0431042	0.0659747	0.2923455	0.234225982	0.040756737	0.234644381	0.0509621	0.0870956	0	0.0580952	0.1471532
Annual	CO_STREX	0	0	0	0	0.3580239	0.198672749	0	0	0	0	0	0	0
Annual	CO2_NBIO_IDLEX	0	0	0	0	3.2158316	5.055558047	37.34418283	1057.884182	98.413919	0	0	103.53232	0
Annual	CO2_NBIO_RUNEX	202.39894	147.18039	96.945903	127.70726	276.25003	268.3551568	357.1606808	1405.952498	425.07929	585.72894	0	359.04265	357.952
Annual	CO2_NBIO_STREX	0	0	0	0	3.8660056	2.519631062	0	0	0	0	0	0	0
Annual	NOX_IDLEX	0	0	0	0	0.0251264	0.038346094	0.257127636	5.397047817	0.447335	0	0	0.8311315	0
Annual	NOX_RUNEX	0.0650907	0.3765461	0.0123484	0.0152	0.3668836	0.383778227	0.580678394	2.675843754	0.6583775	0.747928	0	1.1318596	1.5645197
Annual	NOX_STREX[3]	0	0	0	0	0.1094736	0.061313945	0.74504755	2.390917071	0.7735658	0	0	0.5331919	0
Annual	PM10_IDLEX	0	0	0	0	0.0003217	0.000512985	0.000262343	0.002681953	0.0001522	0	0	0.0006024	0
Annual	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060810527	0.13034	0.0755456	0	0.7448002	0.13034
Annual	PM10_PMTW	0.008	0.008	0.008	0.008	0.0098841	0.01083315	0.012000003	0.035458033	0.012	0.0311701	0	0.012	0.016
Annual	PM10_RUNEX	0.0061358	0.0456454	0.0015753	0.0016073	0.0046933	0.006260249	0.002856681	0.024932466	0.0042962	0.0023779	0	0.006747	0.0374339
Annual	PM10_STREX	0	0	0	0	8.386E-05	4.03819E-05	0	0	0	0	0	0	0
Annual	PM25_IDLEX	0	0	0	0	0.0003078	0.000490793	0.000250994	0.002565933	0.0001456	0	0	0.0005764	0
Annual	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.026061654	0.05586	0.0323767	0	0.3192001	0.05586
Annual	PM25_PMTW	0.002	0.002	0.002	0.002	0.002471	0.002708287	0.003000001	0.008864508	0.003	0.0077925	0	0.003	0.004
Annual	PM25_RUNEX	0.0058704	0.0436708	0.0015071	0.0015377	0.0044742	0.005981405	0.002733102	0.023853898	0.0041103	0.0022751	0	0.0064551	0.0358145
Annual	PM25_STREX	0	0	0	0	7.711E-05	3.71296E-05	0	0	0	0	0	0	0
Annual	ROG_DIURN	0.0034871	0.0032013	0.0021826	0.0022055	0.0022063	0.00141567	0.001112632	0	0.0010903	0.0106212	0	0.0009204	0.1062124
Annual	ROG_HTSK	0.004888	0.0031772	0.0031772	0.0031772	0.0767265	0.037856372	0.003177217	0	0.0031772	0.0031772	0	0.0031772	0.0031772
Annual	ROG_IDLEX	0	0	0	0	0.0072571	0.005401721	0.003281089	0.432982646	0.0324405	0	0	0.0082351	0
Annual	ROG_RESTL	0.0010749	0.0009868	0.0006728	0.0006799	0.0011604	0.000673554	0.000342981	0	0.0003361	0.0008185	0	0.0002837	0.0327412
Annual	ROG_RUNEX	0.0123251	0.0616425	0.0046304	0.0036217	0.0370151	0.041764856	0.004316946	0.024069917	0.0046544	0.0007528	0	0.016775	0.040762
Annual	ROG_RUNLS	0	0	0	0	0.5363571	0.231576627	0	0	0	0	0	0	0
Annual	ROG_STREX	0	0	0	0	0.025822	0.013590355	0	0	0	0	0	0	0
Annual	SO2_IDLEX	0	0	0	0	3.113E-05	4.82767E-05	0.000352809	0.009994365	0.0009298	0	0	0.0009781	0
Annual	SO2_RUNEX	0.0019134	0.0013914	0.0009165	0.0012073	0.0026936	0.002588312	0.003374277	0.013282742	0.0040159	0.0055372	0	0.0033921	0.0033839
Annual	SO2_STREX	0	0	0	0	3.826E-05	2.49338E-05	0	0	0	0	0	0	0
Annual	TOG_DIURN	0.0034871	0.0032013	0.0021826	0.0022055	0.0022063	0.00141567	0.001112632	0	0.0010903	0.0106212	0	0.0009204	0.1062124
Annual	TOG_HTSK	0.004888	0.0031772	0.0031772	0.0031772	0.0767265	0.037856372	0.003177217	0	0.0031772	0.0031772	0	0.0031772	0.0031772
Annual	TOG_IDLEX	0	0	0	0	0.0101808	0.007232258	0.00373527	0.492917783	0.036931	0	0	0.009375	0
Annual	TOG_RESTL	0.0010749	0.0009868	0.0006728	0.0006799	0.0011604	0.000673554	0.000342981	0	0.0003361	0.0008185	0	0.0002837	0.0327412
Annual	TOG_RUNEX	0.0140314	0.0701759	0.0052714	0.0041231	0.0405897	0.048623628	0.004914515	0.027401769	0.0052987	0.0537693	0	0.019097	0.0464048
Annual	TOG_RUNLS	0	0	0	0	0.5363571	0.231576627	0	0	0	0	0	0	0
Annual	TOG_STREX	0	0	0	0	0.0282718	0.014879728	0	0	0	0	0	0	0
Summer	CH4_IDLEX	0	0	0	0	0.0017182	0.001045433	0.000157217	0.021268505	0.0015971	0	0	0.0003929	0
Summer	CH4_RUNEX	0.0005725	0.0028632	0.0002151	0.0001682	0.0032678	0.002566241	0.000200511	0.001117985	0.0002162	0.0526854	0	0.0007792	0.0018933
Summer	CH4_STREX	0	0	0	0	0.0048032	0.002568936	0	0	0	0	0	0	0
Summer	CO_IDLEX	0	0	0	0	0.0619339	0.046540342	0.105815273	6.221220698	0.5108951	0	0	0.2582533	0

Summer	CO_RUNEX	0.1957606	0.4101612	0.0431042	0.0659747	0.299094	0.236532865	0.040756737	0.234644381	0.0509621	0.0870956	0	0.0580952	0.1471532
Summer	CO_STREX	0	0	0	0	0.3289468	0.182742327	0	0	0	0	0	0	0
Summer	CO2_NBIO_IDLEX	0	0	0	0	3.2158316	5.055558047	37.35062965	1045.984678	97.08988	0	0	104.53648	0
Summer	CO2_NBIO_RUNEX	202.39894	147.18039	96.945903	127.70726	276.26252	268.359374	357.1606808	1405.952498	425.07929	585.72894	0	359.04265	357.952
Summer	CO2_NBIO_STREX	0	0	0	0	3.8141607	2.491359096	0	0	0	0	0	0	0
Summer	NOX_IDLEX	0	0	0	0	0.0251264	0.038346094	0.254077879	5.160417992	0.4249392	0	0	0.8315797	0
Summer	NOX_RUNEX	0.0626088	0.3622029	0.0118768	0.0146201	0.3508227	0.368778292	0.558956963	2.57915047	0.6341318	0.747928	0	1.0882212	1.5060524
Summer	NOX_STREX[3]	0	0	0	0	0.1013528	0.056766623	0.74504755	2.390917071	0.7735658	0	0	0.5331919	0
Summer	PM10_IDLEX	0	0	0	0	0.0003217	0.000512985	0.000222874	0.002343975	0.0001353	0	0	0.0005122	0
Summer	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060810527	0.13034	0.0755456	0	0.7448002	0.13034
Summer	PM10_PMTW	0.008	0.008	0.008	0.008	0.0098841	0.01083315	0.012000003	0.035458033	0.012	0.0311701	0	0.012	0.016
Summer	PM10_RUNEX	0.0061358	0.0456454	0.0015753	0.0016073	0.0046933	0.006260249	0.002856681	0.024932466	0.0042962	0.0023779	0	0.006747	0.0374339
Summer	PM10_STREX	0	0	0	0	8.386E-05	4.03819E-05	0	0	0	0	0	0	0
Summer	PM25_IDLEX	0	0	0	0	0.0003078	0.000490793	0.000213232	0.002242576	0.0001294	0	0	0.00049	0
Summer	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.026061654	0.05586	0.0323767	0	0.3192001	0.05586
Summer	PM25_PMTW	0.002	0.002	0.002	0.002	0.002471	0.002708287	0.003000001	0.008864508	0.003	0.0077925	0	0.003	0.004
Summer	PM25_RUNEX	0.0058704	0.0436708	0.0015071	0.0015377	0.0044742	0.005981405	0.002733102	0.023853898	0.0041103	0.0022751	0	0.0064551	0.0358145
Summer	PM25_STREX	0	0	0	0	7.711E-05	3.71296E-05	0	0	0	0	0	0	0
Summer	ROG_DIURN	0.0117486	0.0107855	0.0073534	0.0074306	0.0065646	0.005081051	0.003748614	0	0.0036735	0.0357844	0	0.0031009	0.3578445
Summer	ROG_HTSK	0.004888	0.0031772	0.0031772	0.0031772	0.0887775	0.044499388	0.003177217	0	0.0031772	0.0031772	0	0.0031772	0.0031772
Summer	ROG_IDLEX	0	0	0	0	0.0072571	0.005401721	0.003384849	0.457905071	0.0343858	0	0	0.0084587	0
Summer	ROG_RESTL	0.0055965	0.0051378	0.0035029	0.0035396	0.0025496	0.001332777	0.00178569	0	0.0017499	0.0042616	0	0.0014772	0.1704629
Summer	ROG_RUNEX	0.0123251	0.0616425	0.0046304	0.0036217	0.0374308	0.041894856	0.004316946	0.024069917	0.0046544	0.0007528	0	0.016775	0.040762
Summer	ROG_RUNLS	0	0	0	0	0.5231472	0.225745391	0	0	0	0	0	0	0
Summer	ROG_STREX	0	0	0	0	0.0241073	0.012690315	0	0	0	0	0	0	0
Summer	SO2_IDLEX	0	0	0	0	3.113E-05	4.82767E-05	0.00035287	0.009881945	0.0009173	0	0	0.0009876	0
Summer	SO2_RUNEX	0.0019134	0.0013914	0.0009165	0.0012073	0.0026937	0.002588354	0.003374277	0.013282742	0.0040159	0.0055372	0	0.0033921	0.0033839
Summer	SO2_STREX	0	0	0	0	3.774E-05	2.4654E-05	0	0	0	0	0	0	0
Summer	TOG_DIURN	0.0117486	0.0107855	0.0073534	0.0074306	0.005091	0.002737596	0.003748614	0	0.0036735	0.0357844	0	0.0031009	0.3578445
Summer	TOG_HTSK	0.004888	0.0031772	0.0031772	0.0031772	0.0880638	0.043364372	0.003177217	0	0.0031772	0.0031772	0	0.0031772	0.0031772
Summer	TOG_IDLEX	0	0	0	0	0.0101808	0.007232258	0.003853393	0.521290067	0.0391456	0	0	0.0096296	0
Summer	TOG_RESTL	0.0055965	0.0051378	0.0035029	0.0035396	0.0025496	0.001332777	0.00178569	0	0.0017499	0.0042616	0	0.0014772	0.1704629
Summer	TOG_RUNEX	0.0140314	0.0701759	0.0052714	0.0041231	0.0456482	0.048813325	0.004914515	0.027401769	0.0052987	0.0537693	0	0.019097	0.0464048
Summer	TOG_RUNLS	0	0	0	0	0.5231472	0.225745391	0	0	0	0	0	0	0
Summer	TOG_STREX	0	0	0	0	0.0263944	0.013894298	0	0	0	0	0	0	0

Winter	CH4_IDLEX	0	0	0	0	0.001708	0.001039679	0.000145743	0.018512357	0.001382	0	0	0.0003682	0
Winter	CH4_RUNEX	0.0005725	0.0028632	0.0002151	0.0001682	0.0031251	0.002514502	0.000200511	0.001117985	0.0002162	0.0526854	0	0.0007792	0.0018933
Winter	CH4_STREX	0	0	0	0	0.0053956	0.002884682	0	0	0	0	0	0	0
Winter	CO_IDLEX	0	0	0	0	0.0619339	0.046540342	0.113262938	6.434974238	0.5269286	0	0	0.2810455	0
Winter	CO_RUNEX	0.1957606	0.4101612	0.0431042	0.0659747	0.2871361	0.232434863	0.040756737	0.234644381	0.0509621	0.0870956	0	0.0580952	0.1471532
Winter	CO_STREX	0	0	0	0	0.3856536	0.21375606	0	0	0	0	0	0	0
Winter	CO2_NBIO_IDLEX	0	0	0	0	3.2158316	5.055558047	37.33528008	1074.316829	100.24235	0	0	102.14563	0
Winter	CO2_NBIO_RUNEX	202.39894	147.18039	96.945903	127.70726	276.24037	268.3518681	357.1606808	1405.952498	425.07929	585.72894	0	359.04265	357.952
Winter	CO2_NBIO_STREX	0	0	0	0	3.9147203	2.54611892	0	0	0	0	0	0	0
Winter	NOX_IDLEX	0	0	0	0	0.0251264	0.038346094	0.261339204	5.723822338	0.4782626	0	0	0.8305125	0
Winter	NOX_RUNEX	0.0660441	0.3820438	0.0125301	0.015423	0.3745697	0.390474654	0.589585493	2.717356657	0.66843	0.747928	0	1.1499155	1.5884423
Winter	NOX_STREX[3]	0	0	0	0	0.1168521	0.065448892	0.74504755	2.390917071	0.7735658	0	0	0.5331919	0
Winter	PM10_IDLEX	0	0	0	0	0.0003217	0.000512985	0.000316847	0.003148684	0.0001756	0	0	0.000727	0
Winter	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060810527	0.13034	0.0755456	0	0.7448002	0.13034
Winter	PM10_PMTW	0.008	0.008	0.008	0.008	0.0098841	0.01083315	0.012000003	0.035458033	0.012	0.0311701	0	0.012	0.016
Winter	PM10_RUNEX	0.0061358	0.0456454	0.0015753	0.0016073	0.0046933	0.006260249	0.002856681	0.024932466	0.0042962	0.0023779	0	0.006747	0.0374339
Winter	PM10_STREX	0	0	0	0	8.386E-05	4.03819E-05	0	0	0	0	0	0	0
Winter	PM25_IDLEX	0	0	0	0	0.0003078	0.000490793	0.000303141	0.003012474	0.000168	0	0	0.0006955	0
Winter	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.026061654	0.05586	0.0323767	0	0.3192001	0.05586
Winter	PM25_PMTW	0.002	0.002	0.002	0.002	0.002471	0.002708287	0.003000001	0.008864508	0.003	0.0077925	0	0.003	0.004
Winter	PM25_RUNEX	0.0058704	0.0436708	0.0015071	0.0015377	0.0044742	0.005981405	0.002733102	0.023853898	0.0041103	0.0022751	0	0.0064551	0.0358145
Winter	PM25_STREX	0	0	0	0	7.711E-05	3.71296E-05	0	0	0	0	0	0	0
Winter	ROG_DIURN	0.0001555	0.0001427	9.73E-05	9.832E-05	0.0009973	0.000871923	4.96011E-05	0	4.861E-05	0.0004735	0	4.103E-05	0.0047349
Winter	ROG_HTSK	0.004888	0.0031772	0.0031772	0.0031772	0.0836134	0.040236406	0.003177217	0	0.0031772	0.0031772	0	0.0031772	0.0031772
Winter	ROG_IDLEX	0	0	0	0	0.0072571	0.005401721	0.003137801	0.398565964	0.0297542	0	0	0.0079262	0
Winter	ROG_RESTL	1.83E-05	1.68E-05	1.146E-05	1.158E-05	0.0005708	0.000398207	5.84035E-06	0	5.723E-06	1.394E-05	0	4.831E-06	0.0005575
Winter	ROG_RUNEX	0.0123251	0.0616425	0.0046304	0.0036217	0.0366904	0.04166058	0.004316946	0.024069917	0.0046544	0.0007528	0	0.016775	0.040762
Winter	ROG_RUNLS	0	0	0	0	0.5952211	0.258342445	0	0	0	0	0	0	0
Winter	ROG_STREX	0	0	0	0	0.0272876	0.014358899	0	0	0	0	0	0	0
Winter	SO2_IDLEX	0	0	0	0	3.113E-05	4.82767E-05	0.000352725	0.010149613	0.000947	0	0	0.000965	0
Winter	SO2_RUNEX	0.0019134	0.0013914	0.0009165	0.0012073	0.0026935	0.00258828	0.003374277	0.013282742	0.0040159	0.0055372	0	0.0033921	0.0033839
Winter	SO2_STREX	0	0	0	0	3.874E-05	2.51959E-05	0	0	0	0	0	0	0
Winter	TOG_DIURN	0.0001555	0.0001427	9.73E-05	9.832E-05	0.0009973	0.000871923	4.96011E-05	0	4.861E-05	0.0004735	0	4.103E-05	0.0047349
Winter	TOG_HTSK	0.004888	0.0031772	0.0031772	0.0031772	0.0836134	0.040236406	0.003177217	0	0.0031772	0.0031772	0	0.0031772	0.0031772
Winter	TOG_IDLEX	0	0	0	0	0.0101808	0.007232258	0.003572148	0.45373701	0.0338729	0	0	0.0090234	0
Winter	TOG_RESTL	1.83E-05	1.68E-05	1.146E-05	1.158E-05	0.0005708	0.000398207	5.84035E-06	0	5.723E-06	1.394E-05	0	4.831E-06	0.0005575
Winter	TOG_RUNEX	0.0140314	0.0701759	0.0052714	0.0041231	0.0445679	0.048471469	0.004914515	0.027401769	0.0052987	0.0537693	0	0.019097	0.0464048
Winter	TOG_RUNLS	0	0	0	0	0.5952211	0.258342445	0	0	0	0	0	0	0
Winter	TOG_STREX	0	0	0	0	0.0298765	0.015721187	0	0	0	0	0	0	0

1 Source: California Air Resources Board. EMFAC2017 Web Database. https://www.arb.ca.gov/emfac/2017/; California Air Pollution Control Officers Association (CAPCOA). 2017, November. California Emissions Estimator Model User's Guide, Version 2016.3.2, Appendix A.

2 Unless otherwise noted, per CalEEMod methodology, the calculated CalEEMod emission rates are derived from the emission rates obtained using the EMFAC2017 Web Database for the Contra Costa (SF) region .

3 Because EMFAC2017 provides vehicle trips data for MHDT and HHDT diesel trucks, the formula provided in Appendix A of the CalEEMod User's Guide in calculating the NO_X STREX emission rates are utilized.

Off-Model SAFE Rule Adjustment Factors for Gasoline Light Duty Vehicle (LDA, LDT1, LDT2, MDV) Emissions in EMFAC2017

Year	NOx Exh	TOG Evap	TOG Exh	PM Exh	CO Exh	CO2 Exh
2021	1.0002	1.0001	1.0002	1.0009	1.0005	1.0023
2022	1.0004	1.0003	1.0004	1.0018	1.0014	1.0065
2023	1.0007	1.0006	1.0007	1.0032	1.0027	1.0126
2024	1.0012	1.001	1.0011	1.0051	1.0044	1.0207
2025	1.0018	1.0016	1.0016	1.0074	1.0065	1.0309
2026	1.0023	1.0022	1.002	1.0091	1.0083	1.0394
2027	1.0028	1.0028	1.0024	1.0105	1.0102	1.0475
2028	1.0034	1.0035	1.0028	1.0117	1.012	1.0554
2029	1.004	1.0042	1.0032	1.0129	1.0138	1.0629
2030	1.0047	1.0051	1.0037	1.0142	1.0156	1.0702
2031	1.0054	1.0061	1.0042	1.0155	1.0173	1.077
2032	1.0061	1.0072	1.0047	1.0169	1.0189	1.0834
2033	1.0068	1.0083	1.0052	1.0182	1.0204	1.0893
2034	1.0075	1.0095	1.0058	1.0196	1.0218	1.0947
2035	1.0081	1.0108	1.0063	1.021	1.0232	1.0997
2036	1.0088	1.0121	1.0069	1.0223	1.0244	1.1041
2037	1.0094	1.0134	1.0074	1.0236	1.0255	1.108
2038	1.0099	1.0148	1.0079	1.0248	1.0265	1.1114
2039	1.0104	1.0161	1.0085	1.0259	1.0274	1.1143
2040	1.0109	1.0174	1.009	1.027	1.0281	1.1168
2041	1.0113	1.0186	1.0095	1.0279	1.0288	1.1189
2042	1.0116	1.0198	1.0099	1.0286	1.0294	1.1207
2043	1.0119	1.0207	1.0103	1.0293	1.0299	1.1221
2044	1.0122	1.0216	1.0106	1.0299	1.0303	1.1233
2045	1.0124	1.0225	1.0109	1.0303	1.0306	1.1243
2046	1.0125	1.0233	1.0111	1.0308	1.0309	1.1251
2047	1.0127	1.024	1.0113	1.0311	1.0311	1.1258
2048	1.0128	1.0246	1.0115	1.0314	1.0313	1.1263
2049	1.0128	1.0252	1.0116	1.0316	1.0315	1.1268
2050	1.0129	1.0257	1.0117	1.0318	1.0316	1.1272

Sources: California Air Resources Board. 2019, November 20. EMFAC Off-Model Adjustment Factors to Account for the SAFE Vehicles Rule Part One and the Final Safe Rule. hhttps://ww3.arb.ca.gov/msei/emfac_off_model_adjustment_factors_final_draft.pdf; California Air Resources Board. 2020, June 26. EMFAC Off-Model Adjustment Factors for Carbon Dioxide (CO2) Emissions to Account for the SAFE Vehicles Rule Part One and the Final Safe Rule. https://ww3.arb.ca.gov/msei/emfac_off_model_co2_adjustment_factors_06262020-final.pdf.

LDA CalEEMod Emission Rate Worksheet

Vehicle Class: LDA

Pollutant	CARB SAFE Rule Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	LDA Gas	LDA DSL	LDA Elec	LDA Gas	LDA DSL	LDA Elec	LDA Gas	LDA DSL	LDA Elec	
CH4_IDLEX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
CH4_RUNEX		0	0.000572479	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.000572479**
CH4_STREX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
CO_IDLEX	1.0027	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
CO_RUNEX	1.0027	0	0.19576055	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.19576055**
CO_STREX	1.0027	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
CO2_NBIO_IDLEX	1.0126	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
CO2_NBIO_RUNEX	1.0126	0	202.3989435	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**202.3989435**
CO2_NBIO_STREX	1.0126	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
NOX_IDLEX	1.0007	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
NOX_RUNEX	1.0007	0	0.06509074	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.06509074**
NOX_STREX	1.0007	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
PM10_IDLEX	1.0032	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
PM10_PMBW		0	0.036750011	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.008000002**
PM10_RUNEX	1.0032	0	0.006135806	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.006135806**
PM10_STREX	1.0032	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
PM25_IDLEX	1.0032	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
PM25_PMBW		0	0.015750005	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.002000001**
PM25_RUNEX	1.0032	0	0.005870374	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.005870374**
PM25_STREX	1.0032	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
ROG_DIURN		0	0.016340367	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.003487107**
ROG_HTSK		0	0.004888026	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.004888026**
ROG_IDLEX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
ROG_RESTL		0	0.0050371	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.00107494**
ROG_RUNEX		0	0.012325138	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.012325138**
ROG_RUNLS		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
ROG_STREX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
SO2_IDLEX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
SO2_RUNEX		0	0.001913398	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.001913398**
SO2_STREX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
TOG_DIURN	1.0006	0	0.016340367	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.003487107**
TOG_HTSK	1.0006	0	0.004888026	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.004888026**
TOG_IDLEX	1.0007	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
TOG_RESTL	1.0006	0	0.0050371	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.00107494**
TOG_RUNEX	1.0007	0	0.01403135	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.01403135**
TOG_RUNLS	1.0006	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
TOG_STREX	1.0007	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
CH4_IDLEX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
CH4_RUNEX		0	0.000572479	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.000572479**
CH4_STREX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
CO_IDLEX	1.0027	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
CO_RUNEX	1.0027	0	0.19576055	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.19576055**
CO_STREX	1.0027	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
CO2_NBIO_IDLEX	1.0126	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
CO2_NBIO_RUNEX	1.0126	0	202.3989435	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**202.3989435**
CO2_NBIO_STREX	1.0126	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
NOX_IDLEX	1.0007	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
NOX_RUNEX	1.0007	0	0.062608765	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.062608765**
NOX_STREX	1.0007	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
PM10_IDLEX	1.0032	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
PM10_PMBW		0	0.036750011	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.008000002**
PM10_RUNEX	1.0032	0	0.006135806	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.006135806**
PM10_STREX	1.0032	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
PM25_IDLEX	1.0032	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
PM25_PMBW		0	0.015750005	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.002000001**
PM25_RUNEX	1.0032	0	0.005870374	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.005870374**
PM25_STREX	1.0032	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
ROG_DIURN		0	0.055052995	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.011748554**
ROG_HTSK		0	0.004888026	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.004888026**
ROG_IDLEX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
ROG_RESTL		0	0.026225054	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.005596543**
ROG_RUNEX		0	0.012325138	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.012325138**
ROG_RUNLS		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
ROG_STREX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
SO2_IDLEX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
SO2_RUNEX		0	0.001913398	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.001913398**
SO2_STREX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
TOG_DIURN	1.0006	0	0.055052995	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.011748554**
TOG_HTSK	1.0006	0	0.004888026	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.004888026**
TOG_IDLEX	1.0007	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
TOG_RESTL	1.0006	0	0.026225054	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.005596543**
TOG_RUNEX	1.0007	0	0.01403135	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.01403135**
TOG_RUNLS	1.0006	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
TOG_STREX	1.0007	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**

CH4_IDLEX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
CH4_RUNEX		0	0.000572479	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.000572479**
CH4_STREX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
CO_IDLEX	1.0027	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
CO_RUNEX	1.0027	0	0.19576055	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.19576055**
CO_STREX	1.0027	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
CO2_NBIO_IDLEX	1.0126	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
CO2_NBIO_RUNEX	1.0126	0	202.3989435	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**202.3989435**
CO2_NBIO_STREX	1.0126	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
NOX_IDLEX	1.0007	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
NOX_RUNEX	1.0007	0	0.066044075	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.066044075**
NOX_STREX	1.0007	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
PM10_IDLEX	1.0032	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
PM10_PMBW		0	0.036750011	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.008000002**
PM10_RUNEX	1.0032	0	0.006135806	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.006135806**
PM10_STREX	1.0032	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
PM25_IDLEX	1.0032	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
PM25_PMBW		0	0.015750005	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.002000001**
PM25_RUNEX	1.0032	0	0.005870374	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.005870374**
PM25_STREX	1.0032	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
ROG_DIURN		0	0.000728453	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.000155455**
ROG_HTSK		0	0.004888026	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.004888026**
ROG_IDLEX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
ROG_RESTL		0	8.57726E-05	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**1.83043E-05**
ROG_RUNEX		0	0.012325138	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.012325138**
ROG_RUNLS		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
ROG_STREX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
SO2_IDLEX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
SO2_RUNEX		0	0.001913398	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.001913398**
SO2_STREX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
TOG_DIURN	1.0006	0	0.000728453	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.000155455**
TOG_HTSK	1.0006	0	0.004888026	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.004888026**
TOG_IDLEX	1.0007	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
TOG_RESTL	1.0006	0	8.57726E-05	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**1.83043E-05**
TOG_RUNEX	1.0007	0	0.01403135	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.01403135**
TOG_RUNLS	1.0006	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
TOG_STREX	1.0007	0.00000000	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**

LDT1 CalEEMod Emission Rate Worksheet

Vehicle Class: LDT1

Percent Zero Emission: 65%

Adjustment Factor: 0.35

Pollutant	CARB SAFE Rule Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	LDT1 Gas	LDT1 DSL	LDT1 Elec	LDT1 Gas	LDT1 DSL	LDT1 Elec	LDT1 Gas	LDT1 DSL	LDT1 Elec	
CH4_IDLEX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
CH4_RUNEX		0	0.0081805	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.002863175**
CH4_STREX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
CO_IDLEX	1.0027	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
CO_RUNEX	1.0027	0	1.171889053	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.410161169**
CO_STREX	1.0027	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
CO2_NBIO_IDLEX	1.0126	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
CO2_NBIO_RUNEX	1.0126	0	420.5154031	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**147.1803911**
CO2_NBIO_STREX	1.0126	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
NOX_IDLEX	1.0007	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
NOX_RUNEX	1.0007	0	1.075846132	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.376546146**
NOX_STREX	1.0007	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
PM10_IDLEX	1.0032	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
PM10_PMBW		0	0.036750011	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.008000002**
PM10_RUNEX	1.0032	0	0.130415415	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.045645395**
PM10_STREX	1.0032	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
PM25_IDLEX	1.0032	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
PM25_PMBW		0	0.015750005	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.002000001**
PM25_RUNEX	1.0032	0	0.124773702	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.043670796**
PM25_STREX	1.0032	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
ROG_DIURN		0	0.016340367	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.003201264**
ROG_HTSK		0	0.004888026	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.003177217**
ROG_IDLEX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
ROG_RESTL		0	0.0050371	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.000986825**
ROG_RUNEX		0	0.17612134	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.061642469**
ROG_RUNLS		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
ROG_STREX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
SO2_IDLEX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
SO2_RUNEX		0	0.003975383	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.001391384**
SO2_STREX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
TOG_DIURN	1.0006	0	0.016340367	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.003201264**
TOG_HTSK	1.0006	0	0.004888026	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.003177217**
TOG_IDLEX	1.0007	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
TOG_RESTL	1.0006	0	0.0050371	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.000986825**
TOG_RUNEX	1.0007	0	0.200502436	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.070175853**
TOG_RUNLS	1.0006	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
TOG_STREX	1.0007	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
CH4_IDLEX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
CH4_RUNEX		0	0.0081805	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.002863175**
CH4_STREX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
CO_IDLEX	1.0027	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
CO_RUNEX	1.0027	0	1.171889053	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.410161169**
CO_STREX	1.0027	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
CO2_NBIO_IDLEX	1.0126	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
CO2_NBIO_RUNEX	1.0126	0	420.5154031	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**147.1803911**
CO2_NBIO_STREX	1.0126	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
NOX_IDLEX	1.0007	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
NOX_RUNEX	1.0007	0	1.034865362	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.362202877**
NOX_STREX	1.0007	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
PM10_IDLEX	1.0032	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
PM10_PMBW		0	0.036750011	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.008000002**
PM10_RUNEX	1.0032	0	0.130415415	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.045645395**
PM10_STREX	1.0032	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
PM25_IDLEX	1.0032	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
PM25_PMBW		0	0.015750005	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.002000001**
PM25_RUNEX	1.0032	0	0.124773702	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.043670796**
PM25_STREX	1.0032	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
ROG_DIURN		0	0.055052995	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.01078551**
ROG_HTSK		0	0.004888026	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.003177217**
ROG_IDLEX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
ROG_RESTL		0	0.026225054	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.005137788**
ROG_RUNEX		0	0.17612134	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.061642469**
ROG_RUNLS		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
ROG_STREX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
SO2_IDLEX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
SO2_RUNEX		0	0.003975383	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.001391384**
SO2_STREX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
TOG_DIURN	1.0006	0	0.055052995	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.01078551**
TOG_HTSK	1.0006	0	0.004888026	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.003177217**
TOG_IDLEX	1.0007	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
TOG_RESTL	1.0006	0	0.026225054	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.005137788**
TOG_RUNEX	1.0007	0	0.200502436	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.070175853**
TOG_RUNLS	1.0006	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
TOG_STREX	1.0007	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**

CH4_IDLEX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
CH4_RUNEX		0	0.0081805	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.002863175**
CH4_STREX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
CO_IDLEX	1.0027	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
CO_RUNEX	1.0027	0	1.171889053	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.410161169**
CO_STREX	1.0027	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
CO2_NBIO_IDLEX	1.0126	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
CO2_NBIO_RUNEX	1.0126	0	420.5154031	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**147.1803911**
CO2_NBIO_STREX	1.0126	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
NOX_IDLEX	1.0007	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
NOX_RUNEX	1.0007	0	1.091553589	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.382043756**
NOX_STREX	1.0007	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
PM10_IDLEX	1.0032	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
PM10_PMBW		0	0.036750011	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.008000002**
PM10_RUNEX	1.0032	0	0.130415415	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.045645395**
PM10_STREX	1.0032	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
PM25_IDLEX	1.0032	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
PM25_PMBW		0	0.015750005	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.002000001**
PM25_RUNEX	1.0032	0	0.124773702	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.043670796**
PM25_STREX	1.0032	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
ROG_DIURN		0	0.000728453	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.000142712**
ROG_HTSK		0	0.004888026	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.003177217**
ROG_IDLEX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
ROG_RESTL		0	8.57726E-05	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**1.68038E-05**
ROG_RUNEX		0	0.17612134	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.061642469**
ROG_RUNLS		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
ROG_STREX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
SO2_IDLEX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
SO2_RUNEX		0	0.003975383	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.001391384**
SO2_STREX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
TOG_DIURN	1.0006	0	0.000728453	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.000142712**
TOG_HTSK	1.0006	0	0.004888026	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.003177217**
TOG_IDLEX	1.0007	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
TOG_RESTL	1.0006	0	8.57726E-05	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**1.68038E-05**
TOG_RUNEX	1.0007	0	0.200502436	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.070175853**
TOG_RUNLS	1.0006	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
TOG_STREX	1.0007	0.00000000	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**

LDT2 CalEEMod Emission Rate Worksheet

Vehicle Class: LDT2

Percent Zero Emission: 65%

Adjustment Factor: 0.35

Pollutant	CARB SAFE Rule Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	LDT2 Gas	LDT2 DSL	LDT2 Elec	LDT2 Gas	LDT2 DSL	LDT2 Elec	LDT2 Gas	LDT2 DSL	LDT2 Elec	
CH4_IDLEX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
CH4_RUNEX		0	0.000614489	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.000215071**
CH4_STREX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
CO_IDLEX	1.0027	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
CO_RUNEX	1.0027	0	0.123154778	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.043104172**
CO_STREX	1.0027	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
CO2_NBIO_IDLEX	1.0126	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
CO2_NBIO_RUNEX	1.0126	0	276.9882955	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**96.94590343**
CO2_NBIO_STREX	1.0126	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
NOX_IDLEX	1.0007	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
NOX_RUNEX	1.0007	0	0.035281032	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.012348361**
NOX_STREX	1.0007	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
PM10_IDLEX	1.0032	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
PM10_PMBW		0	0.036750011	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.008000002**
PM10_RUNEX	1.0032	0	0.004500814	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.001575285**
PM10_STREX	1.0032	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
PM25_IDLEX	1.0032	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
PM25_PMBW		0	0.015750005	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.002000001**
PM25_RUNEX	1.0032	0	0.004306111	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.001507139**
PM25_STREX	1.0032	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
ROG_DIURN		0	0.016340367	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.002182587**
ROG_HTSK		0	0.004888026	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.003177217**
ROG_IDLEX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
ROG_RESTL		0	0.0050371	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.000672807**
ROG_RUNEX		0	0.013229584	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.004630355**
ROG_RUNLS		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
ROG_STREX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
SO2_IDLEX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
SO2_RUNEX		0	0.002618536	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.000916487**
SO2_STREX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
TOG_DIURN	1.0006	0	0.016340367	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.002182587**
TOG_HTSK	1.0006	0	0.004888026	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.003177217**
TOG_IDLEX	1.0007	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
TOG_RESTL	1.0006	0	0.0050371	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.000672807**
TOG_RUNEX	1.0007	0	0.015061002	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.005271351**
TOG_RUNLS	1.0006	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
TOG_STREX	1.0007	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
CH4_IDLEX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
CH4_RUNEX		0	0.000614489	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.000215071**
CH4_STREX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
CO_IDLEX	1.0027	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
CO_RUNEX	1.0027	0	0.123154778	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.043104172**
CO_STREX	1.0027	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
CO2_NBIO_IDLEX	1.0126	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
CO2_NBIO_RUNEX	1.0126	0	276.9882955	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**96.94590343**
CO2_NBIO_STREX	1.0126	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
NOX_IDLEX	1.0007	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
NOX_RUNEX	1.0007	0	0.033933697	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.011876794**
NOX_STREX	1.0007	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
PM10_IDLEX	1.0032	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
PM10_PMBW		0	0.036750011	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.008000002**
PM10_RUNEX	1.0032	0	0.004500814	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.001575285**
PM10_STREX	1.0032	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
PM25_IDLEX	1.0032	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
PM25_PMBW		0	0.015750005	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.002000001**
PM25_RUNEX	1.0032	0	0.004306111	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.001507139**
PM25_STREX	1.0032	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
ROG_DIURN		0	0.055052995	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.007353443**
ROG_HTSK		0	0.004888026	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.003177217**
ROG_IDLEX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
ROG_RESTL		0	0.026225054	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.003502887**
ROG_RUNEX		0	0.013229584	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.004630355**
ROG_RUNLS		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
ROG_STREX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
SO2_IDLEX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
SO2_RUNEX		0	0.002618536	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.000916487**
SO2_STREX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
TOG_DIURN	1.0006	0	0.055052995	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.007353443**
TOG_HTSK	1.0006	0	0.004888026	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.003177217**
TOG_IDLEX	1.0007	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
TOG_RESTL	1.0006	0	0.026225054	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.003502887**
TOG_RUNEX	1.0007	0	0.015061002	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.005271351**
TOG_RUNLS	1.0006	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
TOG_STREX	1.0007	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**

CH4_IDLEX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
CH4_RUNEX		0	0.000614489	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.000215071**
CH4_STREX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
CO_IDLEX	1.0027	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
CO_RUNEX	1.0027	0	0.123154778	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.043104172**
CO_STREX	1.0027	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
CO2_NBIO_IDLEX	1.0126	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
CO2_NBIO_RUNEX	1.0126	0	276.9882955	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**96.94590343**
CO2_NBIO_STREX	1.0126	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
NOX_IDLEX	1.0007	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
NOX_RUNEX	1.0007	0	0.035800154	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.012530054**
NOX_STREX	1.0007	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
PM10_IDLEX	1.0032	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
PM10_PMBW		0	0.036750011	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.008000002**
PM10_RUNEX	1.0032	0	0.004500814	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.001575285**
PM10_STREX	1.0032	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
PM25_IDLEX	1.0032	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
PM25_PMBW		0	0.015750005	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.002000001**
PM25_RUNEX	1.0032	0	0.004306111	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.001507139**
PM25_STREX	1.0032	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
ROG_DIURN		0	0.000728453	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**9.72996E-05**
ROG_HTSK		0	0.004888026	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.003177217**
ROG_IDLEX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
ROG_RESTL		0	8.57726E-05	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**1.14567E-05**
ROG_RUNEX		0	0.013229584	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.004630355**
ROG_RUNLS		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
ROG_STREX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
SO2_IDLEX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
SO2_RUNEX		0	0.002618536	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.000916487**
SO2_STREX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
TOG_DIURN	1.0006	0	0.000728453	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**9.72996E-05**
TOG_HTSK	1.0006	0	0.004888026	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.003177217**
TOG_IDLEX	1.0007	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
TOG_RESTL	1.0006	0	8.57726E-05	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**1.14567E-05**
TOG_RUNEX	1.0007	0	0.015061002	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.005271351**
TOG_RUNLS	1.0006	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
TOG_STREX	1.0007	0.00000000	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**

MDV CalEEMod Emission Rate Worksheet

Vehicle Class: MDV

Percent Zero Emission: 65%

Adjustment Factor: 0.35

Pollutant	CARB SAFE Rule Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	MDV Gas	MDV DSL	MDV Elec	MDV Gas	MDV DSL	MDV Elec	MDV Gas	MDV DSL	MDV Elec	
CH4_IDLEX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
CH4_RUNEX		0	0.00048063	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.00016822**
CH4_STREX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
CO_IDLEX	1.0027	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
CO_RUNEX	1.0027	0	0.188499077	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.065974677**
CO_STREX	1.0027	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
CO2_NBIO_IDLEX	1.0126	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
CO2_NBIO_RUNEX	1.0126	0	364.8778865	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**127.7072603**
CO2_NBIO_STREX	1.0126	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
NOX_IDLEX	1.0007	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
NOX_RUNEX	1.0007	0	0.043428548	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.015199992**
NOX_STREX	1.0007	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
PM10_IDLEX	1.0032	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
PM10_PMBW		0	0.036750011	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.008000002**
PM10_RUNEX	1.0032	0	0.004592228	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.00160728**
PM10_STREX	1.0032	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
PM25_IDLEX	1.0032	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
PM25_PMBW		0	0.015750005	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.002000001**
PM25_RUNEX	1.0032	0	0.00439357	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.00153775**
PM25_STREX	1.0032	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
ROG_DIURN		0	0.016340367	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.00220548**
ROG_HTSK		0	0.004888026	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.003177217**
ROG_IDLEX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
ROG_RESTL		0	0.0050371	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.000679864**
ROG_RUNEX		0	0.010347679	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.003621688**
ROG_RUNLS		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
ROG_STREX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
SO2_IDLEX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
SO2_RUNEX		0	0.003449408	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.001207293**
SO2_STREX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
TOG_DIURN	1.0006	0	0.016340367	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.00220548**
TOG_HTSK	1.0006	0	0.004888026	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.003177217**
TOG_IDLEX	1.0007	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
TOG_RESTL	1.0006	0	0.0050371	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.000679864**
TOG_RUNEX	1.0007	0	0.011780145	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.004123051**
TOG_RUNLS	1.0006	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
TOG_STREX	1.0007	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
CH4_IDLEX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
CH4_RUNEX		0	0.00048063	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.00016822**
CH4_STREX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
CO_IDLEX	1.0027	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
CO_RUNEX	1.0027	0	0.188499077	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.065974677**
CO_STREX	1.0027	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
CO2_NBIO_IDLEX	1.0126	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
CO2_NBIO_RUNEX	1.0126	0	364.8778865	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**127.7072603**
CO2_NBIO_STREX	1.0126	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
NOX_IDLEX	1.0007	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
NOX_RUNEX	1.0007	0	0.041771592	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.014620057**
NOX_STREX	1.0007	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
PM10_IDLEX	1.0032	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
PM10_PMBW		0	0.036750011	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.008000002**
PM10_RUNEX	1.0032	0	0.004592228	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.00160728**
PM10_STREX	1.0032	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
PM25_IDLEX	1.0032	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
PM25_PMBW		0	0.015750005	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.002000001**
PM25_RUNEX	1.0032	0	0.00439357	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.00153775**
PM25_STREX	1.0032	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
ROG_DIURN		0	0.055052995	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.007430572**
ROG_HTSK		0	0.004888026	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.003177217**
ROG_IDLEX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
ROG_RESTL		0	0.026225054	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.003539629**
ROG_RUNEX		0	0.010347679	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.003621688**
ROG_RUNLS		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
ROG_STREX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
SO2_IDLEX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
SO2_RUNEX		0	0.003449408	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.001207293**
SO2_STREX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
TOG_DIURN	1.0006	0	0.055052995	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.007430572**
TOG_HTSK	1.0006	0	0.004888026	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.003177217**
TOG_IDLEX	1.0007	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
TOG_RESTL	1.0006	0	0.026225054	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.003539629**
TOG_RUNEX	1.0007	0	0.011780145	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.004123051**
TOG_RUNLS	1.0006	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
TOG_STREX	1.0007	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**

CH4_IDLEX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
CH4_RUNEX		0	0.00048063	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.00016822**
CH4_STREX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
CO_IDLEX	1.0027	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
CO_RUNEX	1.0027	0	0.188499077	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.065974677**
CO_STREX	1.0027	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
CO2_NBIO_IDLEX	1.0126	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
CO2_NBIO_RUNEX	1.0126	0	364.8778865	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**127.7072603**
CO2_NBIO_STREX	1.0126	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
NOX_IDLEX	1.0007	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
NOX_RUNEX	1.0007	0	0.044065768	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.015423019**
NOX_STREX	1.0007	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
PM10_IDLEX	1.0032	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
PM10_PMBW		0	0.036750011	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.008000002**
PM10_RUNEX	1.0032	0	0.004592228	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.00160728**
PM10_STREX	1.0032	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
PM25_IDLEX	1.0032	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
PM25_PMBW		0	0.015750005	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.002000001**
PM25_RUNEX	1.0032	0	0.00439357	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.00153775**
PM25_STREX	1.0032	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
ROG_DIURN		0	0.000728453	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**9.83202E-05**
ROG_HTSK		0	0.004888026	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.003177217**
ROG_IDLEX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
ROG_RESTL		0	8.57726E-05	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**1.15768E-05**
ROG_RUNEX		0	0.010347679	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.003621688**
ROG_RUNLS		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
ROG_STREX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
SO2_IDLEX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
SO2_RUNEX		0	0.003449408	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.001207293**
SO2_STREX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
TOG_DIURN	1.0006	0	0.000728453	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**9.83202E-05**
TOG_HTSK	1.0006	0	0.004888026	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.003177217**
TOG_IDLEX	1.0007	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
TOG_RESTL	1.0006	0	8.57726E-05	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**1.15768E-05**
TOG_RUNEX	1.0007	0	0.011780145	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.004123051**
TOG_RUNLS	1.0006	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
TOG_STREX	1.0007	0.00000000	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**

LHDT1 CalEEMod Emission Rate Worksheet

Percent Zero Emission: 65%

Vehicle Class: LHDT1 | Adjustment Factor: 35%

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
	Gas	DSL	ELEC	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	
CH4_IDLEX	0.120758952	0.005098128	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.001712614**
CH4_RUNEX	0.010204082	0.007879509	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.003188204**
CH4_STREX	0.025116875	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.005123617**
CO_IDLEX	3.752103037	0.909745076	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.061933906**
CO_RUNEX	0.903811026	0.758301502	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.292345452**
CO_STREX	1.755096586	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.358023942**
CO2_NBIO_IDLEX	120.828316	134.5192423	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**3.215831625**
CO2_NBIO_RUNEX	1002.333658	550.0246593	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**276.2500287**
CO2_NBIO_STREX	18.95184225	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**3.866005621**
NOX_IDLEX	0.038145038	2.119656541	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.025126404**
NOX_RUNEX	0.232796709	1.964012697	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.366883633**
NOX_STREX	0.53665899	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.109473614**
PM10_IDLEX	0	0.027717031	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.000321728**
PM10_PMBW	0.076440022	0.076440022	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.076440022**
PM10_PMTW	0.008000002	0.012000003	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.009884094**
PM10_RUNEX	0.002327781	0.025854445	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.004693282**
PM10_STREX	0.000411106	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**8.38618E-05**
PM25_IDLEX	0	0.026518005	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.00030781**
PM25_PMBW	0.032760009	0.032760009	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.032760009**
PM25_PMTW	0.002000001	0.003000001	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.002471024**
PM25_RUNEX	0.002140308	0.024735993	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.004474187**
PM25_STREX	0.000377996	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**7.71079E-05**
ROG_DIURN	0.047394992	0.010621238	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.002206346**
ROG_HTSK	0.129370269	0.003177217	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.076726501**
ROG_IDLEX	0.436970447	0.109759705	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.007257064**
ROG_RESTL	0.026887908	0.003274115	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.001160443**
ROG_RUNEX	0.048872463	0.169641185	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.037015051**
ROG_RUNLS	0.920261003	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.536357086**
ROG_STREX	0.126583819	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.025821962**
SO2_IDLEX	0.001195694	0.001271691	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**3.11328E-05**
SO2_RUNEX	0.009918904	0.005199711	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.00269362**
SO2_STREX	0.000187544	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**3.82573E-05**
TOG_DIURN	0.047394992	0.010621238	0	10141.21511	8597.340798	0	353591.6844	204654.0848	0	151088.9947	108143.7318	0	**0.002206346**
TOG_HTSK	0.129370269	0.003177217	0	10141.21511	8597.340798	0	353591.6844	204654.0848	0	151088.9947	108143.7318	0	**0.076726501**
TOG_IDLEX	0.637626251	0.124954127	0	10141.21511	8597.340798	0	353591.6844	204654.0848	0	151088.9947	108143.7318	0	**0.010180822**
TOG_RESTL	0.026887908	0.003274115	0	10141.21511	8597.340798	0	353591.6844	204654.0848	0	151088.9947	108143.7318	0	**0.001160443**
TOG_RUNEX	0.071314583	0.19312521	0	10141.21511	8597.340798	0	353591.6844	204654.0848	0	151088.9947	108143.7318	0	**0.040589716**
TOG_RUNLS	0.920261003	0	0	10141.21511	8597.340798	0	353591.6844	204654.0848	0	151088.9947	108143.7318	0	**0.536357086**
TOG_STREX	0.138593348	0	0	10141.21511	8597.340798	0	353591.6844	204654.0848	0	151088.9947	108143.7318	0	**0.028271798**
CH4_IDLEX	0.121164934	0.005098128	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.001718172**
CH4_RUNEX	0.010634021	0.007879509	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.003267804**
CH4_STREX	0.023546104	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.004803194**
CO_IDLEX	3.752103037	0.909745076	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.061933906**
CO_RUNEX	0.940261564	0.758301502	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.299093978**
CO_STREX	1.612555374	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.328946815**
CO2_NBIO_IDLEX	120.828316	134.5192423	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**3.215831625**
CO2_NBIO_RUNEX	1002.401118	550.0246593	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**276.2625183**
CO2_NBIO_STREX	18.69768949	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**3.814160741**
NOX_IDLEX	0.038145038	2.119656541	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.025126404**
NOX_RUNEX	0.20733945	1.895179414	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.350822708**
NOX_STREX	0.496849518	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.10135284**
PM10_IDLEX	0	0.027717031	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.000321728**
PM10_PMBW	0.076440022	0.076440022	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.076440022**
PM10_PMTW	0.008000002	0.012000003	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.009884094**
PM10_RUNEX	0.002327781	0.025854445	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.004693282**
PM10_STREX	0.000411106	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**8.38618E-05**
PM25_IDLEX	0	0.026518005	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.00030781**
PM25_PMBW	0.032760009	0.032760009	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.032760009**
PM25_PMTW	0.002000001	0.003000001	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.002471024**
PM25_RUNEX	0.002140308	0.024735993	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.004474187**
PM25_STREX	0.000377996	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**7.71079E-05**
ROG_DIURN	0.121134246	0.055052995	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.006564595**
ROG_HTSK	0.148822302	0.004888026	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.088777454**
ROG_IDLEX	0.436970447	0.109759705	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.007257064**
ROG_RESTL	0.062397283	0.003274115	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.002549574**
ROG_RUNEX	0.051117809	0.169641185	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.037430758**
ROG_RUNLS	0.897595985	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.5231472**
ROG_STREX	0.118178154	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.024107282**
SO2_IDLEX	0.001195694	0.001271691	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**3.11328E-05**
SO2_RUNEX	0.009919572	0.005199711	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.002693743**
SO2_STREX	0.000185029	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**3.77442E-05**
TOG_DIURN	0.121134246	0.010621238	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.005091035**
TOG_HTSK	0.148822302	0.003177217	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.088063758**
TOG_IDLEX	0.637626251	0.124954127	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.010180822**
TOG_RESTL	0.062397283	0.003274115	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.002549574**
TOG_RUNEX	0.074590986	0.19312521	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.045648159**
TOG_RUNLS	0.897595985	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.5231472**
TOG_STREX	0.129390203	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.026394439**

CH4_IDLEX	0.120420438	0.005098128	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.001707979**
CH4_RUNEX	0.009863381	0.007879509	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.003125126**
CH4_STREX	0.026450055	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.005395574**
CO_IDLEX	3.752103037	0.909745076	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.061933906**
CO_RUNEX	0.875673957	0.758301502	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.287136098**
CO_STREX	1.890542079	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.385653606**
CO2_NBIO_IDLEX	120.828316	134.5192423	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**3.215831625**
CO2_NBIO_RUNEX	1002.281498	550.0246593	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**276.2403717**
CO2_NBIO_STREX	19.19065026	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**3.914720311**
NOX_IDLEX	0.038145038	2.119656541	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.025126404**
NOX_RUNEX	0.248994308	1.992444622	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.374569719**
NOX_STREX	0.572829503	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.116852074**
PM10_IDLEX	0	0.027717031	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.000321728**
PM10_PMBW	0.076440022	0.076440022	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.076440022**
PM10_PMTW	0.008000002	0.012000003	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.009884094**
PM10_RUNEX	0.002327781	0.025854445	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.004693282**
PM10_STREX	0.000411106	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**8.38618E-05**
PM25_IDLEX	0	0.026518005	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.00030781**
PM25_PMBW	0.032760009	0.032760009	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.032760009**
PM25_PMTW	0.002000001	0.003000001	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.002471024**
PM25_RUNEX	0.002140308	0.024735993	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.004474187**
PM25_STREX	0.000377996	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**7.71079E-05**
ROG_DIURN	0.016488349	0.010621238	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.000997275**
ROG_HTSK	0.141186517	0.003177217	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.083613382**
ROG_IDLEX	0.436970447	0.109759705	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.007257064**
ROG_RESTL	0.011814876	0.003274115	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.000570784**
ROG_RUNEX	0.047119159	0.169641185	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.03669044**
ROG_RUNLS	1.021257612	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.595221089**
ROG_STREX	0.133768736	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.027287621**
SO2_IDLEX	0.001195694	0.001271691	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**3.11328E-05**
SO2_RUNEX	0.009918388	0.005199711	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.002693524**
SO2_STREX	0.000189907	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**3.87393E-05**
TOG_DIURN	0.016488349	0.010621238	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.000997275**
TOG_HTSK	0.141186517	0.003177217	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.083613382**
TOG_IDLEX	0.637626251	0.124954127	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.010180822**
TOG_RESTL	0.011814876	0.003274115	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.000570784**
TOG_RUNEX	0.068756166	0.19312521	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.044567889**
TOG_RUNLS	1.021257612	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.595221089**
TOG_STREX	0.146459928	0	0	10141.21511	8597.340798	0	353591.6844	314852.4382	0	151088.9947	108143.7318	0	**0.02987651**

LHDT2 CalEEMod Emission Rate Worksheet

Percent Zero Emission: 65%

Vehicle Class: LHDT2

Adjustment Factor: 0.35

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	ELEC	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	Rate
CH4_IDLEX	0.119922946	0.005098128	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.001042295**
CH4_RUNEX	0.00738201	0.007196143	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.002537627**
CH4_STREX	0.023258803	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.00273981**
CO_IDLEX	3.762227894	0.909745076	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.046540342**
CO_RUNEX	0.611100793	0.693152736	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.234225982**
CO_STREX	1.686573031	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.198672749**
CO2_NBIO_IDLEX	138.2938154	214.6331335	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**5.055558047**
CO2_NBIO_RUNEX	1138.232292	613.7225486	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**268.3551568**
CO2_NBIO_STREX	21.3896562	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**2.519631062**
NOX_IDLEX	0.037234581	2.061307783	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.038346094**
NOX_RUNEX	0.205480347	1.463486291	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.383778227**
NOX_STREX	0.520506446	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.061313945**
PM10_IDLEX	0	0.027789015	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.000512985**
PM10_PMBW	0.089180026	0.089180026	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.089180026**
PM10_PMTW	0.008000002	0.012000003	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.01083315**
PM10_RUNEX	0.00210939	0.024384318	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.006260249**
PM10_STREX	0.00034281	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**4.03819E-05**
PM25_IDLEX	0	0.026586875	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.000490793**
PM25_PMBW	0.038220011	0.038220011	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.038220011**
PM25_PMTW	0.002000001	0.003000001	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.002708287**
PM25_RUNEX	0.001939506	0.023329464	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.005981405**
PM25_STREX	0.000315201	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**3.71296E-05**
ROG_DIURN	0.03786918	0.010621238	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.00141567**
ROG_HTSK	0.106216635	0.003177217	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.037856372**
ROG_IDLEX	0.426928747	0.109759705	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.005401721**
ROG_RESTL	0.022171809	0.003274115	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.000673554**
ROG_RUNEX	0.032889153	0.154928726	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.041764856**
ROG_RUNLS	0.688065241	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.231576627**
ROG_STREX	0.115371265	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.013590355**
SO2_IDLEX	0.001368529	0.002029055	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**4.82767E-05**
SO2_RUNEX	0.011263731	0.005801885	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.002588312**
SO2_STREX	0.000211668	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**2.49338E-05**
TOG_DIURN	0.03786918	0.010621238	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.00141567**
TOG_HTSK	0.106216635	0.003177217	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.037856372**
TOG_IDLEX	0.622973426	0.124954127	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.007232258**
TOG_RESTL	0.022171809	0.003274115	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.000673554**
TOG_RUNEX	0.047991775	0.176376054	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.048623628**
TOG_RUNLS	0.688065241	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.231576627**
TOG_STREX	0.126317014	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.014879728**
CH4_IDLEX	0.120319744	0.005098128	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.001045433**
CH4_RUNEX	0.00766227	0.007196143	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.002566241**
CH4_STREX	0.02180822	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.002568936**
CO_IDLEX	3.762227894	0.909745076	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.046540342**
CO_RUNEX	0.633695211	0.693152736	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.236532865**
CO_STREX	1.55133647	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.182742327**
CO2_NBIO_IDLEX	138.2938154	214.6331335	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**5.055558047**
CO2_NBIO_RUNEX	1138.273597	613.7225486	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**268.359374**
CO2_NBIO_STREX	21.14964977	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**2.491359096**
NOX_IDLEX	0.037234581	2.061307783	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.038346094**
NOX_RUNEX	0.182576241	1.412411599	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.368778292**
NOX_STREX	0.481903314	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.056766623**
PM10_IDLEX	0	0.027789015	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.000512985**
PM10_PMBW	0.089180026	0.089180026	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.089180026**
PM10_PMTW	0.008000002	0.012000003	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.01083315**
PM10_RUNEX	0.00210939	0.024384318	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.006260249**
PM10_STREX	0.00034281	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**4.03819E-05**
PM25_IDLEX	0	0.026586875	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.000490793**
PM25_PMBW	0.038220011	0.038220011	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.038220011**
PM25_PMTW	0.002000001	0.003000001	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.002708287**
PM25_RUNEX	0.001939506	0.023329464	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.005981405**
PM25_STREX	0.000315201	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**3.71296E-05**
ROG_DIURN	0.096386528	0.055052995	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.005081051**
ROG_HTSK	0.122582118	0.004888026	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.044499388**
ROG_IDLEX	0.426928747	0.109759705	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.005401721**
ROG_RESTL	0.05135346	0.003274115	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.001332777**
ROG_RUNEX	0.034162428	0.154928726	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.041894856**
ROG_RUNLS	0.670739352	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.225745391**
ROG_STREX	0.107730645	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.012690315**
SO2_IDLEX	0.001368529	0.002029055	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**4.82767E-05**
SO2_RUNEX	0.01126414	0.005801885	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.002588354**
SO2_STREX	0.000209293	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**2.4654E-05**
TOG_DIURN	0.096386528	0.010621238	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.002737596**
TOG_HTSK	0.122582118	0.003177217	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.043364372**
TOG_IDLEX	0.622973426	0.124954127	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.007232258**
TOG_RESTL	0.05135346	0.003274115	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.001332777**
TOG_RUNEX	0.049849735	0.176376054	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.048813325**
TOG_RUNLS	0.670739352	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.225745391**
TOG_STREX	0.117951496	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.013894298**

CH4_IDLEX	0.119592042	0.005098128	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.001039679**
CH4_RUNEX	0.007155514	0.007196143	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.002514502**
CH4_STREX	0.024488643	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.002884682**
CO_IDLEX	3.762227894	0.909745076	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.046540342**
CO_RUNEX	0.593557944	0.693152736	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.232434863**
CO_STREX	1.8146183	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.21375606**
CO2_NBIO_IDLEX	138.2938154	214.6331335	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**5.055558047**
CO2_NBIO_RUNEX	1138.200082	613.7225486	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**268.3518681**
CO2_NBIO_STREX	21.61451697	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**2.54611892**
NOX_IDLEX	0.037234581	2.061307783	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.038346094**
NOX_RUNEX	0.219872609	1.484571306	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.390474654**
NOX_STREX	0.555608845	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.065448892**
PM10_IDLEX	0	0.027789015	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.000512985**
PM10_PMBW	0.089180026	0.089180026	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.089180026**
PM10_PMTW	0.008000002	0.012000003	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.01083315**
PM10_RUNEX	0.00210939	0.024384318	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.006260249**
PM10_STREX	0.00034281	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**4.03819E-05**
PM25_IDLEX	0	0.026586875	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.000490793**
PM25_PMBW	0.038220011	0.038220011	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.038220011**
PM25_PMTW	0.002000001	0.003000001	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.002708287**
PM25_RUNEX	0.001939506	0.023329464	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.005981405**
PM25_STREX	0.000315201	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**3.71296E-05**
ROG_DIURN	0.013799242	0.010621238	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.000871923**
ROG_HTSK	0.113288241	0.003177217	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.040236406**
ROG_IDLEX	0.426928747	0.109759705	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.005401721**
ROG_RESTL	0.009983102	0.003274115	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.000398207**
ROG_RUNEX	0.03186784	0.154928726	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.04166058**
ROG_RUNLS	0.767592389	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.258342445**
ROG_STREX	0.121895587	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.014358899**
SO2_IDLEX	0.001368529	0.002029055	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**4.82767E-05**
SO2_RUNEX	0.011263412	0.005801885	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.00258828**
SO2_STREX	0.000213893	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**2.51959E-05**
TOG_DIURN	0.013799242	0.010621238	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.000871923**
TOG_HTSK	0.113288241	0.003177217	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.040236406**
TOG_IDLEX	0.622973426	0.124954127	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.007232258**
TOG_RESTL	0.009983102	0.003274115	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.000398207**
TOG_RUNEX	0.046501477	0.176376054	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.048471469**
TOG_RUNLS	0.767592389	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.258342445**
TOG_STREX	0.133460324	0	0	1267.006275	2958.146091	0	45469.50058	110401.0059	0	18876.50566	37209.75647	0	**0.015721187**

MHDT CalEEMod Emission Rate Worksheet

Percent Zero Emission: 65%

Vehicle Class: MHDT | Adjustment Factor: 0.35

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	ELEC	MHDT Gas	MHDT DSL	MHDT Elec	MHDT Gas	MHDT DSL	MHDT Elec	MHDT Gas	MHDT DSL	MHDT Elec	Rate
CH4_IDLEX	0	0.00415657	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.000152398**
CH4_RUNEX	0	0.000572889	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.000200511**
CH4_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
CO_IDLEX	0	2.97136564	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.108943292**
CO_RUNEX	0	0.116447819	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.040756737**
CO_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
CO2_NBIO_IDLEX	0	1018.541108	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**37.34418283**
CO2_NBIO_RUNEX	0	1020.459088	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**357.1606808**
CO2_NBIO_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
NOX_IDLEX	0	7.013008368	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.257127636**
NOX_RUNEX	0	1.659081127	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.580678394**
NOX_STREX	0	2.128707285	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.74504755**
PM10_IDLEX	0	0.007155247	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.000262343**
PM10_PMBW	0	0.130340037	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.012000003**
PM10_RUNEX	0	0.008161945	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.002856681**
PM10_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
PM25_IDLEX	0	0.006845714	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.000250994**
PM25_PMBW	0	0.055860016	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.003000001**
PM25_RUNEX	0	0.007808863	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.002733102**
PM25_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
ROG_DIURN	0	0.016340367	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.001112632**
ROG_HTSK	0	0.004888026	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.003177217**
ROG_IDLEX	0	0.089489814	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.003281089**
ROG_RESTL	0	0.0050371	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.000342981**
ROG_RUNEX	0	0.012334133	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.004316946**
ROG_RUNLS	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
ROG_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
SO2_IDLEX	0	0.009622671	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.000352809**
SO2_RUNEX	0	0.009640791	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.003374277**
SO2_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
TOG_DIURN	0	0.016340367	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.001112632**
TOG_HTSK	0	0.004888026	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.003177217**
TOG_IDLEX	0	0.101877342	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.00373527**
TOG_RESTL	0	0.0050371	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.000342981**
TOG_RUNEX	0	0.014041471	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.004914515**
TOG_RUNLS	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
TOG_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
CH4_IDLEX	0	0.004288016	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.000157217**
CH4_RUNEX	0	0.000572889	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.000200511**
CH4_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
CO_IDLEX	0	2.886050706	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.105815273**
CO_RUNEX	0	0.116447819	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.040756737**
CO_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
CO2_NBIO_IDLEX	0	1018.716941	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**37.35062965**
CO2_NBIO_RUNEX	0	1020.459088	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**357.1606808**
CO2_NBIO_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
NOX_IDLEX	0	6.92982801	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.254077879**
NOX_RUNEX	0	1.597019895	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.558956963**
NOX_STREX	0	2.128707285	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.74504755**
PM10_IDLEX	0	0.006078756	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.000222874**
PM10_PMBW	0	0.130340037	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.012000003**
PM10_RUNEX	0	0.008161945	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.002856681**
PM10_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
PM25_IDLEX	0	0.005815792	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.000213232**
PM25_PMBW	0	0.055860016	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.003000001**
PM25_RUNEX	0	0.007808863	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.002733102**
PM25_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
ROG_DIURN	0	0.055052995	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.003748614**
ROG_HTSK	0	0.004888026	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.003177217**
ROG_IDLEX	0	0.092319811	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.003384849**
ROG_RESTL	0	0.026225054	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.00178569**
ROG_RUNEX	0	0.012334133	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.004316946**
ROG_RUNLS	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
ROG_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
SO2_IDLEX	0	0.009624333	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.00035287**
SO2_RUNEX	0	0.009640791	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.003374277**
SO2_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
TOG_DIURN	0	0.055052995	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.003748614**
TOG_HTSK	0	0.004888026	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.003177217**
TOG_IDLEX	0	0.105099077	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.003853393**
TOG_RESTL	0	0.026225054	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.00178569**
TOG_RUNEX	0	0.014041471	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.004914515**
TOG_RUNLS	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
TOG_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**

CH4_IDLEX	0	0.003975049	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.000145743**
CH4_RUNEX	0	0.000572889	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.000200511**
CH4_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
CO_IDLEX	0	3.089181502	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.113262938**
CO_RUNEX	0	0.116447819	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.040756737**
CO_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
CO2_NBIO_IDLEX	0	1018.29829	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**37.33528008**
CO2_NBIO_RUNEX	0	1020.459088	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**357.1606808**
CO2_NBIO_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
NOX_IDLEX	0	7.127876482	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.261339204**
NOX_RUNEX	0	1.68452998	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.589585493**
NOX_STREX	0	2.128707285	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.74504755**
PM10_IDLEX	0	0.008641828	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.000316847**
PM10_PMBW	0	0.130340037	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.012000003**
PM10_RUNEX	0	0.008161945	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.002856681**
PM10_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
PM25_IDLEX	0	0.008267986	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.000303141**
PM25_PMBW	0	0.055860016	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.003000001**
PM25_RUNEX	0	0.007808863	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.002733102**
PM25_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
ROG_DIURN	0	0.000728453	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**4.96011E-05**
ROG_HTSK	0	0.004888026	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.003177217**
ROG_IDLEX	0	0.085581724	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.003137801**
ROG_RESTL	0	8.57726E-05	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**5.84035E-06**
ROG_RUNEX	0	0.012334133	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.004316946**
ROG_RUNLS	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
ROG_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
SO2_IDLEX	0	0.009620377	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.000352725**
SO2_RUNEX	0	0.009640791	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.003374277**
SO2_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
TOG_DIURN	0	0.000728453	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**4.96011E-05**
TOG_HTSK	0	0.004888026	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.003177217**
TOG_IDLEX	0	0.097428278	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.003572148**
TOG_RESTL	0	8.57726E-05	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**5.84035E-06**
TOG_RUNEX	0	0.014041471	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.004914515**
TOG_RUNLS	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
TOG_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**

HHD CalEEMod Emission Rate Worksheet

Percent Zero Emission: 0%

Vehicle Class: HHDT

Adjustment Factor: 1

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	HHDT Gas	HHDT DSL	HHDT NG	HHDT Gas	HHDT DSL	HHDT NG	HHDT Gas	HHDT DSL	HHDT NG	Rate
CH4_IDLEX	0	0.210828202	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.020110922**
CH4_RUNEX	0	0.001117985	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.001117985**
CH4_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
CO_IDLEX	0	66.15987851	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**6.310997185**
CO_RUNEX	0	0.234644381	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.234644381**
CO_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
CO2_NBIO_IDLEX	0	11090.08401	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**1057.884182**
CO2_NBIO_RUNEX	0	1405.952498	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**1405.952498**
CO2_NBIO_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
NOX_IDLEX	0	56.57870182	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**5.397047817**
NOX_RUNEX	0	2.675843754	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**2.675843754**
NOX_STREX	0	2.390917071	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**2.390917071**
PM10_IDLEX	0	0.028115633	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.002681953**
PM10_PMBW	0	0.060810527	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.060810527**
PM10_PMTW	0	0.035458033	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.035458033**
PM10_RUNEX	0	0.024932466	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.024932466**
PM10_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
PM25_IDLEX	0	0.026899363	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.002565933**
PM25_PMBW	0	0.026061654	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.026061654**
PM25_PMTW	0	0.008864508	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.008864508**
PM25_RUNEX	0	0.023853898	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.023853898**
PM25_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
ROG_DIURN	0	0.016340367	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
ROG_HTSK	0	0.004888026	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
ROG_IDLEX	0	4.539073368	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.432982646**
ROG_RESTL	0	0.0050371	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
ROG_RUNEX	0	0.024069917	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.024069917**
ROG_RUNLS	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
ROG_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
SO2_IDLEX	0	0.104773615	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.009994365**
SO2_RUNEX	0	0.013282742	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.013282742**
SO2_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
TOG_DIURN	0	0.016340367	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
TOG_HTSK	0	0.004888026	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
TOG_IDLEX	0	5.16738951	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.492917783**
TOG_RESTL	0	0.0050371	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
TOG_RUNEX	0	0.027401769	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.027401769**
TOG_RUNLS	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
TOG_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
CH4_IDLEX	0	0.222963446	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.021268505**
CH4_RUNEX	0	0.001117985	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.001117985**
CH4_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
CO_IDLEX	0	65.21872749	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**6.221220698**
CO_RUNEX	0	0.234644381	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.234644381**
CO_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
CO2_NBIO_IDLEX	0	10965.33832	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**1045.984678**
CO2_NBIO_RUNEX	0	1405.952498	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**1405.952498**
CO2_NBIO_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
NOX_IDLEX	0	54.09804781	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**5.160417992**
NOX_RUNEX	0	2.57915047	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**2.57915047**
NOX_STREX	0	2.390917071	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**2.390917071**
PM10_IDLEX	0	0.02457252	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.002343975**
PM10_PMBW	0	0.060810527	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.060810527**
PM10_PMTW	0	0.035458033	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.035458033**
PM10_RUNEX	0	0.024932466	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.024932466**
PM10_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
PM25_IDLEX	0	0.023509523	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.002242576**
PM25_PMBW	0	0.026061654	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.026061654**
PM25_PMTW	0	0.008864508	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.008864508**
PM25_RUNEX	0	0.023853898	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.023853898**
PM25_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
ROG_DIURN	0	0.055052995	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
ROG_HTSK	0	0.004888026	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
ROG_IDLEX	0	4.800341844	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.457905071**
ROG_RESTL	0	0.026225054	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
ROG_RUNEX	0	0.024069917	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.024069917**
ROG_RUNLS	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
ROG_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
SO2_IDLEX	0	0.103595079	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.009881945**
SO2_RUNEX	0	0.013282742	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.013282742**
SO2_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
TOG_DIURN	0	0.055052995	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
TOG_HTSK	0	0.004888026	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
TOG_IDLEX	0	5.464823782	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.521290067**
TOG_RESTL	0	0.026225054	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
TOG_RUNEX	0	0.027401769	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.027401769**
TOG_RUNLS	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
TOG_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**

CH4_IDLEX	0	0.194070008	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.018512357**
CH4_RUNEX	0	0.001117985	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.001117985**
CH4_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
CO_IDLEX	0	67.45956326	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**6.434974238**
CO_RUNEX	0	0.234644381	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.234644381**
CO_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
CO2_NBIO_IDLEX	0	11262.35186	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**1074.316829**
CO2_NBIO_RUNEX	0	1405.952498	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**1405.952498**
CO2_NBIO_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
NOX_IDLEX	0	60.00436689	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**5.723822338**
NOX_RUNEX	0	2.717356657	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**2.717356657**
NOX_STREX	0	2.390917071	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**2.390917071**
PM10_IDLEX	0	0.033008504	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.003148684**
PM10_PMBW	0	0.060810527	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.060810527**
PM10_PMTW	0	0.035458033	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.035458033**
PM10_RUNEX	0	0.024932466	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.024932466**
PM10_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
PM25_IDLEX	0	0.031580571	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.003012474**
PM25_PMBW	0	0.026061654	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.026061654**
PM25_PMTW	0	0.008864508	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.008864508**
PM25_RUNEX	0	0.023853898	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.023853898**
PM25_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
ROG_DIURN	0	0.000728453	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
ROG_HTSK	0	0.004888026	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
ROG_IDLEX	0	4.178274044	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.398565964**
ROG_RESTL	0	8.57726E-05	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
ROG_RUNEX	0	0.024069917	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.024069917**
ROG_RUNLS	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
ROG_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
SO2_IDLEX	0	0.106401116	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.010149613**
SO2_RUNEX	0	0.013282742	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.013282742**
SO2_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
TOG_DIURN	0	0.000728453	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
TOG_HTSK	0	0.004888026	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
TOG_IDLEX	0	4.756646944	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.45373701**
TOG_RESTL	0	8.57726E-05	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
TOG_RUNEX	0	0.027401769	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.027401769**
TOG_RUNLS	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
TOG_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**

OBUS CalEEMod Emission Rate Worksheet

Percent Zero Emission: 65%

Vehicle Class: OBUS

Adjustment Factor: 0.35

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
	Gas	DSL	NG	OBUS Gas	OBUS DSL	OBUS NG	OBUS Gas	OBUS DSL	OBUS NG	OBUS Gas	OBUS DSL	OBUS NG	
CH4_IDLEX	0	0.04193688	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.001506777**
CH4_RUNEX	0	0.000617674	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.000216186**
CH4_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
CO_IDLEX	0	14.4067473	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.517629186**
CO_RUNEX	0	0.145605955	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.050962084**
CO_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
CO2_NBIO_IDLEX	0	2739.073649	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**98.41391915**
CO2_NBIO_RUNEX	0	1214.512245	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**425.0792859**
CO2_NBIO_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
NOX_IDLEX	0	12.45030772	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.447335024**
NOX_RUNEX	0	1.881078463	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.658377462**
NOX_STREX	0	2.210187896	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.773565764**
PM10_IDLEX	0	0.004236571	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.000152218**
PM10_PMBW	0	0.130340037	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.012000003**
PM10_RUNEX	0	0.012274782	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.004296174**
PM10_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
PM25_IDLEX	0	0.004053299	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.000145634**
PM25_PMBW	0	0.055860016	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.003000001**
PM25_RUNEX	0	0.011743781	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.004110323**
PM25_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
ROG_DIURN	0	0.016340367	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.001090335**
ROG_HTSK	0	0.004888026	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.003177217**
ROG_IDLEX	0	0.902889532	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.032440492**
ROG_RESTL	0	0.0050371	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.000336108**
ROG_RUNEX	0	0.01329836	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.004654426**
ROG_RUNLS	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
ROG_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
SO2_IDLEX	0	0.02587741	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.000929766**
SO2_RUNEX	0	0.011474109	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.004015938**
SO2_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
TOG_DIURN	0	0.016340367	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.001090335**
TOG_HTSK	0	0.004888026	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.003177217**
TOG_IDLEX	0	1.027871003	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.036931031**
TOG_RESTL	0	0.0050371	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.000336108**
TOG_RUNEX	0	0.015139171	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.00529871**
TOG_RUNLS	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
TOG_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
CH4_IDLEX	0	0.044451589	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.001597129**
CH4_RUNEX	0	0.000617674	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.000216186**
CH4_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
CO_IDLEX	0	14.21932374	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.510895126**
CO_RUNEX	0	0.145605955	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.050962084**
CO_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
CO2_NBIO_IDLEX	0	2702.22275	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**97.08987978**
CO2_NBIO_RUNEX	0	1214.512245	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**425.0792859**
CO2_NBIO_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
NOX_IDLEX	0	11.82698301	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.424939194**
NOX_RUNEX	0	1.811805282	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.634131849**
NOX_STREX	0	2.210187896	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.773565764**
PM10_IDLEX	0	0.003764479	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.000135256**
PM10_PMBW	0	0.130340037	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.012000003**
PM10_RUNEX	0	0.012274782	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.004296174**
PM10_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
PM25_IDLEX	0	0.003601629	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.000129405**
PM25_PMBW	0	0.055860016	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.003000001**
PM25_RUNEX	0	0.011743781	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.004110323**
PM25_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
ROG_DIURN	0	0.055052995	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.003673492**
ROG_HTSK	0	0.004888026	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.003177217**
ROG_IDLEX	0	0.95703052	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.034385758**
ROG_RESTL	0	0.026225054	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.001749905**
ROG_RUNEX	0	0.01329836	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.004654426**
ROG_RUNLS	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
ROG_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
SO2_IDLEX	0	0.025529261	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.000917257**
SO2_RUNEX	0	0.011474109	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.004015938**
SO2_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
TOG_DIURN	0	0.055052995	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.003673492**
TOG_HTSK	0	0.004888026	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.003177217**
TOG_IDLEX	0	1.089506397	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.039145568**
TOG_RESTL	0	0.026225054	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.001749905**
TOG_RUNEX	0	0.015139171	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.00529871**
TOG_RUNLS	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
TOG_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**

CH4_IDLEX	0	0.038464187	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.001382004**
CH4_RUNEX	0	0.000617674	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.000216186**
CH4_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
CO_IDLEX	0	14.66557031	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.526928603**
CO_RUNEX	0	0.145605955	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.050962084**
CO_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
CO2_NBIO_IDLEX	0	2789.962985	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**100.2423545**
CO2_NBIO_RUNEX	0	1214.512245	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**425.0792859**
CO2_NBIO_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
NOX_IDLEX	0	13.31108947	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.478262599**
NOX_RUNEX	0	1.90980005	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.668430018**
NOX_STREX	0	2.210187896	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.773565764**
PM10_IDLEX	0	0.004888508	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.000175642**
PM10_PMBW	0	0.130340037	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.012000003**
PM10_RUNEX	0	0.012274782	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.004296174**
PM10_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
PM25_IDLEX	0	0.004677033	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.000168044**
PM25_PMBW	0	0.055860016	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.003000001**
PM25_RUNEX	0	0.011743781	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.004110323**
PM25_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
ROG_DIURN	0	0.000728453	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**4.86071E-05**
ROG_HTSK	0	0.004888026	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.003177217**
ROG_IDLEX	0	0.828123404	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.029754172**
ROG_RESTL	0	8.57726E-05	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**5.72331E-06**
ROG_RUNEX	0	0.01329836	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.004654426**
ROG_RUNLS	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
ROG_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
SO2_IDLEX	0	0.026358187	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.00094704**
SO2_RUNEX	0	0.011474109	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.004015938**
SO2_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
TOG_DIURN	0	0.000728453	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**4.86071E-05**
TOG_HTSK	0	0.004888026	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.003177217**
TOG_IDLEX	0	0.942755458	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.03387286**
TOG_RESTL	0	8.57726E-05	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**5.72331E-06**
TOG_RUNEX	0	0.015139171	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.00529871**
TOG_RUNLS	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
TOG_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**

UBUS CalEEMod Emission Rate Worksheet

Percent Zero Emission: 65%

Vehicle Class: UBUS

Adjustment Factor: 0.35

Pollutant	Emission Rates				Population				VMT				Trips				CalEEMod Emission
	Gas	DSL	ELEC	NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	Rate
CH4_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
CH4_RUNEX	0	0.150529719	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.052685402**
CH4_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
CO_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
CO_RUNEX	0	0.248844525	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.087095584**
CO_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
CO2_NBIO_RUNEX	0	1673.511249	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**585.7289371**
CO2_NBIO_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
NOX_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
NOX_RUNEX	0	2.136937099	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.747927985**
NOX_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
PM10_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
PM10_PMBW	0	0.075545565	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.075545565**
PM10_PMTW	0	0.031170099	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.031170099**
PM10_RUNEX	0	0.006794129	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.002377945**
PM10_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
PM25_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
PM25_PMBW	0	0.032376671	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.032376671**
PM25_PMTW	0	0.007792525	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.007792525**
PM25_RUNEX	0	0.006500218	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.002275076**
PM25_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
ROG_DIURN	0	0.016340367	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.010621238**
ROG_HTSK	0	0.004888026	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.003177217**
ROG_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
ROG_RESTL	0	0.0050371	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.000818529**
ROG_RUNEX	0	0.002150773	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.00075277**
ROG_RUNLS	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
ROG_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
SO2_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
SO2_RUNEX	0	0.0158207	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.005537245**
SO2_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
TOG_DIURN	0	0.016340367	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.010621238**
TOG_HTSK	0	0.004888026	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.003177217**
TOG_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
TOG_RESTL	0	0.0050371	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.000818529**
TOG_RUNEX	0	0.153626619	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.053769317**
TOG_RUNLS	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
TOG_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
CH4_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
CH4_RUNEX	0	0.150529719	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.052685402**
CH4_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
CO_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
CO_RUNEX	0	0.248844525	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.087095584**
CO_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
CO2_NBIO_RUNEX	0	1673.511249	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**585.7289371**
CO2_NBIO_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
NOX_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
NOX_RUNEX	0	2.136937099	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.747927985**
NOX_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
PM10_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
PM10_PMBW	0	0.075545565	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.075545565**
PM10_PMTW	0	0.031170099	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.031170099**
PM10_RUNEX	0	0.006794129	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.002377945**
PM10_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
PM25_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
PM25_PMBW	0	0.032376671	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.032376671**
PM25_PMTW	0	0.007792525	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.007792525**
PM25_RUNEX	0	0.006500218	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.002275076**
PM25_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
ROG_DIURN	0	0.055052995	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.035784447**
ROG_HTSK	0	0.004888026	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.003177217**
ROG_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
ROG_RESTL	0	0.026225054	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.004261571**
ROG_RUNEX	0	0.002150773	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.00075277**
ROG_RUNLS	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
ROG_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
SO2_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
SO2_RUNEX	0	0.0158207	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.005537245**
SO2_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
TOG_DIURN	0	0.055052995	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.035784447**
TOG_HTSK	0	0.004888026	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.003177217**
TOG_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
TOG_RESTL	0	0.026225054	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.004261571**
TOG_RUNEX	0	0.153626619	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.053769317**
TOG_RUNLS	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
TOG_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**

CH4_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
CH4_RUNEX	0	0.150529719	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.052685402**
CH4_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
CO_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
CO_RUNEX	0	0.248844525	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.087095584**
CO_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
CO2_NBIO_RUNEX	0	1673.511249	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**585.7289371**
CO2_NBIO_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
NOX_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
NOX_RUNEX	0	2.136937099	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.747927985**
NOX_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
PM10_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
PM10_PMBW	0	0.075545565	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.075545565**
PM10_PMTW	0	0.031170099	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.031170099**
PM10_RUNEX	0	0.006794129	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.002377945**
PM10_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
PM25_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
PM25_PMBW	0	0.032376671	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.032376671**
PM25_PMTW	0	0.007792525	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.007792525**
PM25_RUNEX	0	0.006500218	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.002275076**
PM25_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
ROG_DIURN	0	0.000728453	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.000473494**
ROG_HTSK	0	0.004888026	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.003177217**
ROG_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
ROG_RESTL	0	8.57726E-05	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**1.39381E-05**
ROG_RUNEX	0	0.002150773	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.00075277**
ROG_RUNLS	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
ROG_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
SO2_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
SO2_RUNEX	0	0.0158207	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.005537245**
SO2_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
TOG_DIURN	0	0.000728453	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.000473494**
TOG_HTSK	0	0.004888026	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.003177217**
TOG_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
TOG_RESTL	0	8.57726E-05	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**1.39381E-05**
TOG_RUNEX	0	0.153626619	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.053769317**
TOG_RUNLS	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
TOG_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**

MCY CalEEMod Emission Rate Worksheet

Vehicle Class: MCY

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	MCY Gas	MCY DSL	MCY NG	MCY Gas	MCY DSL	MCY NG	MCY Gas	MCY DSL	MCY NG	Rate
CH4_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**

CH4_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**

SBUS CalEEMod Emission Rate Worksheet

Percent Zero Emission: 65%

Vehicle Class: SBUS

Adjustment Factor: 0.35

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
	Gas	DSL	NG	SBUS Gas	SBUS DSL	SBUS NG	SBUS Gas	SBUS DSL	SBUS NG	SBUS Gas	SBUS DSL	SBUS NG	
CH4_IDLEX	0	0.012611318	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.000382497**
CH4_RUNEX	0	0.002226152	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.000779153**
CH4_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
CO_IDLEX	0	8.830500374	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.267826019**
CO_RUNEX	0	0.165986212	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.058095174**
CO_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
CO2_NBIO_IDLEX	0	3413.567436	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**103.5323186**
CO2_NBIO_RUNEX	0	1025.836139	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**359.0426485**
CO2_NBIO_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
NOX_IDLEX	0	27.40326401	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.831131511**
NOX_RUNEX	0	3.233884657	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**1.13185963**
NOX_STREX	0	1.523405554	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.533191944**
PM10_IDLEX	0	0.019862274	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.000602416**
PM10_PMBW	0	0.744800213	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.744800213**
PM10_PMTW	0	0.012000003	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.012000003**
PM10_RUNEX	0	0.019277086	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.00674698**
PM10_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
PM25_IDLEX	0	0.019003041	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.000576356**
PM25_PMBW	0	0.319200091	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.319200091**
PM25_PMTW	0	0.003000001	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.003000001**
PM25_RUNEX	0	0.018443168	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.006455109**
PM25_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
ROG_DIURN	0	0.016340367	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.000920396**
ROG_HTSK	0	0.004888026	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.003177217**
ROG_IDLEX	0	0.271518228	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.008235054**
ROG_RESTL	0	0.0050371	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.000283722**
ROG_RUNEX	0	0.047928439	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.016774954**
ROG_RUNLS	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
ROG_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
SO2_IDLEX	0	0.032249693	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.000978122**
SO2_RUNEX	0	0.009691591	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.003392057**
SO2_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
TOG_DIURN	0	0.016340367	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.000920396**
TOG_HTSK	0	0.004888026	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.003177217**
TOG_IDLEX	0	0.309102834	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.009374982**
TOG_RESTL	0	0.0050371	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.000283722**
TOG_RUNEX	0	0.054562879	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.019097008**
TOG_RUNLS	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
TOG_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
CH4_IDLEX	0	0.01295379	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.000392884**
CH4_RUNEX	0	0.002226152	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.000779153**
CH4_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
CO_IDLEX	0	8.51487862	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.258253321**
CO_RUNEX	0	0.165986212	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.058095174**
CO_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
CO2_NBIO_IDLEX	0	3446.675533	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**104.5364757**
CO2_NBIO_RUNEX	0	1025.836139	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**359.0426485**
CO2_NBIO_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
NOX_IDLEX	0	27.41804289	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.831579749**
NOX_RUNEX	0	3.109203508	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**1.088221228**
NOX_STREX	0	1.523405554	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.533191944**
PM10_IDLEX	0	0.016887961	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.000512206**
PM10_PMBW	0	0.744800213	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.744800213**
PM10_PMTW	0	0.012000003	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.012000003**
PM10_RUNEX	0	0.019277086	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.00674698**
PM10_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
PM25_IDLEX	0	0.016157395	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.000490048**
PM25_PMBW	0	0.319200091	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.319200091**
PM25_PMTW	0	0.003000001	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.003000001**
PM25_RUNEX	0	0.018443168	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.006455109**
PM25_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
ROG_DIURN	0	0.055052995	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.003100943**
ROG_HTSK	0	0.004888026	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.003177217**
ROG_IDLEX	0	0.278891546	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.008458684**
ROG_RESTL	0	0.026225054	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.001477166**
ROG_RUNEX	0	0.047928439	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.016774954**
ROG_RUNLS	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
ROG_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
SO2_IDLEX	0	0.032562481	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.000987609**
SO2_RUNEX	0	0.009691591	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.003392057**
SO2_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
TOG_DIURN	0	0.055052995	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.003100943**
TOG_HTSK	0	0.004888026	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.003177217**
TOG_IDLEX	0	0.317496796	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.009629568**
TOG_RESTL	0	0.026225054	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.001477166**
TOG_RUNEX	0	0.054562879	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.019097008**
TOG_RUNLS	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
TOG_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**

CH4_IDLEX	0	0.012138382	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.000368153**
CH4_RUNEX	0	0.002226152	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.000779153**
CH4_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
CO_IDLEX	0	9.266358985	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.28104546**
CO_RUNEX	0	0.165986212	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.058095174**
CO_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
CO2_NBIO_IDLEX	0	3367.846732	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**102.1456255**
CO2_NBIO_RUNEX	0	1025.836139	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**359.0426485**
CO2_NBIO_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
NOX_IDLEX	0	27.38285508	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.830512515**
NOX_RUNEX	0	3.285472727	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**1.149915454**
NOX_STREX	0	1.523405554	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.533191944**
PM10_IDLEX	0	0.023969659	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.000726991**
PM10_PMBW	0	0.744800213	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.744800213**
PM10_PMTW	0	0.012000003	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.012000003**
PM10_RUNEX	0	0.019277086	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.00674698**
PM10_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
PM25_IDLEX	0	0.022932742	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.000695542**
PM25_PMBW	0	0.319200091	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.319200091**
PM25_PMTW	0	0.003000001	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.003000001**
PM25_RUNEX	0	0.018443168	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.006455109**
PM25_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
ROG_DIURN	0	0.000728453	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**4.10312E-05**
ROG_HTSK	0	0.004888026	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.003177217**
ROG_IDLEX	0	0.261336027	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.007926231**
ROG_RESTL	0	8.57726E-05	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**4.83127E-06**
ROG_RUNEX	0	0.047928439	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.016774954**
ROG_RUNLS	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
ROG_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
SO2_IDLEX	0	0.031817746	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.000965021**
SO2_RUNEX	0	0.009691591	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.003392057**
SO2_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
TOG_DIURN	0	0.000728453	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**4.10312E-05**
TOG_HTSK	0	0.004888026	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.003177217**
TOG_IDLEX	0	0.297511173	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.009023411**
TOG_RESTL	0	8.57726E-05	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**4.83127E-06**
TOG_RUNEX	0	0.054562879	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.019097008**
TOG_RUNLS	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
TOG_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**

MH CalEEMod Emission Rate Worksheet

Percent Zero Emission: 65%

Vehicle Class: MH

Adjustment Factor: 0.35

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	MH Gas	MH DSL	MH NG	MH Gas	MH DSL	MH NG	MH Gas	MH DSL	MH NG	Rate
CH4_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
CH4_RUNEX	0.005409479	0.005409479	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.001893318**
CH4_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
CO_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
CO_RUNEX	0.420437573	0.420437573	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.147153151**
CO_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
CO2_NBIO_RUNEX	1022.719995	1022.719995	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**357.9519983**
CO2_NBIO_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
NOX_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
NOX_RUNEX	4.470056183	4.470056183	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**1.564519664**
NOX_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
PM10_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.016000005**
PM10_RUNEX	0.106954043	0.106954043	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.037433915**
PM10_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
PM25_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.004000001**
PM25_RUNEX	0.102327259	0.102327259	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.035814541**
PM25_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
ROG_DIURN	0.016340367	0.016340367	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.106212383**
ROG_HTSK	0.004888026	0.004888026	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.003177217**
ROG_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
ROG_RESTL	0.0050371	0.0050371	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.032741152**
ROG_RUNEX	0.116462894	0.116462894	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.040762013**
ROG_RUNLS	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
ROG_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
SO2_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
SO2_RUNEX	0.009668382	0.009668382	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.003383934**
SO2_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
TOG_DIURN	0.016340367	0.016340367	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.106212383**
TOG_HTSK	0.004888026	0.004888026	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.003177217**
TOG_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
TOG_RESTL	0.0050371	0.0050371	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.032741152**
TOG_RUNEX	0.132585262	0.132585262	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.046404842**
TOG_RUNLS	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
TOG_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
CH4_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
CH4_RUNEX	0.005409479	0.005409479	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.001893318**
CH4_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
CO_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
CO_RUNEX	0.420437573	0.420437573	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.147153151**
CO_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
CO2_NBIO_RUNEX	1022.719995	1022.719995	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**357.9519983**
CO2_NBIO_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
NOX_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
NOX_RUNEX	4.30300687	4.30300687	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**1.506052404**
NOX_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
PM10_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.016000005**
PM10_RUNEX	0.106954043	0.106954043	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.037433915**
PM10_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
PM25_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.004000001**
PM25_RUNEX	0.102327259	0.102327259	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.035814541**
PM25_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
ROG_DIURN	0.055052995	0.055052995	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.357844471**
ROG_HTSK	0.004888026	0.004888026	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.003177217**
ROG_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
ROG_RESTL	0.026225054	0.026225054	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.170462853**
ROG_RUNEX	0.116462894	0.116462894	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.040762013**
ROG_RUNLS	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
ROG_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
SO2_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
SO2_RUNEX	0.009668382	0.009668382	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.003383934**
SO2_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
TOG_DIURN	0.055052995	0.055052995	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.357844471**
TOG_HTSK	0.004888026	0.004888026	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.003177217**
TOG_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
TOG_RESTL	0.026225054	0.026225054	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.170462853**
TOG_RUNEX	0.132585262	0.132585262	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.046404842**
TOG_RUNLS	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
TOG_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**

CH4_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
CH4_RUNEX	0.005409479	0.005409479	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.001893318**
CH4_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
CO_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
CO_RUNEX	0.420437573	0.420437573	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.147153151**
CO_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
CO2_NBIO_RUNEX	1022.719995	1022.719995	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**357.9519983**
CO2_NBIO_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
NOX_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
NOX_RUNEX	4.538406629	4.538406629	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**1.58844232**
NOX_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
PM10_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.016000005**
PM10_RUNEX	0.106954043	0.106954043	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.037433915**
PM10_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
PM25_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.004000001**
PM25_RUNEX	0.102327259	0.102327259	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.035814541**
PM25_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
ROG_DIURN	0.000728453	0.000728453	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.004734943**
ROG_HTSK	0.004888026	0.004888026	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.003177217**
ROG_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
ROG_RESTL	8.57726E-05	8.57726E-05	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.000557522**
ROG_RUNEX	0.116462894	0.116462894	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.040762013**
ROG_RUNLS	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
ROG_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
SO2_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
SO2_RUNEX	0.009668382	0.009668382	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.003383934**
SO2_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
TOG_DIURN	0.000728453	0.000728453	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.004734943**
TOG_HTSK	0.004888026	0.004888026	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.003177217**
TOG_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
TOG_RESTL	8.57726E-05	8.57726E-05	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.000557522**
TOG_RUNEX	0.132585262	0.132585262	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.046404842**
TOG_RUNLS	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
TOG_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**

EMFAC2017 Derived CalEEMod Annual Emission Rates: Scenario 4 Year 2025[1,2] - Delivery Vehicles

Season	Pollutant	LDA	LDT1	LDT2	MDV	LHDT1	LHDT2	MHDT	HHDT	OBUS	UBUS	MCY	SBUS	MH
Annual	CH4_IDLEX	0	0	0	0	0.000929	0.000561717	8.41194E-05	0.019952173	0.0008497	0	0	0.0002176	0
Annual	CH4_RUNEX	0.0004521	0.0013979	0.0001202	8.433E-05	0.0015665	0.001313885	0.000113089	0.001116295	0.0001232	0.0144529	0	0.0003907	0.001036
Annual	CH4_STREX	0	0	0	0	0.0025736	0.001352245	0	0	0	0	0	0	0
Annual	CO_IDLEX	0	0	0	0	0.035075	0.026344965	0.064160238	6.277144269	0.2923495	0	0	0.1608317	0
Annual	CO_RUNEX	0.1775339	0.200228	0.0250437	0.0360948	0.144644	0.121951183	0.023862353	0.24002386	0.0291617	0.0243689	0	0.0311694	0.0792333
Annual	CO_STREX	0	0	0	0	0.1938141	0.105444985	0	0	0	0	0	0	0
Annual	CO2_NBIO_IDLEX	0	0	0	0	1.8036773	2.831444871	20.78830494	1020.703964	54.315117	0	0	57.28125	0
Annual	CO2_NBIO_RUNEX	191.74426	80.491767	52.426916	68.900167	152.84738	148.4251838	199.0033512	1357.398504	233.43322	308.11121	0	198.03325	199.43048
Annual	CO2_NBIO_STREX	0	0	0	0	2.1330444	1.37698375	0	0	0	0	0	0	0
Annual	NOX_IDLEX	0	0	0	0	0.0134892	0.020202834	0.135741896	5.303426793	0.2529979	0	0	0.4367148	0
Annual	NOX_RUNEX	0.044332	0.1801556	0.0064506	0.0068257	0.1692209	0.174974408	0.338123706	2.670473831	0.3775248	0.1525359	0	0.5678038	0.8370493
Annual	NOX_STREX[3]	0	0	0	0	0.0575659	0.031763714	0.429242899	2.397819381	0.4426884	0	0	0.3269966	0
Annual	PM10_IDLEX	0	0	0	0	0.0001871	0.000296918	0.000113531	0.002494651	8.6E-05	0	0	0.0002828	0
Annual	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060848023	0.13034	0.0765067	0	0.7448002	0.13034
Annual	PM10_PMTW	0.008	0.008	0.008	0.008	0.0099156	0.010849665	0.012000003	0.035479897	0.012	0.0308339	0	0.012	0.016
Annual	PM10_RUNEX	0.0044526	0.0221615	0.0008583	0.000768	0.0023898	0.003358905	0.001664449	0.025108028	0.0024523	0.0011296	0	0.0034264	0.019145
Annual	PM10_STREX	0	0	0	0	4.485E-05	2.16231E-05	0	0	0	0	0	0	0
Annual	PM25_IDLEX	0	0	0	0	0.000179	0.000284073	0.00010862	0.002386734	8.228E-05	0	0	0.0002706	0
Annual	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.026077724	0.05586	0.0327886	0	0.3192001	0.05586
Annual	PM25_PMTW	0.002	0.002	0.002	0.002	0.0024789	0.002712416	0.003000001	0.008869974	0.003	0.0077085	0	0.003	0.004
Annual	PM25_RUNEX	0.00426	0.0212028	0.0008212	0.0007348	0.0022775	0.003209117	0.001592446	0.024021866	0.0023462	0.0010807	0	0.0032782	0.0183168
Annual	PM25_STREX	0	0	0	0	4.124E-05	1.98817E-05	0	0	0	0	0	0	0
Annual	ROG_DIURN	0.0034812	0.0039518	0.0027077	0.0027334	0.0021465	0.00145623	0.001379017	0	0.0013449	0.0130723	0	0.0011328	0.1307229
Annual	ROG_HTSK	0.004888	0.0039104	0.0039104	0.0039104	0.071515	0.034318865	0.003910421	0	0.0039104	0.0039104	0	0.0039104	0.0039104
Annual	ROG_IDLEX	0	0	0	0	0.0039378	0.002951507	0.001811068	0.429564821	0.0182948	0	0	0.004684	0
Annual	ROG_RESTL	0.0010731	0.0012182	0.0008347	0.0008426	0.0011224	0.000674675	0.000425097	0	0.0004146	0.0010074	0	0.0003492	0.0402968
Annual	ROG_RUNEX	0.0097333	0.0300952	0.0025886	0.0018155	0.0193328	0.022584283	0.002434774	0.024033526	0.0026535	0.0002065	0	0.0084119	0.0223055
Annual	ROG_RUNLS	0	0	0	0	0.5066857	0.19692242	0	0	0	0	0	0	0
Annual	ROG_STREX	0	0	0	0	0.012901	0.006627436	0	0	0	0	0	0	0
Annual	SO2_IDLEX	0	0	0	0	1.745E-05	2.70318E-05	0.000196398	0.009643105	0.0005131	0	0	0.0005412	0
Annual	SO2_RUNEX	0.0018127	0.0007609	0.0004956	0.0006514	0.00149	0.001431308	0.001880085	0.012824028	0.0022054	0.0029128	0	0.0018709	0.0018853
Annual	SO2_STREX	0	0	0	0	2.111E-05	1.36264E-05	0	0	0	0	0	0	0
Annual	TOG_DIURN	0.0034812	0.0039518	0.0027077	0.0027334	0.0021465	0.00145623	0.001379017	0	0.0013449	0.0130723	0	0.0011328	0.1307229
Annual	TOG_HTSK	0.004888	0.0039104	0.0039104	0.0039104	0.071515	0.034318865	0.003910421	0	0.0039104	0.0039104	0	0.0039104	0.0039104
Annual	TOG_IDLEX	0	0	0	0	0.005507	0.003931206	0.002061763	0.48902685	0.0208272	0	0	0.0053323	0
Annual	TOG_RESTL	0.0010731	0.0012182	0.0008347	0.0008426	0.0011224	0.000674675	0.000425097	0	0.0004146	0.0010074	0	0.0003492	0.0402968
Annual	TOG_RUNEX	0.0110807	0.0342614	0.0029469	0.0020669	0.0232922	0.026168107	0.002771805	0.02736034	0.0030208	0.0147502	0	0.0095763	0.0253933
Annual	TOG_RUNLS	0	0	0	0	0.5066857	0.19692242	0	0	0	0	0	0	0
Annual	TOG_STREX	0	0	0	0	0.014125	0.007256209	0	0	0	0	0	0	0
Summer	CH4_IDLEX	0	0	0	0	0.000932	0.000563409	8.74318E-05	0.021108769	0.0009007	0	0	0.0002249	0
Summer	CH4_RUNEX	0.0004521	0.0013979	0.0001202	8.433E-05	0.0016005	0.001326378	0.000113089	0.001116295	0.0001232	0.0144529	0	0.0003907	0.001036
Summer	CH4_STREX	0	0	0	0	0.002413	0.001268212	0	0	0	0	0	0	0
Summer	CO_IDLEX	0	0	0	0	0.035075	0.026344965	0.06257292	6.189335443	0.2885458	0	0	0.1558786	0

Summer	CO_RUNEX	0.1775339	0.200228	0.0250437	0.0360948	0.1475574	0.122931424	0.023862353	0.24002386	0.0291617	0.0243689	0	0.0311694	0.0792333
Summer	CO_STREX	0	0	0	0	0.1782249	0.097075369	0	0	0	0	0	0	0
Summer	CO2_NBIO_IDLEX	0	0	0	0	1.8036773	2.831444871	20.72933953	1008.920336	53.58412	0	0	57.624572	0
Summer	CO2_NBIO_RUNEX	191.74426	80.491767	52.426916	68.900167	152.85272	148.4269693	199.0033512	1357.398504	233.43322	308.11121	0	198.03325	199.43048
Summer	CO2_NBIO_STREX	0	0	0	0	2.105465	1.362247689	0	0	0	0	0	0	0
Summer	NOX_IDLEX	0	0	0	0	0.0134892	0.020202834	0.133270851	5.065375114	0.2403303	0	0	0.4343995	0
Summer	NOX_RUNEX	0.0426411	0.1732931	0.0062042	0.0065653	0.161902	0.168208642	0.325479929	2.574020724	0.3636162	0.1525359	0	0.5459102	0.8057555
Summer	NOX_STREX[3]	0	0	0	0	0.0532965	0.029408322	0.429242899	2.397819381	0.4426884	0	0	0.3269966	0
Summer	PM10_IDLEX	0	0	0	0	0.0001871	0.000296918	9.67183E-05	0.002185595	7.642E-05	0	0	0.000241	0
Summer	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060848023	0.13034	0.0765067	0	0.7448002	0.13034
Summer	PM10_PMTW	0.008	0.008	0.008	0.008	0.0099156	0.010849665	0.012000003	0.035479897	0.012	0.0308339	0	0.012	0.016
Summer	PM10_RUNEX	0.0044526	0.0221615	0.0008583	0.000768	0.0023898	0.003358905	0.001664449	0.025108028	0.0024523	0.0011296	0	0.0034264	0.019145
Summer	PM10_STREX	0	0	0	0	4.485E-05	2.16231E-05	0	0	0	0	0	0	0
Summer	PM25_IDLEX	0	0	0	0	0.000179	0.000284073	9.25343E-05	0.002091047	7.311E-05	0	0	0.0002306	0
Summer	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.026077724	0.05586	0.0327886	0	0.3192001	0.05586
Summer	PM25_PMTW	0.002	0.002	0.002	0.002	0.0024789	0.002712416	0.003000001	0.008869974	0.003	0.0077085	0	0.003	0.004
Summer	PM25_RUNEX	0.00426	0.0212028	0.0008212	0.0007348	0.0022775	0.003209117	0.001592446	0.024021866	0.0023462	0.0010807	0	0.0032782	0.0183168
Summer	PM25_STREX	0	0	0	0	4.124E-05	1.98817E-05	0	0	0	0	0	0	0
Summer	ROG_DIURN	0.0117286	0.0133142	0.0091227	0.0092091	0.0061817	0.004848517	0.004646103	0	0.0045313	0.0440424	0	0.0038165	0.440424
Summer	ROG_HTSK	0.004888	0.0039104	0.0039104	0.0039104	0.081978	0.039496786	0.003910421	0	0.0039104	0.0039104	0	0.0039104	0.0039104
Summer	ROG_IDLEX	0	0	0	0	0.0039378	0.002951507	0.001882383	0.454466005	0.0193919	0	0	0.004843	0
Summer	ROG_RESTL	0.005587	0.0063423	0.0043457	0.0043868	0.0023878	0.001262858	0.002213218	0	0.0021585	0.005245	0	0.001818	0.2098004
Summer	ROG_RUNEX	0.0097333	0.0300952	0.0025886	0.0018155	0.019501	0.022638018	0.002434774	0.024033526	0.0026535	0.0002065	0	0.0084119	0.0223055
Summer	ROG_RUNLS	0	0	0	0	0.4940193	0.1919292	0	0	0	0	0	0	0
Summer	ROG_STREX	0	0	0	0	0.0120462	0.006189612	0	0	0	0	0	0	0
Summer	SO2_IDLEX	0	0	0	0	1.745E-05	2.70318E-05	0.000195841	0.009531779	0.0005062	0	0	0.0005444	0
Summer	SO2_RUNEX	0.0018127	0.0007609	0.0004956	0.0006514	0.00149	0.001431326	0.001880085	0.012824028	0.0022054	0.0029128	0	0.0018709	0.0018853
Summer	SO2_STREX	0	0	0	0	2.084E-05	1.34805E-05	0	0	0	0	0	0	0
Summer	TOG_DIURN	0.0117286	0.0133142	0.0091227	0.0092091	0.0047564	0.002609036	0.004646103	0	0.0045313	0.0440424	0	0.0038165	0.440424
Summer	TOG_HTSK	0.004888	0.0039104	0.0039104	0.0039104	0.0815605	0.038840794	0.003910421	0	0.0039104	0.0039104	0	0.0039104	0.0039104
Summer	TOG_IDLEX	0	0	0	0	0.005507	0.003931206	0.002142949	0.517374953	0.0220762	0	0	0.0055134	0
Summer	TOG_RESTL	0.005587	0.0063423	0.0043457	0.0043868	0.0023878	0.001262858	0.002213218	0	0.0021585	0.005245	0	0.001818	0.2098004
Summer	TOG_RUNEX	0.0110807	0.0342614	0.0029469	0.0020669	0.0235377	0.026246517	0.002771805	0.02736034	0.0030208	0.0147502	0	0.0095763	0.0253933
Summer	TOG_RUNLS	0	0	0	0	0.4940193	0.1919292	0	0	0	0	0	0	0
Summer	TOG_STREX	0	0	0	0	0.013189	0.006776846	0	0	0	0	0	0	0

Winter	CH4_IDLEX	0	0	0	0	0.0009264	0.000560307	7.95452E-05	0.01835497	0.0007794	0	0	0.0002074	0
Winter	CH4_RUNEX	0.0004521	0.0013979	0.0001202	8.433E-05	0.0015393	0.00130376	0.000113089	0.001116295	0.0001232	0.0144529	0	0.0003907	0.001036
Winter	CH4_STREX	0	0	0	0	0.0027098	0.001423414	0	0	0	0	0	0	0
Winter	CO_IDLEX	0	0	0	0	0.035075	0.026344965	0.066352249	6.398404077	0.2976023	0	0	0.1676716	0
Winter	CO_RUNEX	0.1775339	0.200228	0.0250437	0.0360948	0.142387	0.121189502	0.023862353	0.24002386	0.0291617	0.0243689	0	0.0311694	0.0792333
Winter	CO_STREX	0	0	0	0	0.2085945	0.113363196	0	0	0	0	0	0	0
Winter	CO2_NBIO_IDLEX	0	0	0	0	1.8036773	2.831444871	20.86973337	1036.976594	55.324589	0	0	56.807138	0
Winter	CO2_NBIO_RUNEX	191.74426	80.491767	52.426916	68.900167	152.84323	148.4237898	199.0033512	1357.398504	233.43322	308.11121	0	198.03325	199.43048
Winter	CO2_NBIO_STREX	0	0	0	0	2.158923	1.390788405	0	0	0	0	0	0	0
Winter	NOX_IDLEX	0	0	0	0	0.0134892	0.020202834	0.139154291	5.632164825	0.2704912	0	0	0.4399121	0
Winter	NOX_RUNEX	0.0449818	0.182786	0.0065456	0.006926	0.1727211	0.177992559	0.343300517	2.711815903	0.3832865	0.1525359	0	0.5768726	0.8498542
Winter	NOX_STREX[3]	0	0	0	0	0.0614479	0.033906881	0.429242899	2.397819381	0.4426884	0	0	0.3269966	0
Winter	PM10_IDLEX	0	0	0	0	0.0001871	0.000296918	0.000136749	0.002921443	9.924E-05	0	0	0.0003406	0
Winter	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060848023	0.13034	0.0765067	0	0.7448002	0.13034
Winter	PM10_PMTW	0.008	0.008	0.008	0.008	0.0099156	0.010849665	0.012000003	0.035479897	0.012	0.0308339	0	0.012	0.016
Winter	PM10_RUNEX	0.0044526	0.0221615	0.0008583	0.000768	0.0023898	0.003358905	0.001664449	0.025108028	0.0024523	0.0011296	0	0.0034264	0.019145
Winter	PM10_STREX	0	0	0	0	4.485E-05	2.16231E-05	0	0	0	0	0	0	0
Winter	PM25_IDLEX	0	0	0	0	0.000179	0.000284073	0.000130833	0.002795063	9.495E-05	0	0	0.0003258	0
Winter	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.026077724	0.05586	0.0327886	0	0.3192001	0.05586
Winter	PM25_PMTW	0.002	0.002	0.002	0.002	0.0024789	0.002712416	0.003000001	0.008869974	0.003	0.0077085	0	0.003	0.004
Winter	PM25_RUNEX	0.00426	0.0212028	0.0008212	0.0007348	0.0022775	0.003209117	0.001592446	0.024021866	0.0023462	0.0010807	0	0.0032782	0.0183168
Winter	PM25_STREX	0	0	0	0	4.124E-05	1.98817E-05	0	0	0	0	0	0	0
Winter	ROG_DIURN	0.0001552	0.0001762	0.0001207	0.0001219	0.0010553	0.000986199	6.14765E-05	0	5.996E-05	0.0005138	0	5.05E-05	0.0189179
Winter	ROG_HTSK	0.004888	0.0039104	0.0039104	0.0039104	0.0776193	0.036070271	0.003910421	0	0.0039104	0.0039104	0	0.0039104	0.0039104
Winter	ROG_IDLEX	0	0	0	0	0.0039378	0.002951507	0.001712586	0.395177471	0.0167797	0	0	0.0044643	0
Winter	ROG_RESTL	1.827E-05	2.074E-05	1.421E-05	1.435E-05	0.0005778	0.000425711	7.23863E-06	0	7.06E-06	1.715E-05	0	5.946E-06	0.0022275
Winter	ROG_RUNEX	0.0097333	0.0300952	0.0025886	0.0018155	0.0191998	0.022540978	0.002434774	0.024033526	0.0026535	0.0002065	0	0.0084119	0.0223055
Winter	ROG_RUNLS	0	0	0	0	0.5622211	0.219825541	0	0	0	0	0	0	0
Winter	ROG_STREX	0	0	0	0	0.0136311	0.00700094	0	0	0	0	0	0	0
Winter	SO2_IDLEX	0	0	0	0	1.745E-05	2.70318E-05	0.000197167	0.009796841	0.0005227	0	0	0.0005367	0
Winter	SO2_RUNEX	0.0018127	0.0007609	0.0004956	0.0006514	0.0014899	0.001431294	0.001880085	0.012824028	0.0022054	0.0029128	0	0.0018709	0.0018853
Winter	SO2_STREX	0	0	0	0	2.136E-05	1.3763E-05	0	0	0	0	0	0	0
Winter	TOG_DIURN	0.0001552	0.0001762	0.0001207	0.0001219	0.0010553	0.000986199	6.14765E-05	0	5.996E-05	0.0005138	0	5.05E-05	0.0189179
Winter	TOG_HTSK	0.004888	0.0039104	0.0039104	0.0039104	0.0776193	0.036070271	0.003910421	0	0.0039104	0.0039104	0	0.0039104	0.0039104
Winter	TOG_IDLEX	0	0	0	0	0.005507	0.003931206	0.001949649	0.449879469	0.0191025	0	0	0.0050823	0
Winter	TOG_RESTL	1.827E-05	2.074E-05	1.421E-05	1.435E-05	0.0005778	0.000425711	7.23863E-06	0	7.06E-06	1.715E-05	0	5.946E-06	0.0022275
Winter	TOG_RUNEX	0.0110807	0.0342614	0.0029469	0.0020669	0.0230981	0.026104916	0.002771805	0.02736034	0.0030208	0.0147502	0	0.0095763	0.0253933
Winter	TOG_RUNLS	0	0	0	0	0.5622211	0.219825541	0	0	0	0	0	0	0
Winter	TOG_STREX	0	0	0	0	0.0149244	0.007665148	0	0	0	0	0	0	0

1 Source: California Air Resources Board. EMFAC2017 Web Database. https://www.arb.ca.gov/emfac/2017/; California Air Pollution Control Officers Association (CAPCOA). 2017, November. California Emissions Estimator Model User's Guide, Version 2016.3.2, Appendix A.

2 Unless otherwise noted, per CalEEMod methodology, the calculated CalEEMod emission rates are derived from the emission rates obtained using the EMFAC2017 Web Database for the Contra Costa (SF) region .

3 Because EMFAC2017 provides vehicle trips data for MHDT and HHDT diesel trucks, the formula provided in Appendix A of the CalEEMod User's Guide in calculating the NO_X STREX emission rates are utilized.

Off-Model SAFE Rule Adjustment Factors for Gasoline Light Duty Vehicle (LDA, LDT1, LDT2, MDV) Emissions in EMFAC2017

Year	NOx Exh	TOG Evap	TOG Exh	PM Exh	CO Exh	CO2 Exh
2021	1.0002	1.0001	1.0002	1.0009	1.0005	1.0023
2022	1.0004	1.0003	1.0004	1.0018	1.0014	1.0065
2023	1.0007	1.0006	1.0007	1.0032	1.0027	1.0126
2024	1.0012	1.001	1.0011	1.0051	1.0044	1.0207
2025	1.0018	1.0016	1.0016	1.0074	1.0065	1.0309
2026	1.0023	1.0022	1.002	1.0091	1.0083	1.0394
2027	1.0028	1.0028	1.0024	1.0105	1.0102	1.0475
2028	1.0034	1.0035	1.0028	1.0117	1.012	1.0554
2029	1.004	1.0042	1.0032	1.0129	1.0138	1.0629
2030	1.0047	1.0051	1.0037	1.0142	1.0156	1.0702
2031	1.0054	1.0061	1.0042	1.0155	1.0173	1.077
2032	1.0061	1.0072	1.0047	1.0169	1.0189	1.0834
2033	1.0068	1.0083	1.0052	1.0182	1.0204	1.0893
2034	1.0075	1.0095	1.0058	1.0196	1.0218	1.0947
2035	1.0081	1.0108	1.0063	1.021	1.0232	1.0997
2036	1.0088	1.0121	1.0069	1.0223	1.0244	1.1041
2037	1.0094	1.0134	1.0074	1.0236	1.0255	1.108
2038	1.0099	1.0148	1.0079	1.0248	1.0265	1.1114
2039	1.0104	1.0161	1.0085	1.0259	1.0274	1.1143
2040	1.0109	1.0174	1.009	1.027	1.0281	1.1168
2041	1.0113	1.0186	1.0095	1.0279	1.0288	1.1189
2042	1.0116	1.0198	1.0099	1.0286	1.0294	1.1207
2043	1.0119	1.0207	1.0103	1.0293	1.0299	1.1221
2044	1.0122	1.0216	1.0106	1.0299	1.0303	1.1233
2045	1.0124	1.0225	1.0109	1.0303	1.0306	1.1243
2046	1.0125	1.0233	1.0111	1.0308	1.0309	1.1251
2047	1.0127	1.024	1.0113	1.0311	1.0311	1.1258
2048	1.0128	1.0246	1.0115	1.0314	1.0313	1.1263
2049	1.0128	1.0252	1.0116	1.0316	1.0315	1.1268
2050	1.0129	1.0257	1.0117	1.0318	1.0316	1.1272

Sources: California Air Resources Board. 2019, November 20. EMFAC Off-Model Adjustment Factors to Account for the SAFE Vehicles Rule Part One and the Final Safe Rule. hhttps://ww3.arb.ca.gov/msei/emfac_off_model_adjustment_factors_final_draft.pdf; California Air Resources Board. 2020, June 26. EMFAC Off-Model Adjustment Factors for Carbon Dioxide (CO2) Emissions to Account for the SAFE Vehicles Rule Part One and the Final Safe Rule. https://ww3.arb.ca.gov/msei/emfac_off_model_co2_adjustment_factors_06262020-final.pdf.

LDA CalEEMod Emission Rate Worksheet

Vehicle Class: LDA

Pollutant	CARB SAFE Rule Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	LDA Gas	LDA DSL	LDA Elec	LDA Gas	LDA DSL	LDA Elec	LDA Gas	LDA DSL	LDA Elec	
CH4_IDLEX		0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
CH4_RUNEX		0	0.000452091	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.000452091**
CH4_STREX		0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
CO_IDLEX	1.0065	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
CO_RUNEX	1.0065	0	0.177533885	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.177533885**
CO_STREX	1.0065	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
CO2_NBIO_IDLEX	1.0309	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
CO2_NBIO_RUNEX	1.0309	0	191.7442569	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**191.7442569**
CO2_NBIO_STREX	1.0309	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
NOX_IDLEX	1.0018	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
NOX_RUNEX	1.0018	0	0.044331971	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.044331971**
NOX_STREX	1.0018	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
PM10_IDLEX	1.0074	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
PM10_PMBW		0	0.036750011	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.008000002**
PM10_RUNEX	1.0074	0	0.004452604	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.004452604**
PM10_STREX	1.0074	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
PM25_IDLEX	1.0074	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
PM25_PMBW		0	0.015750005	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.002000001**
PM25_RUNEX	1.0074	0	0.004259986	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.004259986**
PM25_STREX	1.0074	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
ROG_DIURN		0	0.016340367	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.00348117**
ROG_HTSK		0	0.004888026	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.004888026**
ROG_IDLEX		0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
ROG_RESTL		0	0.0050371	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.00107311**
ROG_RUNEX		0	0.009733262	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.009733262**
ROG_RUNLS		0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
ROG_STREX		0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
SO2_IDLEX		0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
SO2_RUNEX		0	0.001812673	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.001812673**
SO2_STREX		0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
TOG_DIURN	1.0016	0	0.016340367	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.00348117**
TOG_HTSK	1.0016	0	0.004888026	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.004888026**
TOG_IDLEX	1.0016	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
TOG_RESTL	1.0016	0	0.0050371	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.00107311**
TOG_RUNEX	1.0016	0	0.011080672	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.011080672**
TOG_RUNLS	1.0016	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
TOG_STREX	1.0016	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
CH4_IDLEX		0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
CH4_RUNEX		0	0.000452091	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.000452091**
CH4_STREX		0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
CO_IDLEX	1.0065	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
CO_RUNEX	1.0065	0	0.177533885	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.177533885**
CO_STREX	1.0065	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
CO2_NBIO_IDLEX	1.0309	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
CO2_NBIO_RUNEX	1.0309	0	191.7442569	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**191.7442569**
CO2_NBIO_STREX	1.0309	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
NOX_IDLEX	1.0018	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
NOX_RUNEX	1.0018	0	0.042641065	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.042641065**
NOX_STREX	1.0018	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
PM10_IDLEX	1.0074	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
PM10_PMBW		0	0.036750011	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.008000002**
PM10_RUNEX	1.0074	0	0.004452604	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.004452604**
PM10_STREX	1.0074	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
PM25_IDLEX	1.0074	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
PM25_PMBW		0	0.015750005	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.002000001**
PM25_RUNEX	1.0074	0	0.004259986	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.004259986**
PM25_STREX	1.0074	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
ROG_DIURN		0	0.055052995	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.011728553**
ROG_HTSK		0	0.004888026	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.004888026**
ROG_IDLEX		0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
ROG_RESTL		0	0.026225054	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.005587016**
ROG_RUNEX		0	0.009733262	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.009733262**
ROG_RUNLS		0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
ROG_STREX		0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
SO2_IDLEX		0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
SO2_RUNEX		0	0.001812673	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.001812673**
SO2_STREX		0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
TOG_DIURN	1.0016	0	0.055052995	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.011728553**
TOG_HTSK	1.0016	0	0.004888026	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.004888026**
TOG_IDLEX	1.0016	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
TOG_RESTL	1.0016	0	0.026225054	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.005587016**
TOG_RUNEX	1.0016	0	0.011080672	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.011080672**
TOG_RUNLS	1.0016	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
TOG_STREX	1.0016	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**

CH4_IDLEX		0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
CH4_RUNEX		0	0.000452091	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0.000452091**
CH4_STREX		0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
CO_IDLEX	1.0065	0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
CO_RUNEX	1.0065	0	0.177533885	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0.177533885**
CO_STREX	1.0065	0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
CO2_NBIO_IDLEX	1.0309	0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
CO2_NBIO_RUNEX	1.0309	0	191.7442569	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**191.7442569**
CO2_NBIO_STREX	1.0309	0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
NOX_IDLEX	1.0018	0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
NOX_RUNEX	1.0018	0	0.044981837	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0.044981837**
NOX_STREX	1.0018	0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
PM10_IDLEX	1.0074	0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
PM10_PMBW		0	0.036750011	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0.008000002**
PM10_RUNEX	1.0074	0	0.004452604	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0.004452604**
PM10_STREX	1.0074	0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
PM25_IDLEX	1.0074	0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
PM25_PMBW		0	0.015750005	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0.002000001**
PM25_RUNEX	1.0074	0	0.004259986	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0.004259986**
PM25_STREX	1.0074	0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
ROG_DIURN		0	0.000728453	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0.00015519**
ROG_HTSK		0	0.004888026	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0.004888026**
ROG_IDLEX		0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
ROG_RESTL		0	8.57726E-05	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**1.82731E-05**
ROG_RUNEX		0	0.009733262	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0.009733262**
ROG_RUNLS		0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
ROG_STREX		0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
SO2_IDLEX		0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
SO2_RUNEX		0	0.001812673	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0.001812673**
SO2_STREX		0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
TOG_DIURN	1.0016	0	0.000728453	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0.00015519**
TOG_HTSK	1.0016	0	0.004888026	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0.004888026**
TOG_IDLEX	1.0016	0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
TOG_RESTL	1.0016	0	8.57726E-05	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**1.82731E-05**
TOG_RUNEX	1.0016	0	0.011080672	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0.011080672**
TOG_RUNLS	1.0016	0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
TOG_STREX	1.0016	0.00000000	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**

LDT1 CalEEMod Emission Rate Worksheet

Vehicle Class: LDT1

Percent Zero Emission: 80%

Adjustment Factor: 0.2

Pollutant	CARB SAFE Rule Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	LDT1 Gas	LDT1 DSL	LDT1 Elec	LDT1 Gas	LDT1 DSL	LDT1 Elec	LDT1 Gas	LDT1 DSL	LDT1 Elec	
CH4_IDLEX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
CH4_RUNEX		0	0.00698933	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.001397866**
CH4_STREX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
CO_IDLEX	1.0065	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
CO_RUNEX	1.0065	0	1.00113976	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.200227952**
CO_STREX	1.0065	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
CO2_NBIO_IDLEX	1.0309	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
CO2_NBIO_RUNEX	1.0309	0	402.4588327	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**80.49176654**
CO2_NBIO_STREX	1.0309	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
NOX_IDLEX	1.0018	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
NOX_RUNEX	1.0018	0	0.900778002	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.1801556**
NOX_STREX	1.0018	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
PM10_IDLEX	1.0074	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
PM10_PMBW		0	0.036750011	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.008000002**
PM10_RUNEX	1.0074	0	0.110807313	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.022161463**
PM10_STREX	1.0074	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
PM25_IDLEX	1.0074	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
PM25_PMBW		0	0.015750005	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.002000001**
PM25_RUNEX	1.0074	0	0.106013838	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.021202768**
PM25_STREX	1.0074	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
ROG_DIURN		0	0.016340367	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.003951804**
ROG_HTSK		0	0.004888026	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.003910421**
ROG_IDLEX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
ROG_RESTL		0	0.0050371	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.001218188**
ROG_RUNEX		0	0.150476165	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.030095233**
ROG_RUNLS		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
ROG_STREX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
SO2_IDLEX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
SO2_RUNEX		0	0.003804683	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.000760937**
SO2_STREX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
TOG_DIURN	1.0016	0	0.016340367	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.003951804**
TOG_HTSK	1.0016	0	0.004888026	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.003910421**
TOG_IDLEX	1.0016	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
TOG_RESTL	1.0016	0	0.0050371	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.001218188**
TOG_RUNEX	1.0016	0	0.17130711	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.034261422**
TOG_RUNLS	1.0016	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
TOG_STREX	1.0016	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
CH4_IDLEX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
CH4_RUNEX		0	0.00698933	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.001397866**
CH4_STREX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
CO_IDLEX	1.0065	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
CO_RUNEX	1.0065	0	1.00113976	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.200227952**
CO_STREX	1.0065	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
CO2_NBIO_IDLEX	1.0309	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
CO2_NBIO_RUNEX	1.0309	0	402.4588327	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**80.49176654**
CO2_NBIO_STREX	1.0309	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
NOX_IDLEX	1.0018	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
NOX_RUNEX	1.0018	0	0.86646529	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.173293058**
NOX_STREX	1.0018	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
PM10_IDLEX	1.0074	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
PM10_PMBW		0	0.036750011	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.008000002**
PM10_RUNEX	1.0074	0	0.110807313	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.022161463**
PM10_STREX	1.0074	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
PM25_IDLEX	1.0074	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
PM25_PMBW		0	0.015750005	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.002000001**
PM25_RUNEX	1.0074	0	0.106013838	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.021202768**
PM25_STREX	1.0074	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
ROG_DIURN		0	0.055052995	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.013314183**
ROG_HTSK		0	0.004888026	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.003910421**
ROG_IDLEX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
ROG_RESTL		0	0.026225054	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.006342347**
ROG_RUNEX		0	0.150476165	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.030095233**
ROG_RUNLS		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
ROG_STREX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
SO2_IDLEX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
SO2_RUNEX		0	0.003804683	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.000760937**
SO2_STREX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
TOG_DIURN	1.0016	0	0.055052995	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.013314183**
TOG_HTSK	1.0016	0	0.004888026	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.003910421**
TOG_IDLEX	1.0016	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
TOG_RESTL	1.0016	0	0.026225054	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.006342347**
TOG_RUNEX	1.0016	0	0.17130711	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.034261422**
TOG_RUNLS	1.0016	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
TOG_STREX	1.0016	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**

CH4_IDLEX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
CH4_RUNEX		0	0.00698933	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.001397866**
CH4_STREX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
CO_IDLEX	1.0065	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
CO_RUNEX	1.0065	0	1.00113976	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.200227952**
CO_STREX	1.0065	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
CO2_NBIO_IDLEX	1.0309	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
CO2_NBIO_RUNEX	1.0309	0	402.4588327	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**80.49176654**
CO2_NBIO_STREX	1.0309	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
NOX_IDLEX	1.0018	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
NOX_RUNEX	1.0018	0	0.913930126	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.182786025**
NOX_STREX	1.0018	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
PM10_IDLEX	1.0074	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
PM10_PMBW		0	0.036750011	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.008000002**
PM10_RUNEX	1.0074	0	0.110807313	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.022161463**
PM10_STREX	1.0074	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
PM25_IDLEX	1.0074	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
PM25_PMBW		0	0.015750005	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.002000001**
PM25_RUNEX	1.0074	0	0.106013838	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.021202768**
PM25_STREX	1.0074	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
ROG_DIURN		0	0.000728453	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.000176171**
ROG_HTSK		0	0.004888026	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.003910421**
ROG_IDLEX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
ROG_RESTL		0	8.57726E-05	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**2.07435E-05**
ROG_RUNEX		0	0.150476165	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.030095233**
ROG_RUNLS		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
ROG_STREX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
SO2_IDLEX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
SO2_RUNEX		0	0.003804683	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.000760937**
SO2_STREX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
TOG_DIURN	1.0016	0	0.000728453	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.000176171**
TOG_HTSK	1.0016	0	0.004888026	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.003910421**
TOG_IDLEX	1.0016	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
TOG_RESTL	1.0016	0	8.57726E-05	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**2.07435E-05**
TOG_RUNEX	1.0016	0	0.17130711	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.034261422**
TOG_RUNLS	1.0016	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
TOG_STREX	1.0016	0.00000000	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**

LDT2 CalEEMod Emission Rate Worksheet

Vehicle Class: LDT2

Percent Zero Emission: 80%

Adjustment Factor: 0.2

Pollutant	CARB SAFE Rule Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	LDT2 Gas	LDT2 DSL	LDT2 Elec	LDT2 Gas	LDT2 DSL	LDT2 Elec	LDT2 Gas	LDT2 DSL	LDT2 Elec	
CH4_IDLEX		0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
CH4_RUNEX		0	0.000601172	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.000120234**
CH4_STREX		0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
CO_IDLEX	1.0065	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
CO_RUNEX	1.0065	0	0.125218391	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.025043678**
CO_STREX	1.0065	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
CO2_NBIO_IDLEX	1.0309	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
CO2_NBIO_RUNEX	1.0309	0	262.1345782	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**52.42691565**
CO2_NBIO_STREX	1.0309	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
NOX_IDLEX	1.0018	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
NOX_RUNEX	1.0018	0	0.032253068	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.006450614**
NOX_STREX	1.0018	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
PM10_IDLEX	1.0074	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
PM10_PMBW		0	0.036750011	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.008000002**
PM10_RUNEX	1.0074	0	0.004291476	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.000858295**
PM10_STREX	1.0074	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
PM25_IDLEX	1.0074	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
PM25_PMBW		0	0.015750005	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.002000001**
PM25_RUNEX	1.0074	0	0.004105828	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.000821166**
PM25_STREX	1.0074	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
ROG_DIURN		0	0.016340367	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.002707731**
ROG_HTSK		0	0.004888026	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.003910421**
ROG_IDLEX		0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
ROG_RESTL		0	0.0050371	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.000834688**
ROG_RUNEX		0	0.01294288	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.002588576**
ROG_RUNLS		0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
ROG_STREX		0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
SO2_IDLEX		0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
SO2_RUNEX		0	0.002478114	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.000495623**
SO2_STREX		0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
TOG_DIURN	1.0016	0	0.016340367	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.002707731**
TOG_HTSK	1.0016	0	0.004888026	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.003910421**
TOG_IDLEX	1.0016	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
TOG_RESTL	1.0016	0	0.0050371	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.000834688**
TOG_RUNEX	1.0016	0	0.014734608	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.002946922**
TOG_RUNLS	1.0016	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
TOG_STREX	1.0016	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
CH4_IDLEX		0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
CH4_RUNEX		0	0.000601172	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.000120234**
CH4_STREX		0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
CO_IDLEX	1.0065	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
CO_RUNEX	1.0065	0	0.125218391	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.025043678**
CO_STREX	1.0065	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
CO2_NBIO_IDLEX	1.0309	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
CO2_NBIO_RUNEX	1.0309	0	262.1345782	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**52.42691565**
CO2_NBIO_STREX	1.0309	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
NOX_IDLEX	1.0018	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
NOX_RUNEX	1.0018	0	0.031021039	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.006204208**
NOX_STREX	1.0018	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
PM10_IDLEX	1.0074	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
PM10_PMBW		0	0.036750011	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.008000002**
PM10_RUNEX	1.0074	0	0.004291476	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.000858295**
PM10_STREX	1.0074	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
PM25_IDLEX	1.0074	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
PM25_PMBW		0	0.015750005	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.002000001**
PM25_RUNEX	1.0074	0	0.004105828	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.000821166**
PM25_STREX	1.0074	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
ROG_DIURN		0	0.055052995	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.009122727**
ROG_HTSK		0	0.004888026	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.003910421**
ROG_IDLEX		0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
ROG_RESTL		0	0.026225054	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.004345704**
ROG_RUNEX		0	0.01294288	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.002588576**
ROG_RUNLS		0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
ROG_STREX		0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
SO2_IDLEX		0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
SO2_RUNEX		0	0.002478114	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.000495623**
SO2_STREX		0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
TOG_DIURN	1.0016	0	0.055052995	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.009122727**
TOG_HTSK	1.0016	0	0.004888026	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.003910421**
TOG_IDLEX	1.0016	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
TOG_RESTL	1.0016	0	0.026225054	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.004345704**
TOG_RUNEX	1.0016	0	0.014734608	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.002946922**
TOG_RUNLS	1.0016	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
TOG_STREX	1.0016	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**

CH4_IDLEX		0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
CH4_RUNEX		0	0.000601172	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0.000120234**
CH4_STREX		0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
CO_IDLEX	1.0065	0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
CO_RUNEX	1.0065	0	0.125218391	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0.025043678**
CO_STREX	1.0065	0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
CO2_NBIO_IDLEX	1.0309	0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
CO2_NBIO_RUNEX	1.0309	0	262.1345782	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**52.42691565**
CO2_NBIO_STREX	1.0309	0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
NOX_IDLEX	1.0018	0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
NOX_RUNEX	1.0018	0	0.032728023	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0.006545605**
NOX_STREX	1.0018	0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
PM10_IDLEX	1.0074	0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
PM10_PMBW		0	0.036750011	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0.008000002**
PM10_RUNEX	1.0074	0	0.004291476	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0.000858295**
PM10_STREX	1.0074	0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
PM25_IDLEX	1.0074	0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
PM25_PMBW		0	0.015750005	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0.002000001**
PM25_RUNEX	1.0074	0	0.004105828	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0.000821166**
PM25_STREX	1.0074	0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
ROG_DIURN		0	0.000728453	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0.000120711**
ROG_HTSK		0	0.004888026	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0.003910421**
ROG_IDLEX		0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
ROG_RESTL		0	8.57726E-05	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**1.42132E-05**
ROG_RUNEX		0	0.01294288	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0.002588576**
ROG_RUNLS		0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
ROG_STREX		0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
SO2_IDLEX		0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
SO2_RUNEX		0	0.002478114	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0.000495623**
SO2_STREX		0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
TOG_DIURN	1.0016	0	0.000728453	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0.000120711**
TOG_HTSK	1.0016	0	0.004888026	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0.003910421**
TOG_IDLEX	1.0016	0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
TOG_RESTL	1.0016	0	8.57726E-05	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**1.42132E-05**
TOG_RUNEX	1.0016	0	0.014734608	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0.002946922**
TOG_RUNLS	1.0016	0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
TOG_STREX	1.0016	0.00000000	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**

MDV CalEEMod Emission Rate Worksheet

Percent Zero Emission: 80%

Vehicle Class: MDV

Adjustment Factor: 0.2

Pollutant	CARB SAFE Rule Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	MDV Gas	MDV DSL	MDV Elec	MDV Gas	MDV DSL	MDV Elec	MDV Gas	MDV DSL	MDV Elec	
CH4_IDLEX		0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
CH4_RUNEX		0	0.000421641	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**8.43281E-05**
CH4_STREX		0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
CO_IDLEX	1.0065	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
CO_RUNEX	1.0065	0	0.180474075	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.036094815**
CO_STREX	1.0065	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
CO2_NBIO_IDLEX	1.0309	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
CO2_NBIO_RUNEX	1.0309	0	344.5008332	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**68.90016664**
CO2_NBIO_STREX	1.0309	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
NOX_IDLEX	1.0018	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
NOX_RUNEX	1.0018	0	0.034128715	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.006825743**
NOX_STREX	1.0018	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
PM10_IDLEX	1.0074	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
PM10_PMBW		0	0.036750011	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.008000002**
PM10_RUNEX	1.0074	0	0.003839889	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.000767978**
PM10_STREX	1.0074	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
PM25_IDLEX	1.0074	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
PM25_PMBW		0	0.015750005	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.002000001**
PM25_RUNEX	1.0074	0	0.003673777	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.000734755**
PM25_STREX	1.0074	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
ROG_DIURN		0	0.016340367	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.002733361**
ROG_HTSK		0	0.004888026	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.003910421**
ROG_IDLEX		0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
ROG_RESTL		0	0.0050371	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.000842589**
ROG_RUNEX		0	0.009077676	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.001815535**
ROG_RUNLS		0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
ROG_STREX		0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
SO2_IDLEX		0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
SO2_RUNEX		0	0.003256772	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.000651354**
SO2_STREX		0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
TOG_DIURN	1.0016	0	0.016340367	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.002733361**
TOG_HTSK	1.0016	0	0.004888026	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.003910421**
TOG_IDLEX	1.0016	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
TOG_RESTL	1.0016	0	0.0050371	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.000842589**
TOG_RUNEX	1.0016	0	0.01033433	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.002066866**
TOG_RUNLS	1.0016	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
TOG_STREX	1.0016	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
CH4_IDLEX		0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
CH4_RUNEX		0	0.000421641	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**8.43281E-05**
CH4_STREX		0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
CO_IDLEX	1.0065	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
CO_RUNEX	1.0065	0	0.180474075	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.036094815**
CO_STREX	1.0065	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
CO2_NBIO_IDLEX	1.0309	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
CO2_NBIO_RUNEX	1.0309	0	344.5008332	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**68.90016664**
CO2_NBIO_STREX	1.0309	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
NOX_IDLEX	1.0018	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
NOX_RUNEX	1.0018	0	0.032826325	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.006565265**
NOX_STREX	1.0018	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
PM10_IDLEX	1.0074	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
PM10_PMBW		0	0.036750011	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.008000002**
PM10_RUNEX	1.0074	0	0.003839889	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.000767978**
PM10_STREX	1.0074	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
PM25_IDLEX	1.0074	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
PM25_PMBW		0	0.015750005	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.002000001**
PM25_RUNEX	1.0074	0	0.003673777	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.000734755**
PM25_STREX	1.0074	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
ROG_DIURN		0	0.055052995	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.009209079**
ROG_HTSK		0	0.004888026	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.003910421**
ROG_IDLEX		0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
ROG_RESTL		0	0.026225054	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.004386838**
ROG_RUNEX		0	0.009077676	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.001815535**
ROG_RUNLS		0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
ROG_STREX		0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
SO2_IDLEX		0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
SO2_RUNEX		0	0.003256772	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.000651354**
SO2_STREX		0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
TOG_DIURN	1.0016	0	0.055052995	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.009209079**
TOG_HTSK	1.0016	0	0.004888026	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.003910421**
TOG_IDLEX	1.0016	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
TOG_RESTL	1.0016	0	0.026225054	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.004386838**
TOG_RUNEX	1.0016	0	0.01033433	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.002066866**
TOG_RUNLS	1.0016	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
TOG_STREX	1.0016	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**

CH4_IDLEX		0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
CH4_RUNEX		0	0.000421641	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**8.43281E-05**
CH4_STREX		0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
CO_IDLEX	1.0065	0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
CO_RUNEX	1.0065	0	0.180474075	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0.036094815**
CO_STREX	1.0065	0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
CO2_NBIO_IDLEX	1.0309	0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
CO2_NBIO_RUNEX	1.0309	0	344.5008332	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**68.90016664**
CO2_NBIO_STREX	1.0309	0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
NOX_IDLEX	1.0018	0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
NOX_RUNEX	1.0018	0	0.03462978	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0.006925956**
NOX_STREX	1.0018	0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
PM10_IDLEX	1.0074	0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
PM10_PMBW		0	0.036750011	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0.008000002**
PM10_RUNEX	1.0074	0	0.003839889	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0.000767978**
PM10_STREX	1.0074	0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
PM25_IDLEX	1.0074	0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
PM25_PMBW		0	0.015750005	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0.002000001**
PM25_RUNEX	1.0074	0	0.003673777	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0.000734755**
PM25_STREX	1.0074	0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
ROG_DIURN		0	0.000728453	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0.000121853**
ROG_HTSK		0	0.004888026	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0.003910421**
ROG_IDLEX		0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
ROG_RESTL		0	8.57726E-05	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**1.43478E-05**
ROG_RUNEX		0	0.009077676	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0.001815535**
ROG_RUNLS		0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
ROG_STREX		0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
SO2_IDLEX		0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
SO2_RUNEX		0	0.003256772	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0.000651354**
SO2_STREX		0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
TOG_DIURN	1.0016	0	0.000728453	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0.000121853**
TOG_HTSK	1.0016	0	0.004888026	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0.003910421**
TOG_IDLEX	1.0016	0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
TOG_RESTL	1.0016	0	8.57726E-05	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**1.43478E-05**
TOG_RUNEX	1.0016	0	0.01033433	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0.002066866**
TOG_RUNLS	1.0016	0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
TOG_STREX	1.0016	0.00000000	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**

LHDT1 CalEEMod Emission Rate Worksheet

Percent Zero Emission: 80%

Vehicle Class: LHDT1 | Adjustment Factor: 0.2

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
	Gas	DSL	ELEC	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	
CH4_IDLEX	0.116279679	0.005098128	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.000928964**
CH4_RUNEX	0.008197732	0.007435485	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.001566538**
CH4_STREX	0.022459338	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.002573606**
CO_IDLEX	3.757179916	0.909745076	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.035074992**
CO_RUNEX	0.727278981	0.718803693	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.144644032**
CO_STREX	1.691376124	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.193814093**
CO2_NBIO_IDLEX	118.5973741	131.2954383	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**1.803677276**
CO2_NBIO_RUNEX	976.4709547	533.3014037	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**152.847378**
CO2_NBIO_STREX	18.61464377	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**2.133044361**
NOX_IDLEX	0.036221741	1.945581701	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.01348921**
NOX_RUNEX	0.189914744	1.560116212	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.169220948**
NOX_STREX	0.50236624	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.05756594**
PM10_IDLEX	0	0.027554192	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.000187095**
PM10_PMBW	0.076440022	0.076440022	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.076440022**
PM10_PMTW	0.008000002	0.012000003	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.009915604**
PM10_RUNEX	0.002289795	0.022458877	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.002389755**
PM10_STREX	0.000391438	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**4.48547E-05**
PM25_IDLEX	0	0.02636221	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.000179001**
PM25_PMBW	0.032760009	0.032760009	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.032760009**
PM25_PMTW	0.002000001	0.003000001	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.002478901**
PM25_RUNEX	0.002105382	0.021487316	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.002277479**
PM25_STREX	0.000359913	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**4.12423E-05**
ROG_DIURN	0.044275875	0.013072293	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.002146514**
ROG_HTSK	0.121904785	0.003910421	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.071515049**
ROG_IDLEX	0.415078347	0.109759705	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.003937786**
ROG_RESTL	0.025628213	0.00402968	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.001122386**
ROG_RUNEX	0.038382217	0.160081618	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.019332821**
ROG_RUNLS	0.88434862	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.50668572**
ROG_STREX	0.112584543	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.012901016**
SO2_IDLEX	0.001173617	0.001241214	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**1.74546E-05**
SO2_RUNEX	0.009662972	0.005041616	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.001489961**
SO2_STREX	0.000184207	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**2.11082E-05**
TOG_DIURN	0.044275875	0.013072293	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.002146514**
TOG_HTSK	0.121904785	0.003910421	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.071515049**
TOG_IDLEX	0.605681349	0.124954127	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.005506951**
TOG_RESTL	0.025628213	0.00402968	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.001122386**
TOG_RUNEX	0.05600724	0.182242279	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.02329225**
TOG_RUNLS	0.88434862	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.50668572**
TOG_STREX	0.123265903	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.014124989**
CH4_IDLEX	0.116672916	0.005098128	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.000931988**
CH4_RUNEX	0.008523831	0.007435485	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.001600524**
CH4_STREX	0.021057806	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.002413005**
CO_IDLEX	3.757179916	0.909745076	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.035074992**
CO_RUNEX	0.755232609	0.718803693	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.147557358**
CO_STREX	1.555332671	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.17822493**
CO2_NBIO_IDLEX	118.5973741	131.2954383	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**1.803677276**
CO2_NBIO_RUNEX	976.5222237	533.3014037	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**152.8527213**
CO2_NBIO_STREX	18.37396454	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**2.105465027**
NOX_IDLEX	0.036221741	1.945581701	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.01348921**
NOX_RUNEX	0.169564866	1.505845223	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.161902006**
NOX_STREX	0.465107291	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.053296453**
PM10_IDLEX	0	0.027554192	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.000187095**
PM10_PMBW	0.076440022	0.076440022	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.076440022**
PM10_PMTW	0.008000002	0.012000003	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.009915604**
PM10_RUNEX	0.002289795	0.022458877	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.002389755**
PM10_STREX	0.000391438	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**4.48547E-05**
PM25_IDLEX	0	0.02636221	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.000179001**
PM25_PMBW	0.032760009	0.032760009	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.032760009**
PM25_PMTW	0.002000001	0.003000001	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.002478901**
PM25_RUNEX	0.002105382	0.021487316	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.002277479**
PM25_STREX	0.000359913	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**4.12423E-05**
ROG_DIURN	0.112141878	0.055052995	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.006181675**
ROG_HTSK	0.139437682	0.004888026	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.081977974**
ROG_IDLEX	0.415078347	0.109759705	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.003937786**
ROG_RESTL	0.058532063	0.00402968	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.00238776**
ROG_RUNEX	0.039996296	0.160081618	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.01950104**
ROG_RUNLS	0.862241096	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.49401926**
ROG_STREX	0.105124519	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.012046175**
SO2_IDLEX	0.001173617	0.001241214	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**1.74546E-05**
SO2_RUNEX	0.009663479	0.005041616	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.001490013**
SO2_STREX	0.000181825	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**2.08353E-05**
TOG_DIURN	0.112141878	0.013072293	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.004756418**
TOG_HTSK	0.139437682	0.003910421	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.081560486**
TOG_IDLEX	0.605681349	0.124954127	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.005506951**
TOG_RESTL	0.058532063	0.00402968	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.00238776**
TOG_RUNEX	0.058362502	0.182242279	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.023537715**
TOG_RUNLS	0.862241096	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.49401926**
TOG_STREX	0.115098116	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.013189046**

CH4_IDLEX	0.115952235	0.005098128	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.000926445**
CH4_RUNEX	0.007936745	0.007435485	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.001539338**
CH4_STREX	0.023647847	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.002709797**
CO_IDLEX	3.757179916	0.909745076	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.035074992**
CO_RUNEX	0.70562301	0.718803693	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.142387049**
CO_STREX	1.820361617	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.208594488**
CO2_NBIO_IDLEX	118.5973741	131.2954383	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**1.803677276**
CO2_NBIO_RUNEX	976.4311224	533.3014037	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**152.8432267**
CO2_NBIO_STREX	18.84048159	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**2.158923023**
NOX_IDLEX	0.036221741	1.945581701	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.01348921**
NOX_RUNEX	0.202900117	1.582529956	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.172721073**
NOX_STREX	0.536243533	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.061447926**
PM10_IDLEX	0	0.027554192	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.000187095**
PM10_PMBW	0.076440022	0.076440022	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.076440022**
PM10_PMTW	0.008000002	0.012000003	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.009915604**
PM10_RUNEX	0.002289795	0.022458877	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.002389755**
PM10_STREX	0.000391438	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**4.48547E-05**
PM25_IDLEX	0	0.02636221	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.000179001**
PM25_PMBW	0.032760009	0.032760009	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.032760009**
PM25_PMTW	0.002000001	0.003000001	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.002478901**
PM25_RUNEX	0.002105382	0.021487316	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.002277479**
PM25_STREX	0.000359913	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**4.12423E-05**
ROG_DIURN	0.015900886	0.013072293	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.001055304**
ROG_HTSK	0.132558901	0.003910421	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.077619303**
ROG_IDLEX	0.415078347	0.109759705	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.003937786**
ROG_RESTL	0.011466487	0.00402968	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.000577772**
ROG_RUNEX	0.037105429	0.160081618	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.019199754**
ROG_RUNLS	0.981277884	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.562221142**
ROG_STREX	0.118955943	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.013631112**
SO2_IDLEX	0.001173617	0.001241214	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**1.74546E-05**
SO2_RUNEX	0.009662578	0.005041616	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.001489919**
SO2_STREX	0.000186442	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**2.13643E-05**
TOG_DIURN	0.015900886	0.013072293	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.001055304**
TOG_HTSK	0.132558901	0.003910421	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.077619303**
TOG_IDLEX	0.605681349	0.124954127	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.005506951**
TOG_RESTL	0.011466487	0.00402968	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.000577772**
TOG_RUNEX	0.054144156	0.182242279	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.023098079**
TOG_RUNLS	0.981277884	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.562221142**
TOG_STREX	0.130241784	0	0	9932.084038	8768.224716	0	344406.6046	316516.1606	0	147973.2534	110293.2365	0	**0.014924352**

LHDT2 CalEEMod Emission Rate Worksheet

Percent Zero Emission: 80%

Vehicle Class: LHDT2

Adjustment Factor: 0.2

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	ELEC	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	Rate
CH4_IDLEX	0.114875665	0.005098128	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.000561717**
CH4_RUNEX	0.005756949	0.006897399	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.001313885**
CH4_STREX	0.020552031	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.001352245**
CO_IDLEX	3.767596303	0.909745076	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.026344965**
CO_RUNEX	0.467051678	0.667362056	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.121951183**
CO_STREX	1.602600589	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.105444985**
CO2_NBIO_IDLEX	135.4179749	209.3334972	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**2.831444871**
CO2_NBIO_RUNEX	1107.000405	594.8351832	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**148.4251838**
CO2_NBIO_STREX	20.92802201	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**1.37698375**
NOX_IDLEX	0.035147253	1.879035557	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.020202834**
NOX_RUNEX	0.163506996	1.162032381	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.174974408**
NOX_STREX	0.482759296	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.031763714**
PM10_IDLEX	0	0.027829692	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.000296918**
PM10_PMBW	0.089180026	0.089180026	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.089180026**
PM10_PMTW	0.008000002	0.012000003	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.010849665**
PM10_RUNEX	0.002091147	0.022729912	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.003358905**
PM10_STREX	0.000328638	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**2.16231E-05**
PM25_IDLEX	0	0.026625792	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.000284073**
PM25_PMBW	0.038220011	0.038220011	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.038220011**
PM25_PMTW	0.002000001	0.003000001	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.002712416**
PM25_RUNEX	0.001922733	0.021746626	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.003209117**
PM25_STREX	0.00030217	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**1.98817E-05**
ROG_DIURN	0.034367372	0.013072293	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.00145623**
ROG_HTSK	0.096342678	0.003910421	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.034318865**
ROG_IDLEX	0.403159572	0.109759705	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.002951507**
ROG_RESTL	0.020818791	0.00402968	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.000674675**
ROG_RUNEX	0.024792324	0.148496932	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.022584283**
ROG_RUNLS	0.598583206	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.19692242**
ROG_STREX	0.100726776	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.006627436**
SO2_IDLEX	0.001340071	0.001978954	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**2.70318E-05**
SO2_RUNEX	0.010954666	0.005623332	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.001431308**
SO2_STREX	0.0002071	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**1.36264E-05**
TOG_DIURN	0.034367372	0.013072293	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.00145623**
TOG_HTSK	0.096342678	0.003910421	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.034318865**
TOG_IDLEX	0.588289502	0.124954127	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.003931206**
TOG_RESTL	0.020818791	0.00402968	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.000674675**
TOG_RUNEX	0.036176901	0.169053885	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.026168107**
TOG_RUNLS	0.598583206	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.19692242**
TOG_STREX	0.110283141	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.007256209**
CH4_IDLEX	0.115258918	0.005098128	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.000563409**
CH4_RUNEX	0.005974165	0.006897399	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.001326378**
CH4_STREX	0.019274863	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.001268212**
CO_IDLEX	3.767596303	0.909745076	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.026344965**
CO_RUNEX	0.484094351	0.667362056	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.122931424**
CO_STREX	1.475395374	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.097075369**
CO2_NBIO_IDLEX	135.4179749	209.3334972	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**2.831444871**
CO2_NBIO_RUNEX	1107.031448	594.8351832	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**148.4269693**
CO2_NBIO_STREX	20.70405669	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**1.362247689**
NOX_IDLEX	0.035147253	1.879035557	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.020202834**
NOX_RUNEX	0.145300766	1.121897093	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.168208642**
NOX_STREX	0.446960983	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.029408322**
PM10_IDLEX	0	0.027829692	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.000296918**
PM10_PMBW	0.089180026	0.089180026	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.089180026**
PM10_PMTW	0.008000002	0.012000003	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.010849665**
PM10_RUNEX	0.002091147	0.022729912	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.003358905**
PM10_STREX	0.000328638	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**2.16231E-05**
PM25_IDLEX	0	0.026625792	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.000284073**
PM25_PMBW	0.038220011	0.038220011	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.038220011**
PM25_PMTW	0.002000001	0.003000001	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.002712416**
PM25_RUNEX	0.001922733	0.021746626	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.003209117**
PM25_STREX	0.00030217	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**1.98817E-05**
ROG_DIURN	0.086574357	0.055052995	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.004848517**
ROG_HTSK	0.110087945	0.004888026	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.039496786**
ROG_IDLEX	0.403159572	0.109759705	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.002951507**
ROG_RESTL	0.047455763	0.00402968	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.001262858**
ROG_RUNEX	0.025726572	0.148496932	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.022638018**
ROG_RUNLS	0.583405361	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.1919292**
ROG_STREX	0.094072529	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.006189612**
SO2_IDLEX	0.001340071	0.001978954	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**2.70318E-05**
SO2_RUNEX	0.010954974	0.005623332	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.001431326**
SO2_STREX	0.000204883	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**1.34805E-05**
TOG_DIURN	0.086574357	0.013072293	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.002609036**
TOG_HTSK	0.110087945	0.003910421	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.038840794**
TOG_IDLEX	0.588289502	0.124954127	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.003931206**
TOG_RESTL	0.047455763	0.00402968	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.001262858**
TOG_RUNEX	0.037540153	0.169053885	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.026246517**
TOG_RUNLS	0.583405361	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.1919292**
TOG_STREX	0.102997578	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.006776846**

CH4_IDLEX	0.114556415	0.005098128	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.000560307**
CH4_RUNEX	0.005580928	0.006897399	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.00130376**
CH4_STREX	0.021633692	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.001423414**
CO_IDLEX	3.767596303	0.909745076	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.026344965**
CO_RUNEX	0.453808945	0.667362056	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.121189502**
CO_STREX	1.72294514	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.113363196**
CO2_NBIO_IDLEX	135.4179749	209.3334972	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**2.831444871**
CO2_NBIO_RUNEX	1106.976167	594.8351832	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**148.4237898**
CO2_NBIO_STREX	21.13783139	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**1.390788405**
NOX_IDLEX	0.035147253	1.879035557	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.020202834**
NOX_RUNEX	0.174943378	1.178598315	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.177992559**
NOX_STREX	0.515332115	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.033906881**
PM10_IDLEX	0	0.027829692	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.000296918**
PM10_PMBW	0.089180026	0.089180026	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.089180026**
PM10_PMTW	0.008000002	0.012000003	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.010849665**
PM10_RUNEX	0.002091147	0.022729912	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.003358905**
PM10_STREX	0.000328638	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**2.16231E-05**
PM25_IDLEX	0	0.026625792	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.000284073**
PM25_PMBW	0.038220011	0.038220011	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.038220011**
PM25_PMTW	0.002000001	0.003000001	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.002712416**
PM25_RUNEX	0.001922733	0.021746626	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.003209117**
PM25_STREX	0.00030217	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**1.98817E-05**
ROG_DIURN	0.013081182	0.013072293	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.000986199**
ROG_HTSK	0.101666412	0.003910421	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.036070271**
ROG_IDLEX	0.403159572	0.109759705	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.002951507**
ROG_RESTL	0.009544016	0.00402968	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.000425711**
ROG_RUNEX	0.024039413	0.148496932	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.022540978**
ROG_RUNLS	0.668201604	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.219825541**
ROG_STREX	0.106403452	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.00700094**
SO2_IDLEX	0.001340071	0.001978954	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**2.70318E-05**
SO2_RUNEX	0.010954427	0.005623332	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.001431294**
SO2_STREX	0.000209176	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**1.3763E-05**
TOG_DIURN	0.013081182	0.013072293	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.000986199**
TOG_HTSK	0.101666412	0.003910421	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.036070271**
TOG_IDLEX	0.588289502	0.124954127	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.003931206**
TOG_RESTL	0.009544016	0.00402968	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.000425711**
TOG_RUNEX	0.035078255	0.169053885	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.026104916**
TOG_RUNLS	0.668201604	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.219825541**
TOG_STREX	0.116498387	0	0	1289.099861	3114.271408	0	45926.6766	113771.395	0	19205.66718	39173.61656	0	**0.007665148**

MHDT CalEEMod Emission Rate Worksheet

Percent Zero Emission: 80%

Vehicle Class: MHDT

Adjustment Factor: 0.2

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
	Gas	DSL	ELEC	MHDT Gas	MHDT DSL	MHDT Elec	MHDT Gas	MHDT DSL	MHDT Elec	MHDT Gas	MHDT DSL	MHDT Elec	
CH4_IDLEX	0	0.003987019	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**8.41194E-05**
CH4_RUNEX	0	0.000565445	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.000113089**
CH4_STREX	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
CO_IDLEX	0	3.041011681	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.064160238**
CO_RUNEX	0	0.119311766	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.023862353**
CO_STREX	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
CO2_NBIO_IDLEX	0	985.30617	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**20.78830494**
CO2_NBIO_RUNEX	0	995.0167561	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**199.0033512**
CO2_NBIO_STREX	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
NOX_IDLEX	0	6.43377744	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.135741896**
NOX_RUNEX	0	1.690618531	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.338123706**
NOX_STREX	0	2.146214495	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.429242899**
PM10_IDLEX	0	0.005381057	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.000113531**
PM10_PMBW	0	0.130340037	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.012000003**
PM10_RUNEX	0	0.008322247	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.001664449**
PM10_STREX	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
PM25_IDLEX	0	0.005148275	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.00010862**
PM25_PMBW	0	0.055860016	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.003000001**
PM25_RUNEX	0	0.00796223	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.001592446**
PM25_STREX	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
ROG_DIURN	0	0.016340367	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.001379017**
ROG_HTSK	0	0.004888026	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.003910421**
ROG_IDLEX	0	0.085839436	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.001811068**
ROG_RESTL	0	0.0050371	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.000425097**
ROG_RUNEX	0	0.012173872	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.002434774**
ROG_RUNLS	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
ROG_STREX	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
SO2_IDLEX	0	0.009308684	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.000196398**
SO2_RUNEX	0	0.009400425	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.001880085**
SO2_STREX	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
TOG_DIURN	0	0.016340367	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.001379017**
TOG_HTSK	0	0.004888026	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.003910421**
TOG_IDLEX	0	0.097721664	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.002061763**
TOG_RESTL	0	0.0050371	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.000425097**
TOG_RUNEX	0	0.013859027	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.002771805**
TOG_RUNLS	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
TOG_STREX	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
CH4_IDLEX	0	0.004144017	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**8.74318E-05**
CH4_RUNEX	0	0.000565445	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.000113089**
CH4_STREX	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
CO_IDLEX	0	2.965777337	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.06257292**
CO_RUNEX	0	0.119311766	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.023862353**
CO_STREX	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
CO2_NBIO_IDLEX	0	982.5113781	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**20.72933953**
CO2_NBIO_RUNEX	0	995.0167561	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**199.0033512**
CO2_NBIO_STREX	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
NOX_IDLEX	0	6.316656989	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.133270851**
NOX_RUNEX	0	1.627399646	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.325479929**
NOX_STREX	0	2.146214495	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.429242899**
PM10_IDLEX	0	0.00458417	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**9.67183E-05**
PM10_PMBW	0	0.130340037	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.012000003**
PM10_RUNEX	0	0.008322247	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.001664449**
PM10_STREX	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
PM25_IDLEX	0	0.004385861	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**9.25343E-05**
PM25_PMBW	0	0.055860016	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.003000001**
PM25_RUNEX	0	0.00796223	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.001592446**
PM25_STREX	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
ROG_DIURN	0	0.055052995	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.004646103**
ROG_HTSK	0	0.004888026	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.003910421**
ROG_IDLEX	0	0.089219545	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.001882383**
ROG_RESTL	0	0.026225054	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.002213218**
ROG_RUNEX	0	0.012173872	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.002434774**
ROG_RUNLS	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
ROG_STREX	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
SO2_IDLEX	0	0.00928228	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.000195841**
SO2_RUNEX	0	0.009400425	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.001880085**
SO2_STREX	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
TOG_DIURN	0	0.055052995	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.004646103**
TOG_HTSK	0	0.004888026	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.003910421**
TOG_IDLEX	0	0.10156966	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.002142949**
TOG_RESTL	0	0.026225054	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.002213218**
TOG_RUNEX	0	0.013859027	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.002771805**
TOG_RUNLS	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
TOG_STREX	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**

CH4_IDLEX	0	0.003770214	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**7.95452E-05**
CH4_RUNEX	0	0.000565445	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.000113089**
CH4_STREX	0	0	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
CO_IDLEX	0	3.144906727	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.066352249**
CO_RUNEX	0	0.119311766	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.023862353**
CO_STREX	0	0	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
CO2_NBIO_IDLEX	0	989.1656444	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**20.86973337**
CO2_NBIO_RUNEX	0	995.0167561	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**199.0033512**
CO2_NBIO_STREX	0	0	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
NOX_IDLEX	0	6.595515206	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.139154291**
NOX_RUNEX	0	1.716502583	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.343300517**
NOX_STREX	0	2.146214495	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.429242899**
PM10_IDLEX	0	0.006481519	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.000136749**
PM10_PMBW	0	0.130340037	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.012000003**
PM10_RUNEX	0	0.008322247	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.001664449**
PM10_STREX	0	0	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
PM25_IDLEX	0	0.006201132	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.000130833**
PM25_PMBW	0	0.055860016	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.003000001**
PM25_RUNEX	0	0.00796223	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.001592446**
PM25_STREX	0	0	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
ROG_DIURN	0	0.000728453	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**6.14765E-05**
ROG_HTSK	0	0.004888026	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.003910421**
ROG_IDLEX	0	0.081171667	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.001712586**
ROG_RESTL	0	8.57726E-05	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**7.23863E-06**
ROG_RUNEX	0	0.012173872	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.002434774**
ROG_RUNLS	0	0	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
ROG_STREX	0	0	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
SO2_IDLEX	0	0.009345147	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.000197167**
SO2_RUNEX	0	0.009400425	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.001880085**
SO2_STREX	0	0	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
TOG_DIURN	0	0.000728453	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**6.14765E-05**
TOG_HTSK	0	0.004888026	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.003910421**
TOG_IDLEX	0	0.092407764	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.001949649**
TOG_RESTL	0	8.57726E-05	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**7.23863E-06**
TOG_RUNEX	0	0.013859027	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.002771805**
TOG_RUNLS	0	0	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
TOG_STREX	0	0	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**

HHD CalEEMod Emission Rate Worksheet

Percent Zero Emission: 0%

Vehicle Class: HHDT

Adjustment Factor: 1

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	HHDT Gas	HHDT DSL	HHDT NG	HHDT Gas	HHDT DSL	HHDT NG	HHDT Gas	HHDT DSL	HHDT NG	Rate
CH4_IDLEX	0	0.210172643	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.019952173**
CH4_RUNEX	0	0.001116295	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.001116295**
CH4_STREX	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
CO_IDLEX	0	66.12232042	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**6.277144269**
CO_RUNEX	0	0.24002386	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.24002386**
CO_STREX	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
CO2_NBIO_IDLEX	0	10751.91388	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**1020.703964**
CO2_NBIO_RUNEX	0	1357.398504	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**1357.398504**
CO2_NBIO_STREX	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
NOX_IDLEX	0	55.86535384	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**5.303426793**
NOX_RUNEX	0	2.670473831	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**2.670473831**
NOX_STREX	0	2.397819381	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**2.397819381**
PM10_IDLEX	0	0.026278213	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.002494651**
PM10_PMBW	0	0.060848023	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.060848023**
PM10_PMTW	0	0.035479897	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.035479897**
PM10_RUNEX	0	0.025108028	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.025108028**
PM10_STREX	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
PM25_IDLEX	0	0.025141429	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.002386734**
PM25_PMBW	0	0.026077724	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.026077724**
PM25_PMTW	0	0.008869974	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.008869974**
PM25_RUNEX	0	0.024021866	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.024021866**
PM25_STREX	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
ROG_DIURN	0	0.016340367	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
ROG_HTSK	0	0.004888026	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
ROG_IDLEX	0	4.524959362	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.429564821**
ROG_RESTL	0	0.0050371	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
ROG_RUNEX	0	0.024033526	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.024033526**
ROG_RUNLS	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
ROG_STREX	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
SO2_IDLEX	0	0.101578751	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.009643105**
SO2_RUNEX	0	0.012824028	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.012824028**
SO2_STREX	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
TOG_DIURN	0	0.016340367	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
TOG_HTSK	0	0.004888026	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
TOG_IDLEX	0	5.151321788	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.48902685**
TOG_RESTL	0	0.0050371	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
TOG_RUNEX	0	0.02736034	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.02736034**
TOG_RUNLS	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
TOG_STREX	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
CH4_IDLEX	0	0.222356014	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.021108769**
CH4_RUNEX	0	0.001116295	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.001116295**
CH4_STREX	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
CO_IDLEX	0	65.19735788	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**6.189335443**
CO_RUNEX	0	0.24002386	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.24002386**
CO_STREX	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
CO2_NBIO_IDLEX	0	10627.78723	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**1008.920336**
CO2_NBIO_RUNEX	0	1357.398504	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**1357.398504**
CO2_NBIO_STREX	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
NOX_IDLEX	0	53.35775983	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**5.065375114**
NOX_RUNEX	0	2.574020724	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**2.574020724**
NOX_STREX	0	2.397819381	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**2.397819381**
PM10_IDLEX	0	0.023022669	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.002185595**
PM10_PMBW	0	0.060848023	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.060848023**
PM10_PMTW	0	0.035479897	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.035479897**
PM10_RUNEX	0	0.025108028	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.025108028**
PM10_STREX	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
PM25_IDLEX	0	0.022026719	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.002091047**
PM25_PMBW	0	0.026077724	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.026077724**
PM25_PMTW	0	0.008869974	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.008869974**
PM25_RUNEX	0	0.024021866	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.024021866**
PM25_STREX	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
ROG_DIURN	0	0.055052995	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
ROG_HTSK	0	0.004888026	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
ROG_IDLEX	0	4.787264008	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.454466005**
ROG_RESTL	0	0.026225054	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
ROG_RUNEX	0	0.024033526	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.024033526**
ROG_RUNLS	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
ROG_STREX	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
SO2_IDLEX	0	0.100406064	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.009531779**
SO2_RUNEX	0	0.012824028	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.012824028**
SO2_STREX	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
TOG_DIURN	0	0.055052995	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
TOG_HTSK	0	0.004888026	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
TOG_IDLEX	0	5.44993566	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.517374953**
TOG_RESTL	0	0.026225054	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
TOG_RUNEX	0	0.02736034	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.02736034**
TOG_RUNLS	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
TOG_STREX	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**

CH4_IDLEX	0	0.193347987	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0.01835497**
CH4_RUNEX	0	0.001116295	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0.001116295**
CH4_STREX	0	0	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0**
CO_IDLEX	0	67.39964965	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**6.398404077**
CO_RUNEX	0	0.24002386	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0.24002386**
CO_STREX	0	0	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0**
CO2_NBIO_IDLEX	0	10923.32686	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**1036.976594**
CO2_NBIO_RUNEX	0	1357.398504	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**1357.398504**
CO2_NBIO_STREX	0	0	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0**
NOX_IDLEX	0	59.32822176	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**5.632164825**
NOX_RUNEX	0	2.711815903	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**2.711815903**
NOX_STREX	0	2.397819381	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**2.397819381**
PM10_IDLEX	0	0.030773964	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0.002921443**
PM10_PMBW	0	0.060848023	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0.060848023**
PM10_PMTW	0	0.035479897	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0.035479897**
PM10_RUNEX	0	0.025108028	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0.025108028**
PM10_STREX	0	0	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0**
PM25_IDLEX	0	0.029442696	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0.002795063**
PM25_PMBW	0	0.026077724	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0.026077724**
PM25_PMTW	0	0.008869974	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0.008869974**
PM25_RUNEX	0	0.024021866	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0.024021866**
PM25_STREX	0	0	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0**
ROG_DIURN	0	0.000728453	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0**
ROG_HTSK	0	0.004888026	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0**
ROG_IDLEX	0	4.162729136	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0.395177471**
ROG_RESTL	0	8.57726E-05	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0**
ROG_RUNEX	0	0.024033526	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0.024033526**
ROG_RUNLS	0	0	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0**
ROG_STREX	0	0	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0**
SO2_IDLEX	0	0.103198176	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0.009796841**
SO2_RUNEX	0	0.012824028	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0.012824028**
SO2_STREX	0	0	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0**
TOG_DIURN	0	0.000728453	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0**
TOG_HTSK	0	0.004888026	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0**
TOG_IDLEX	0	4.738950249	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0.449879469**
TOG_RESTL	0	8.57726E-05	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0**
TOG_RUNEX	0	0.02736034	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0.02736034**
TOG_RUNLS	0	0	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0**
TOG_STREX	0	0	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0**

OBUS CalEEMod Emission Rate Worksheet

Percent Zero Emission: 80%

Vehicle Class: OBUS

Adjustment Factor: 0.2

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
	Gas	DSL	NG	OBUS Gas	OBUS DSL	OBUS NG	OBUS Gas	OBUS DSL	OBUS NG	OBUS Gas	OBUS DSL	OBUS NG	
CH4_IDLEX	0	0.041295797	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.000849745**
CH4_RUNEX	0	0.000616231	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.000123246**
CH4_STREX	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
CO_IDLEX	0	14.20756398	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.29234954**
CO_RUNEX	0	0.145808585	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.029161717**
CO_STREX	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
CO2_NBIO_IDLEX	0	2639.598809	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**54.31511678**
CO2_NBIO_RUNEX	0	1167.166085	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**233.433217**
CO2_NBIO_STREX	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
NOX_IDLEX	0	12.29515605	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.252997855**
NOX_RUNEX	0	1.887624122	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.377524824**
NOX_STREX	0	2.213442092	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.442688418**
PM10_IDLEX	0	0.004179589	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**8.60036E-05**
PM10_PMBW	0	0.130340037	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.012000003**
PM10_RUNEX	0	0.012261272	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.002452254**
PM10_STREX	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
PM25_IDLEX	0	0.003998782	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**8.22831E-05**
PM25_PMBW	0	0.055860016	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.003000001**
PM25_RUNEX	0	0.011730855	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.002346171**
PM25_STREX	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
ROG_DIURN	0	0.016340367	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.001344945**
ROG_HTSK	0	0.004888026	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.003910421**
ROG_IDLEX	0	0.889087187	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.018294778**
ROG_RESTL	0	0.0050371	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.000414594**
ROG_RUNEX	0	0.013267287	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.002653457**
ROG_RUNLS	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
ROG_STREX	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
SO2_IDLEX	0	0.024937621	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.000513142**
SO2_RUNEX	0	0.011026806	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.002205361**
SO2_STREX	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
TOG_DIURN	0	0.016340367	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.001344945**
TOG_HTSK	0	0.004888026	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.003910421**
TOG_IDLEX	0	1.012158084	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.020827212**
TOG_RESTL	0	0.0050371	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.000414594**
TOG_RUNEX	0	0.015103796	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.003020759**
TOG_RUNLS	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
TOG_STREX	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
CH4_IDLEX	0	0.04377222	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.000900703**
CH4_RUNEX	0	0.000616231	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.000123246**
CH4_STREX	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
CO_IDLEX	0	14.02271134	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.28854582**
CO_RUNEX	0	0.145808585	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.029161717**
CO_STREX	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
CO2_NBIO_IDLEX	0	2604.073906	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**53.58411961**
CO2_NBIO_RUNEX	0	1167.166085	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**233.433217**
CO2_NBIO_STREX	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
NOX_IDLEX	0	11.67953768	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.240330254**
NOX_RUNEX	0	1.818081176	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.363616235**
NOX_STREX	0	2.213442092	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.442688418**
PM10_IDLEX	0	0.003713847	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**7.642E-05**
PM10_PMBW	0	0.130340037	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.012000003**
PM10_RUNEX	0	0.012261272	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.002452254**
PM10_STREX	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
PM25_IDLEX	0	0.003553187	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**7.31141E-05**
PM25_PMBW	0	0.055860016	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.003000001**
PM25_RUNEX	0	0.011730855	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.002346171**
PM25_STREX	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
ROG_DIURN	0	0.055052995	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.00453131**
ROG_HTSK	0	0.004888026	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.003910421**
ROG_IDLEX	0	0.9424039	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.019391878**
ROG_RESTL	0	0.026225054	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.002158535**
ROG_RUNEX	0	0.013267287	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.002653457**
ROG_RUNLS	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
ROG_STREX	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
SO2_IDLEX	0	0.024601999	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.000506236**
SO2_RUNEX	0	0.011026806	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.002205361**
SO2_STREX	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
TOG_DIURN	0	0.055052995	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.00453131**
TOG_HTSK	0	0.004888026	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.003910421**
TOG_IDLEX	0	1.072855103	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.022076177**
TOG_RESTL	0	0.026225054	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.002158535**
TOG_RUNEX	0	0.015103796	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.003020759**
TOG_RUNLS	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
TOG_STREX	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**

CH4_IDLEX	0	0.037875975	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.000779375**
CH4_RUNEX	0	0.000616231	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.000123246**
CH4_STREX	0	0	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
CO_IDLEX	0	14.46283667	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.297602295**
CO_RUNEX	0	0.145808585	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.029161717**
CO_STREX	0	0	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
CO2_NBIO_IDLEX	0	2688.657008	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**55.32458906**
CO2_NBIO_RUNEX	0	1167.166085	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**233.433217**
CO2_NBIO_STREX	0	0	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
NOX_IDLEX	0	13.1452957	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.270491208**
NOX_RUNEX	0	1.916432736	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.383286547**
NOX_STREX	0	2.213442092	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.442688418**
PM10_IDLEX	0	0.004822758	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**9.92381E-05**
PM10_PMBW	0	0.130340037	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.012000003**
PM10_RUNEX	0	0.012261272	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.002452254**
PM10_STREX	0	0	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
PM25_IDLEX	0	0.004614127	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**9.49451E-05**
PM25_PMBW	0	0.055860016	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.003000001**
PM25_RUNEX	0	0.011730855	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.002346171**
PM25_STREX	0	0	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
ROG_DIURN	0	0.000728453	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**5.99576E-05**
ROG_HTSK	0	0.004888026	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.003910421**
ROG_IDLEX	0	0.815459345	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.016779735**
ROG_RESTL	0	8.57726E-05	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**7.05979E-06**
ROG_RUNEX	0	0.013267287	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.002653457**
ROG_RUNLS	0	0	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
ROG_STREX	0	0	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
SO2_IDLEX	0	0.025401098	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.000522679**
SO2_RUNEX	0	0.011026806	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.002205361**
SO2_STREX	0	0	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
TOG_DIURN	0	0.000728453	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**5.99576E-05**
TOG_HTSK	0	0.004888026	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.003910421**
TOG_IDLEX	0	0.92833839	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.019102451**
TOG_RESTL	0	8.57726E-05	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**7.05979E-06**
TOG_RUNEX	0	0.015103796	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.003020759**
TOG_RUNLS	0	0	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
TOG_STREX	0	0	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**

UBUS CalEEMod Emission Rate Worksheet

Percent Zero Emission: 80%

Vehicle Class: UBUS

Adjustment Factor: 0.2

Pollutant	Emission Rates				Population				VMT				Trips				CalEEMod Emission
	Gas	DSL	ELEC	NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	Rate
CH4_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
CH4_RUNEX	0	0.072264252	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.01445285**
CH4_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
CO_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
CO_RUNEX	0	0.121844728	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.024368946**
CO_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
CO2_NBIO_RUNEX	0	1540.556031	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**308.1112062**
CO2_NBIO_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
NOX_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
NOX_RUNEX	0	0.762679481	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.152535896**
NOX_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
PM10_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
PM10_PMBW	0	0.076506656	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.076506656**
PM10_PMTW	0	0.030833858	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.030833858**
PM10_RUNEX	0	0.00564777	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.001129554**
PM10_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
PM25_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
PM25_PMBW	0	0.032788567	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.032788567**
PM25_PMTW	0	0.007708464	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.007708464**
PM25_RUNEX	0	0.00540345	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.00108069**
PM25_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
ROG_DIURN	0	0.016340367	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.013072293**
ROG_HTSK	0	0.004888026	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.003910421**
ROG_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
ROG_RESTL	0	0.0050371	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.00100742**
ROG_RUNEX	0	0.001032514	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.000206503**
ROG_RUNLS	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
ROG_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
SO2_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
SO2_RUNEX	0	0.014563795	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.002912759**
SO2_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
TOG_DIURN	0	0.055052995	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.044042396**
TOG_HTSK	0	0.004888026	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.003910421**
TOG_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
TOG_RESTL	0	0.026225054	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.005245011**
TOG_RUNEX	0	0.073750969	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.014750194**
TOG_RUNLS	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
TOG_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
CH4_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
CH4_RUNEX	0	0.072264252	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.01445285**
CH4_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
CO_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
CO_RUNEX	0	0.121844728	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.024368946**
CO_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
CO2_NBIO_RUNEX	0	1540.556031	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**308.1112062**
CO2_NBIO_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
NOX_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
NOX_RUNEX	0	0.762679481	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.152535896**
NOX_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
PM10_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
PM10_PMBW	0	0.076506656	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.076506656**
PM10_PMTW	0	0.030833858	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.030833858**
PM10_RUNEX	0	0.00564777	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.001129554**
PM10_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
PM25_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
PM25_PMBW	0	0.032788567	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.032788567**
PM25_PMTW	0	0.007708464	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.007708464**
PM25_RUNEX	0	0.00540345	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.00108069**
PM25_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
ROG_DIURN	0	0.055052995	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.044042396**
ROG_HTSK	0	0.004888026	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.003910421**
ROG_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
ROG_RESTL	0	0.026225054	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.005245011**
ROG_RUNEX	0	0.001032514	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.000206503**
ROG_RUNLS	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
ROG_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
SO2_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
SO2_RUNEX	0	0.014563795	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.002912759**
SO2_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
TOG_DIURN	0	0.055052995	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.044042396**
TOG_HTSK	0	0.004888026	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.003910421**
TOG_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
TOG_RESTL	0	0.026225054	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.005245011**
TOG_RUNEX	0	0.073750969	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.014750194**
TOG_RUNLS	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
TOG_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**

CH4_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
CH4_RUNEX	0	0.072264252	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0.01445285**
CH4_STREX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
CO_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
CO_RUNEX	0	0.121844728	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0.024368946**
CO_STREX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
CO2_NBIO_RUNEX	0	1540.556031	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**308.1112062**
CO2_NBIO_STREX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
NOX_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
NOX_RUNEX	0	0.762679481	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0.152535896**
NOX_STREX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
PM10_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
PM10_PMBW	0	0.076506656	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0.076506656**
PM10_PMTW	0	0.030833858	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0.030833858**
PM10_RUNEX	0	0.00564777	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0.001129554**
PM10_STREX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
PM25_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
PM25_PMBW	0	0.032788567	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0.032788567**
PM25_PMTW	0	0.007708464	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0.007708464**
PM25_RUNEX	0	0.00540345	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0.00108069**
PM25_STREX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
ROG_DIURN	0	0.000728453	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0.000513823**
ROG_HTSK	0	0.004888026	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0.003910421**
ROG_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
ROG_RESTL	0	8.57726E-05	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**1.71545E-05**
ROG_RUNEX	0	0.001032514	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0.000206503**
ROG_RUNLS	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
ROG_STREX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
SO2_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
SO2_RUNEX	0	0.014563795	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0.002912759**
SO2_STREX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
TOG_DIURN	0	0.000728453	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0.000513823**
TOG_HTSK	0	0.004888026	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0.003910421**
TOG_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
TOG_RESTL	0	8.57726E-05	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**1.71545E-05**
TOG_RUNEX	0	0.073750969	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0.014750194**
TOG_RUNLS	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
TOG_STREX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**

MCY CalEEMod Emission Rate Worksheet

Vehicle Class: MCY

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	MCY Gas	MCY DSL	MCY NG	MCY Gas	MCY DSL	MCY NG	MCY Gas	MCY DSL	MCY NG	Rate
CH4_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**

CH4_IDLEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
CH4_RUNEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
CH4_STREX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
CO_IDLEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
CO_RUNEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
CO_STREX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_RUNEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_STREX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
NOX_IDLEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
NOX_RUNEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
NOX_STREX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
PM10_IDLEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
PM10_PMBW	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
PM10_PMTW	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
PM10_RUNEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
PM10_STREX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
PM25_IDLEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
PM25_PMBW	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
PM25_PMTW	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
PM25_RUNEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
PM25_STREX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
ROG_DIURN	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
ROG_HTSK	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
ROG_IDLEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
ROG_RESTL	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
ROG_RUNEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
ROG_RUNLS	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
ROG_STREX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
SO2_IDLEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
SO2_RUNEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
SO2_STREX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
TOG_DIURN	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
TOG_HTSK	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
TOG_IDLEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
TOG_RESTL	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
TOG_RUNEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
TOG_RUNLS	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
TOG_STREX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**

SBUS CalEEMod Emission Rate Worksheet

Percent Zero Emission: 80%

Vehicle Class: SBUS

Adjustment Factor: 0.2

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	SBUS Gas	SBUS DSL	SBUS NG	SBUS Gas	SBUS DSL	SBUS NG	SBUS Gas	SBUS DSL	SBUS NG	Rate
CH4_IDLEX	0	0.012552933	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.000217558**
CH4_RUNEX	0	0.001953549	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.00039071**
CH4_STREX	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
CO_IDLEX	0	9.279876524	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.160831681**
CO_RUNEX	0	0.155847206	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.031169441**
CO_STREX	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
CO2_NBIO_IDLEX	0	3305.088417	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**57.28125002**
CO2_NBIO_RUNEX	0	990.1662321	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**198.0332464**
CO2_NBIO_STREX	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
NOX_IDLEX	0	25.19814058	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.436714789**
NOX_RUNEX	0	2.839019237	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.567803847**
NOX_STREX	0	1.634982838	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.326996568**
PM10_IDLEX	0	0.016319213	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.000282832**
PM10_PMBW	0	0.744800213	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.744800213**
PM10_PMTW	0	0.012000003	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.012000003**
PM10_RUNEX	0	0.017132156	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.003426431**
PM10_STREX	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
PM25_IDLEX	0	0.015613251	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.000270597**
PM25_PMBW	0	0.319200091	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.319200091**
PM25_PMTW	0	0.003000001	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.003000001**
PM25_RUNEX	0	0.016391027	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.003278205**
PM25_STREX	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
ROG_DIURN	0	0.016340367	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.001132795**
ROG_HTSK	0	0.004888026	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.003910421**
ROG_IDLEX	0	0.270261209	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.004683959**
ROG_RESTL	0	0.0050371	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.000349197**
ROG_RUNEX	0	0.042059366	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.008411873**
ROG_RUNLS	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
ROG_STREX	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
SO2_IDLEX	0	0.031224837	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.000541165**
SO2_RUNEX	0	0.0093546	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.00187092**
SO2_STREX	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
TOG_DIURN	0	0.016340367	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.001132795**
TOG_HTSK	0	0.004888026	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.003910421**
TOG_IDLEX	0	0.307671814	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.005332331**
TOG_RESTL	0	0.0050371	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.000349197**
TOG_RUNEX	0	0.047881386	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.009576277**
TOG_RUNLS	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
TOG_STREX	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
CH4_IDLEX	0	0.012979213	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.000224946**
CH4_RUNEX	0	0.001953549	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.00039071**
CH4_STREX	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
CO_IDLEX	0	8.99408782	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.155878611**
CO_RUNEX	0	0.155847206	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.031169441**
CO_STREX	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
CO2_NBIO_IDLEX	0	3324.897882	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**57.62457241**
CO2_NBIO_RUNEX	0	990.1662321	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**198.0332464**
CO2_NBIO_STREX	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
NOX_IDLEX	0	25.06455104	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.434399518**
NOX_RUNEX	0	2.729551176	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.545910235**
NOX_STREX	0	1.634982838	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.326996568**
PM10_IDLEX	0	0.013907488	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.000241034**
PM10_PMBW	0	0.744800213	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.744800213**
PM10_PMTW	0	0.012000003	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.012000003**
PM10_RUNEX	0	0.017132156	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.003426431**
PM10_STREX	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
PM25_IDLEX	0	0.013305856	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.000230607**
PM25_PMBW	0	0.319200091	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.319200091**
PM25_PMTW	0	0.003000001	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.003000001**
PM25_RUNEX	0	0.016391027	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.003278205**
PM25_STREX	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
ROG_DIURN	0	0.055052995	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.003816545**
ROG_HTSK	0	0.004888026	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.003910421**
ROG_IDLEX	0	0.279438897	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.00484302**
ROG_RESTL	0	0.026225054	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.00181805**
ROG_RUNEX	0	0.042059366	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.008411873**
ROG_RUNLS	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
ROG_STREX	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
SO2_IDLEX	0	0.031411987	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.000544408**
SO2_RUNEX	0	0.0093546	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.00187092**
SO2_STREX	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
TOG_DIURN	0	0.055052995	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.003816545**
TOG_HTSK	0	0.004888026	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.003910421**
TOG_IDLEX	0	0.318119913	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.00551341**
TOG_RESTL	0	0.026225054	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.00181805**
TOG_RUNEX	0	0.047881386	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.009576277**
TOG_RUNLS	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
TOG_STREX	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**

CH4_IDLEX	0	0.011964261	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.000207355**
CH4_RUNEX	0	0.001953549	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.00039071**
CH4_STREX	0	0	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
CO_IDLEX	0	9.674537116	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.167671635**
CO_RUNEX	0	0.155847206	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.031169441**
CO_STREX	0	0	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
CO2_NBIO_IDLEX	0	3277.73249	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**56.80713813**
CO2_NBIO_RUNEX	0	990.1662321	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**198.0332464**
CO2_NBIO_STREX	0	0	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
NOX_IDLEX	0	25.38262138	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.439912068**
NOX_RUNEX	0	2.884362786	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.576872557**
NOX_STREX	0	1.634982838	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.326996568**
PM10_IDLEX	0	0.01964969	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.000340553**
PM10_PMBW	0	0.744800213	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.744800213**
PM10_PMTW	0	0.012000003	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.012000003**
PM10_RUNEX	0	0.017132156	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.003426431**
PM10_STREX	0	0	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
PM25_IDLEX	0	0.018799653	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.000325821**
PM25_PMBW	0	0.319200091	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.319200091**
PM25_PMTW	0	0.003000001	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.003000001**
PM25_RUNEX	0	0.016391027	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.003278205**
PM25_STREX	0	0	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
ROG_DIURN	0	0.000728453	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**5.04999E-05**
ROG_HTSK	0	0.004888026	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.003910421**
ROG_IDLEX	0	0.257587259	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.004464304**
ROG_RESTL	0	8.57726E-05	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**5.94618E-06**
ROG_RUNEX	0	0.042059366	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.008411873**
ROG_RUNLS	0	0	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
ROG_STREX	0	0	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
SO2_IDLEX	0	0.030966391	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.000536686**
SO2_RUNEX	0	0.0093546	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.00187092**
SO2_STREX	0	0	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
TOG_DIURN	0	0.000728453	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**5.04999E-05**
TOG_HTSK	0	0.004888026	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.003910421**
TOG_IDLEX	0	0.293243486	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.005082271**
TOG_RESTL	0	8.57726E-05	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**5.94618E-06**
TOG_RUNEX	0	0.047881386	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.009576277**
TOG_RUNLS	0	0	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
TOG_STREX	0	0	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**

MH CalEEMod Emission Rate Worksheet

Percent Zero Emission: 80%

Vehicle Class: MH

Adjustment Factor: 0.2

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	MH Gas	MH DSL	MH NG	MH Gas	MH DSL	MH NG	MH Gas	MH DSL	MH NG	Rate
CH4_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
CH4_RUNEX	0.005180228	0.005180228	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.001036046**
CH4_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
CO_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
CO_RUNEX	0.396166744	0.396166744	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.079233349**
CO_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
CO2_NBIO_RUNEX	997.1524031	997.1524031	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**199.4304806**
CO2_NBIO_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
NOX_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
NOX_RUNEX	4.185246565	4.185246565	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.837049313**
NOX_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
PM10_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.016000005**
PM10_RUNEX	0.095725084	0.095725084	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.019145017**
PM10_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
PM25_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.004000001**
PM25_RUNEX	0.091584059	0.091584059	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.018316812**
PM25_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
ROG_DIURN	0.016340367	0.016340367	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.130722933**
ROG_HTSK	0.004888026	0.004888026	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.003910421**
ROG_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
ROG_RESTL	0.0050371	0.0050371	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.040296803**
ROG_RUNEX	0.111527266	0.111527266	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.022305453**
ROG_RUNLS	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
ROG_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
SO2_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
SO2_RUNEX	0.009426676	0.009426676	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.001885335**
SO2_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
TOG_DIURN	0.016340367	0.016340367	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.130722933**
TOG_HTSK	0.004888026	0.004888026	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.003910421**
TOG_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
TOG_RESTL	0.0050371	0.0050371	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.040296803**
TOG_RUNEX	0.126966378	0.126966378	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.025393276**
TOG_RUNLS	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
TOG_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
CH4_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
CH4_RUNEX	0.005180228	0.005180228	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.001036046**
CH4_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
CO_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
CO_RUNEX	0.396166744	0.396166744	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.079233349**
CO_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
CO2_NBIO_RUNEX	997.1524031	997.1524031	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**199.4304806**
CO2_NBIO_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
NOX_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
NOX_RUNEX	4.028777302	4.028777302	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.80575546**
NOX_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
PM10_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.016000005**
PM10_RUNEX	0.095725084	0.095725084	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.019145017**
PM10_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
PM25_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.004000001**
PM25_RUNEX	0.091584059	0.091584059	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.018316812**
PM25_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
ROG_DIURN	0.055052995	0.055052995	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.440423964**
ROG_HTSK	0.004888026	0.004888026	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.003910421**
ROG_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
ROG_RESTL	0.026225054	0.026225054	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.209800434**
ROG_RUNEX	0.111527266	0.111527266	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.022305453**
ROG_RUNLS	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
ROG_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
SO2_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
SO2_RUNEX	0.009426676	0.009426676	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.001885335**
SO2_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
TOG_DIURN	0.055052995	0.055052995	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.440423964**
TOG_HTSK	0.004888026	0.004888026	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.003910421**
TOG_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
TOG_RESTL	0.026225054	0.026225054	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.209800434**
TOG_RUNEX	0.126966378	0.126966378	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.025393276**
TOG_RUNLS	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
TOG_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**

CH4_IDLEX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
CH4_RUNEX	0.005180228	0.005180228	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.001036046**
CH4_STREX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
CO_IDLEX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
CO_RUNEX	0.396166744	0.396166744	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.079233349**
CO_STREX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
CO2_NBIO_IDLEX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
CO2_NBIO_RUNEX	997.1524031	997.1524031	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**199.4304806**
CO2_NBIO_STREX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
NOX_IDLEX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
NOX_RUNEX	4.249270846	4.249270846	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.849854169**
NOX_STREX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
PM10_IDLEX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.016000005**
PM10_RUNEX	0.095725084	0.095725084	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.019145017**
PM10_STREX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
PM25_IDLEX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.004000001**
PM25_RUNEX	0.091584059	0.091584059	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.018316812**
PM25_STREX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
ROG_DIURN	0.000728453	0.000728453	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.018917919**
ROG_HTSK	0.004888026	0.004888026	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.003910421**
ROG_IDLEX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
ROG_RESTL	8.57726E-05	8.57726E-05	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.002227515**
ROG_RUNEX	0.111527266	0.111527266	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.022305453**
ROG_RUNLS	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
ROG_STREX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
SO2_IDLEX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
SO2_RUNEX	0.009426676	0.009426676	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.001885335**
SO2_STREX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
TOG_DIURN	0.000728453	0.000728453	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.018917919**
TOG_HTSK	0.004888026	0.004888026	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.003910421**
TOG_IDLEX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
TOG_RESTL	8.57726E-05	8.57726E-05	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.002227515**
TOG_RUNEX	0.126966378	0.126966378	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.025393276**
TOG_RUNLS	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
TOG_STREX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**

EMFAC2017 Derived CalEEMod Annual Emission Rates: Scenario 4 Year 2027[1,2] - Delivery Vehicles

Season	Pollutant	LDA	LDT1	LDT2	MDV	LHDT1	LHDT2	MHDT	HHDT	OBUS	UBUS	MCY	SBUS	MH
Annual	CH4_IDLEX	0	0	0	0	0	0	0	0.019824617	0	0	0	0	0
Annual	CH4_RUNEX	0.000365	0	0	0	0	0	0	0.00109612	0	0	0	0	0
Annual	CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	CO_IDLEX	0	0	0	0	0	0	0	6.25296534	0	0	0	0	0
Annual	CO_RUNEX	0.1637884	0	0	0	0	0	0	0.240832451	0	0	0	0	0
Annual	CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	CO2_NBIO_IDLEX	0	0	0	0	0	0	0	980.7753238	0	0	0	0	0
Annual	CO2_NBIO_RUNEX	182.31406	0	0	0	0	0	0	1299.851922	0	0	0	0	0
Annual	CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	NOX_IDLEX	0	0	0	0	0	0	0	5.230865621	0	0	0	0	0
Annual	NOX_RUNEX	0.0302332	0	0	0	0	0	0	2.6194912	0	0	0	0	0
Annual	NOX_STREX[3]	0	0	0	0	0	0	0	2.404470981	0	0	0	0	0
Annual	PM10_IDLEX	0	0	0	0	0	0	0	0.002297351	0	0	0	0	0
Annual	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060879769	0.13034	0.0765936	0	0.7448002	0.13034
Annual	PM10_PMTW	0.008	0.008	0.008	0.008	0.0099372	0.010861958	0.012000003	0.035498408	0.012	0.0308034	0	0.012	0.016
Annual	PM10_RUNEX	0.0032073	0	0	0	0	0	0	0.024683492	0	0	0	0	0
Annual	PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	PM25_IDLEX	0	0	0	0	0	0	0	0.002197968	0	0	0	0	0
Annual	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.02609133	0.05586	0.0328258	0	0.3192001	0.05586
Annual	PM25_PMTW	0.002	0.002	0.002	0.002	0.0024843	0.002715489	0.003000001	0.008874602	0.003	0.0077009	0	0.003	0.004
Annual	PM25_RUNEX	0.0030685	0	0	0	0	0	0	0.023615695	0	0	0	0	0
Annual	PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	ROG_DIURN	0.00347	0.0045273	0.0034082	0.0034365	0.0021516	0.001555191	0.001731258	0	0.0016841	0.0163404	0	0.001416	0.1634037
Annual	ROG_HTSK	0.004888	0.004888	0.004888	0.004888	0.0674462	0.031347421	0.004888026	0	0.004888	0.004888	0	0.004888	0.004888
Annual	ROG_IDLEX	0	0	0	0	0	0	0	0.426818561	0	0	0	0	0
Annual	ROG_RESTL	0.0010693	0.0013956	0.0010506	0.0010593	0.0011086	0.000694282	0.00053368	0	0.0005191	0.0012593	0	0.0004365	0.050371
Annual	ROG_RUNEX	0.0078581	0	0	0	0	0	0	0.023599155	0	0	0	0	0
Annual	ROG_RUNLS	0	0	0	0	0.4910998	0.168917539	0	0	0	0	0	0	0
Annual	ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	SO2_IDLEX	0	0	0	0	0	0	0	0.009265879	0	0	0	0	0
Annual	SO2_RUNEX	0.0017235	0	0	0	0	0	0	0.012280356	0	0	0	0	0
Annual	SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	TOG_DIURN	0.0034688	0.0045273	0.0034082	0.0034365	0.0021516	0.001555191	0.001731258	0	0.0016841	0.0163404	0	0.001416	0.1634037
Annual	TOG_HTSK	0.004888	0.004888	0.004888	0.004888	0.0674462	0.031347421	0.004888026	0	0.004888	0.004888	0	0.004888	0.004888
Annual	TOG_IDLEX	0	0	0	0	0	0	0	0.485900441	0	0	0	0	0
Annual	TOG_RESTL	0.0010693	0.0013956	0.0010506	0.0010593	0.0011086	0.000694282	0.00053368	0	0.0005191	0.0012593	0	0.0004365	0.050371
Annual	TOG_RUNEX	0.0089459	0	0	0	0	0	0	0.026865842	0	0	0	0	0
Annual	TOG_RUNLS	0	0	0	0	0.4910998	0.168917539	0	0	0	0	0	0	0
Annual	TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	CH4_IDLEX	0	0	0	0	0	0	0	0.020981722	0	0	0	0	0
Summer	CH4_RUNEX	0.000365	0	0	0	0	0	0	0.00109612	0	0	0	0	0
Summer	CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	CO_IDLEX	0	0	0	0	0	0	0	6.166809495	0	0	0	0	0

Summer	CO_RUNEX	0.1637884	0	0	0	0	0	0	0.240832451	0	0	0	0	0
Summer	CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	CO2_NBIO_IDLEX	0	0	0	0	0	0	0	969.2046295	0	0	0	0	0
Summer	CO2_NBIO_RUNEX	182.31406	0	0	0	0	0	0	1299.851922	0	0	0	0	0
Summer	CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	NOX_IDLEX	0	0	0	0	0	0	0	4.991530973	0	0	0	0	0
Summer	NOX_RUNEX	0.0290796	0	0	0	0	0	0	2.524919167	0	0	0	0	0
Summer	NOX_STREX[3]	0	0	0	0	0	0	0	2.404470981	0	0	0	0	0
Summer	PM10_IDLEX	0	0	0	0	0	0	0	0.002018917	0	0	0	0	0
Summer	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060879769	0.13034	0.0765936	0	0.7448002	0.13034
Summer	PM10_PMTW	0.008	0.008	0.008	0.008	0.0099372	0.010861958	0.012000003	0.035498408	0.012	0.0308034	0	0.012	0.016
Summer	PM10_RUNEX	0.0032073	0	0	0	0	0	0	0.024683492	0	0	0	0	0
Summer	PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	PM25_IDLEX	0	0	0	0	0	0	0	0.00193158	0	0	0	0	0
Summer	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.02609133	0.05586	0.0328258	0	0.3192001	0.05586
Summer	PM25_PMTW	0.002	0.002	0.002	0.002	0.0024843	0.002715489	0.003000001	0.008874602	0.003	0.0077009	0	0.003	0.004
Summer	PM25_RUNEX	0.0030685	0	0	0	0	0	0	0.023615695	0	0	0	0	0
Summer	PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	ROG_DIURN	0.0116869	0.0152531	0.0114828	0.011578	0.0059004	0.004649981	0.005832852	0	0.0056738	0.055053	0	0.0047707	0.55053
Summer	ROG_HTSK	0.004888	0.004888	0.004888	0.004888	0.0765423	0.035023784	0.004888026	0	0.004888	0.004888	0	0.004888	0.004888
Summer	ROG_IDLEX	0	0	0	0	0	0	0	0.451730724	0	0	0	0	0
Summer	ROG_RESTL	0.0055672	0.0072659	0.0054699	0.0055153	0.0022897	0.001223582	0.002778538	0	0.0027028	0.0065563	0	0.0022726	0.2622505
Summer	ROG_RUNEX	0.0078581	0	0	0	0	0	0	0.023599155	0	0	0	0	0
Summer	ROG_RUNLS	0	0	0	0	0.4786775	0.164586951	0	0	0	0	0	0	0
Summer	ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	SO2_IDLEX	0	0	0	0	0	0	0	0.009156565	0	0	0	0	0
Summer	SO2_RUNEX	0.0017235	0	0	0	0	0	0	0.012280356	0	0	0	0	0
Summer	SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	TOG_DIURN	0.0116869	0.0152531	0.0114828	0.011578	0.0045647	0.002566192	0.005832852	0	0.0056738	0.055053	0	0.0047707	0.55053
Summer	TOG_HTSK	0.004888	0.004888	0.004888	0.004888	0.0765423	0.035023784	0.004888026	0	0.004888	0.004888	0	0.004888	0.004888
Summer	TOG_IDLEX	0	0	0	0	0	0	0	0.514261042	0	0	0	0	0
Summer	TOG_RESTL	0.0055672	0.0072659	0.0054699	0.0055153	0.0022897	0.001223582	0.002778538	0	0.0027028	0.0065563	0	0.0022726	0.2622505
Summer	TOG_RUNEX	0.0089459	0	0	0	0	0	0	0.026865842	0	0	0	0	0
Summer	TOG_RUNLS	0	0	0	0	0.4786775	0.164586951	0	0	0	0	0	0	0
Summer	TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0

Winter	CH4_IDLEX	0	0	0	0	0	0	0	0.018226709	0	0	0	0	0
Winter	CH4_RUNEX	0.000365	0	0	0	0	0	0	0.00109612	0	0	0	0	0
Winter	CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	CO_IDLEX	0	0	0	0	0	0	0	6.371942459	0	0	0	0	0
Winter	CO_RUNEX	0.1637884	0	0	0	0	0	0	0.240832451	0	0	0	0	0
Winter	CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	CO2_NBIO_IDLEX	0	0	0	0	0	0	0	996.7539017	0	0	0	0	0
Winter	CO2_NBIO_RUNEX	182.31406	0	0	0	0	0	0	1299.851922	0	0	0	0	0
Winter	CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	NOX_IDLEX	0	0	0	0	0	0	0	5.561375372	0	0	0	0	0
Winter	NOX_RUNEX	0.0306769	0	0	0	0	0	0	2.65998809	0	0	0	0	0
Winter	NOX_STREX[3]	0	0	0	0	0	0	0	2.404470981	0	0	0	0	0
Winter	PM10_IDLEX	0	0	0	0	0	0	0	0.002681854	0	0	0	0	0
Winter	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060879769	0.13034	0.0765936	0	0.7448002	0.13034
Winter	PM10_PMTW	0.008	0.008	0.008	0.008	0.0099372	0.010861958	0.012000003	0.035498408	0.012	0.0308034	0	0.012	0.016
Winter	PM10_RUNEX	0.0032073	0	0	0	0	0	0	0.024683492	0	0	0	0	0
Winter	PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	PM25_IDLEX	0	0	0	0	0	0	0	0.002565838	0	0	0	0	0
Winter	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.02609133	0.05586	0.0328258	0	0.3192001	0.05586
Winter	PM25_PMTW	0.002	0.002	0.002	0.002	0.0024843	0.002715489	0.003000001	0.008874602	0.003	0.0077009	0	0.003	0.004
Winter	PM25_RUNEX	0.0030685	0	0	0	0	0	0	0.023615695	0	0	0	0	0
Winter	PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	ROG_DIURN	0.0001546	0.0002018	0.0001519	0.0001532	0.0011472	0.001147011	7.71794E-05	0	7.507E-05	0.0007285	0	6.312E-05	0.0072845
Winter	ROG_HTSK	0.004888	0.004888	0.004888	0.004888	0.0731442	0.032662856	0.004888026	0	0.004888	0.004888	0	0.004888	0.004888
Winter	ROG_IDLEX	0	0	0	0	0	0	0	0.39241605	0	0	0	0	0
Winter	ROG_RESTL	1.821E-05	2.376E-05	1.789E-05	1.804E-05	0.0005964	0.00046768	9.08759E-06	0	8.84E-06	2.144E-05	0	7.433E-06	0.0008577
Winter	ROG_RUNEX	0.0078581	0	0	0	0	0	0	0.023599155	0	0	0	0	0
Winter	ROG_RUNLS	0	0	0	0	0.5446256	0.188595604	0	0	0	0	0	0	0
Winter	ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	SO2_IDLEX	0	0	0	0	0	0	0	0.009416837	0	0	0	0	0
Winter	SO2_RUNEX	0.0017235	0	0	0	0	0	0	0.012280356	0	0	0	0	0
Winter	SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	TOG_DIURN	0.0001546	0.0002018	0.0001519	0.0001532	0.0011472	0.001147011	7.71794E-05	0	7.507E-05	0.0007285	0	6.312E-05	0.0072845
Winter	TOG_HTSK	0.004888	0.004888	0.004888	0.004888	0.0731442	0.032662856	0.004888026	0	0.004888	0.004888	0	0.004888	0.004888
Winter	TOG_IDLEX	0	0	0	0	0	0	0	0.446735802	0	0	0	0	0
Winter	TOG_RESTL	1.821E-05	2.376E-05	1.789E-05	1.804E-05	0.0005964	0.00046768	9.08759E-06	0	8.84E-06	2.144E-05	0	7.433E-06	0.0008577
Winter	TOG_RUNEX	0.0089459	0	0	0	0	0	0	0.026865842	0	0	0	0	0
Winter	TOG_RUNLS	0	0	0	0	0.5446256	0.188595604	0	0	0	0	0	0	0
Winter	TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0

1 Source: California Air Resources Board. EMFAC2017 Web Database. https://www.arb.ca.gov/emfac/2017/; California Air Pollution Control Officers Association (CAPCOA). 2017, November. California Emissions Estimator Model User's Guide, Version 2016.3.2, Appendix A.

2 Unless otherwise noted, per CalEEMod methodology, the calculated CalEEMod emission rates are derived from the emission rates obtained using the EMFAC2017 Web Database for the Contra Costa (SF) region .

3 Because EMFAC2017 provides vehicle trips data for MHDT and HHDT diesel trucks, the formula provided in Appendix A of the CalEEMod User's Guide in calculating the NO_X STREX emission rates are utilized.

Off-Model SAFE Rule Adjustment Factors for Gasoline Light Duty Vehicle (LDA, LDT1, LDT2, MDV) Emissions in EMFAC2017

Year	NOx Exh	TOG Evap	TOG Exh	PM Exh	CO Exh	CO2 Exh
2021	1.0002	1.0001	1.0002	1.0009	1.0005	1.0023
2022	1.0004	1.0003	1.0004	1.0018	1.0014	1.0065
2023	1.0007	1.0006	1.0007	1.0032	1.0027	1.0126
2024	1.0012	1.001	1.0011	1.0051	1.0044	1.0207
2025	1.0018	1.0016	1.0016	1.0074	1.0065	1.0309
2026	1.0023	1.0022	1.002	1.0091	1.0083	1.0394
2027	1.0028	1.0028	1.0024	1.0105	1.0102	1.0475
2028	1.0034	1.0035	1.0028	1.0117	1.012	1.0554
2029	1.004	1.0042	1.0032	1.0129	1.0138	1.0629
2030	1.0047	1.0051	1.0037	1.0142	1.0156	1.0702
2031	1.0054	1.0061	1.0042	1.0155	1.0173	1.077
2032	1.0061	1.0072	1.0047	1.0169	1.0189	1.0834
2033	1.0068	1.0083	1.0052	1.0182	1.0204	1.0893
2034	1.0075	1.0095	1.0058	1.0196	1.0218	1.0947
2035	1.0081	1.0108	1.0063	1.021	1.0232	1.0997
2036	1.0088	1.0121	1.0069	1.0223	1.0244	1.1041
2037	1.0094	1.0134	1.0074	1.0236	1.0255	1.108
2038	1.0099	1.0148	1.0079	1.0248	1.0265	1.1114
2039	1.0104	1.0161	1.0085	1.0259	1.0274	1.1143
2040	1.0109	1.0174	1.009	1.027	1.0281	1.1168
2041	1.0113	1.0186	1.0095	1.0279	1.0288	1.1189
2042	1.0116	1.0198	1.0099	1.0286	1.0294	1.1207
2043	1.0119	1.0207	1.0103	1.0293	1.0299	1.1221
2044	1.0122	1.0216	1.0106	1.0299	1.0303	1.1233
2045	1.0124	1.0225	1.0109	1.0303	1.0306	1.1243
2046	1.0125	1.0233	1.0111	1.0308	1.0309	1.1251
2047	1.0127	1.024	1.0113	1.0311	1.0311	1.1258
2048	1.0128	1.0246	1.0115	1.0314	1.0313	1.1263
2049	1.0128	1.0252	1.0116	1.0316	1.0315	1.1268
2050	1.0129	1.0257	1.0117	1.0318	1.0316	1.1272

Sources: California Air Resources Board. 2019, November 20. EMFAC Off-Model Adjustment Factors to Account for the SAFE Vehicles Rule Part One and the Final Safe Rule. hhttps://ww3.arb.ca.gov/msei/emfac_off_model_adjustment_factors_final_draft.pdf; California Air Resources Board. 2020, June 26. EMFAC Off-Model Adjustment Factors for Carbon Dioxide (CO2) Emissions to Account for the SAFE Vehicles Rule Part One and the Final Safe Rule. https://ww3.arb.ca.gov/msei/emfac_off_model_co2_adjustment_factors_06262020-final.pdf.

LDA CalEEMod Emission Rate Worksheet

Vehicle Class: LDA

Pollutant	CARB SAFE Rule Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	LDA Gas	LDA DSL	LDA Elec	LDA Gas	LDA DSL	LDA Elec	LDA Gas	LDA DSL	LDA Elec	
CH4_IDLEX		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
CH4_RUNEX		0	0.000364994	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.000364994**
CH4_STREX		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
CO_IDLEX	1.0102	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
CO_RUNEX	1.0102	0	0.16378842	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.16378842**
CO_STREX	1.0102	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
CO2_NBIO_IDLEX	1.0475	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
CO2_NBIO_RUNEX	1.0475	0	182.3140558	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**182.3140558**
CO2_NBIO_STREX	1.0475	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
NOX_IDLEX	1.0028	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
NOX_RUNEX	1.0028	0	0.03023322	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.03023322**
NOX_STREX	1.0028	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
PM10_IDLEX	1.0105	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
PM10_PMBW		0	0.036750011	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.008000002**
PM10_RUNEX	1.0105	0	0.003207276	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.003207276**
PM10_STREX	1.0105	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
PM25_IDLEX	1.0105	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
PM25_PMBW		0	0.015750005	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.002000001**
PM25_RUNEX	1.0105	0	0.00306853	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.00306853**
PM25_STREX	1.0105	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
ROG_DIURN		0	0.016340367	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.003468796**
ROG_HTSK		0	0.004888026	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.004888026**
ROG_IDLEX		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
ROG_RESTL		0	0.0050371	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.001069295**
ROG_RUNEX		0	0.007858112	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.007858112**
ROG_RUNLS		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
ROG_STREX		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
SO2_IDLEX		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
SO2_RUNEX		0	0.001723523	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.001723523**
SO2_STREX		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
TOG_DIURN	1.0028	0	0.016340367	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.003468796**
TOG_HTSK	1.0028	0	0.004888026	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.004888026**
TOG_IDLEX	1.0024	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
TOG_RESTL	1.0028	0	0.0050371	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.001069295**
TOG_RUNEX	1.0024	0	0.008945938	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.008945938**
TOG_RUNLS	1.0028	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
TOG_STREX	1.0024	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
CH4_IDLEX		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
CH4_RUNEX		0	0.000364994	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.000364994**
CH4_STREX		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
CO_IDLEX	1.0102	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
CO_RUNEX	1.0102	0	0.16378842	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.16378842**
CO_STREX	1.0102	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
CO2_NBIO_IDLEX	1.0475	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
CO2_NBIO_RUNEX	1.0475	0	182.3140558	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**182.3140558**
CO2_NBIO_STREX	1.0475	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
NOX_IDLEX	1.0028	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
NOX_RUNEX	1.0028	0	0.029079642	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.029079642**
NOX_STREX	1.0028	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
PM10_IDLEX	1.0105	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
PM10_PMBW		0	0.036750011	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.008000002**
PM10_RUNEX	1.0105	0	0.003207276	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.003207276**
PM10_STREX	1.0105	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
PM25_IDLEX	1.0105	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
PM25_PMBW		0	0.015750005	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.002000001**
PM25_RUNEX	1.0105	0	0.00306853	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.00306853**
PM25_STREX	1.0105	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
ROG_DIURN		0	0.055052995	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.011686863**
ROG_HTSK		0	0.004888026	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.004888026**
ROG_IDLEX		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
ROG_RESTL		0	0.026225054	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.005567156**
ROG_RUNEX		0	0.007858112	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.007858112**
ROG_RUNLS		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
ROG_STREX		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
SO2_IDLEX		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
SO2_RUNEX		0	0.001723523	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.001723523**
SO2_STREX		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
TOG_DIURN	1.0028	0	0.055052995	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.011686863**
TOG_HTSK	1.0028	0	0.004888026	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.004888026**
TOG_IDLEX	1.0024	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
TOG_RESTL	1.0028	0	0.026225054	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.005567156**
TOG_RUNEX	1.0024	0	0.008945938	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.008945938**
TOG_RUNLS	1.0028	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
TOG_STREX	1.0024	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**

CH4_IDLEX		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
CH4_RUNEX		0	0.000364994	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.000364994**
CH4_STREX		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
CO_IDLEX	1.0102	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
CO_RUNEX	1.0102	0	0.16378842	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.16378842**
CO_STREX	1.0102	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
CO2_NBIO_IDLEX	1.0475	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
CO2_NBIO_RUNEX	1.0475	0	182.3140558	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**182.3140558**
CO2_NBIO_STREX	1.0475	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
NOX_IDLEX	1.0028	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
NOX_RUNEX	1.0028	0	0.03067691	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.03067691**
NOX_STREX	1.0028	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
PM10_IDLEX	1.0105	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
PM10_PMBW		0	0.036750011	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.008000002**
PM10_RUNEX	1.0105	0	0.003207276	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.003207276**
PM10_STREX	1.0105	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
PM25_IDLEX	1.0105	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
PM25_PMBW		0	0.015750005	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.002000001**
PM25_RUNEX	1.0105	0	0.00306853	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.00306853**
PM25_STREX	1.0105	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
ROG_DIURN		0	0.000728453	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.000154639**
ROG_HTSK		0	0.004888026	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.004888026**
ROG_IDLEX		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
ROG_RESTL		0	8.57726E-05	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**1.82081E-05**
ROG_RUNEX		0	0.007858112	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.007858112**
ROG_RUNLS		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
ROG_STREX		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
SO2_IDLEX		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
SO2_RUNEX		0	0.001723523	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.001723523**
SO2_STREX		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
TOG_DIURN	1.0028	0	0.000728453	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.000154639**
TOG_HTSK	1.0028	0	0.004888026	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.004888026**
TOG_IDLEX	1.0024	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
TOG_RESTL	1.0028	0	8.57726E-05	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**1.82081E-05**
TOG_RUNEX	1.0024	0	0.008945938	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.008945938**
TOG_RUNLS	1.0028	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
TOG_STREX	1.0024	0.00000000	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**

LDT1 CalEEMod Emission Rate Worksheet

	100%
Vehicle Class: LDT1	0

Pollutant	CARB SAFE Rule Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	LDT1 Gas	LDT1 DSL	LDT1 Elec	LDT1 Gas	LDT1 DSL	LDT1 Elec	LDT1 Gas	LDT1 DSL	LDT1 Elec	
CH4_IDLEX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CH4_RUNEX		0	0.004249262	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CH4_STREX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CO_IDLEX	1.0102	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CO_RUNEX	1.0102	0	0.728494051	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CO_STREX	1.0102	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CO2_NBIO_IDLEX	1.0475	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CO2_NBIO_RUNEX	1.0475	0	373.9937482	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CO2_NBIO_STREX	1.0475	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
NOX_IDLEX	1.0028	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
NOX_RUNEX	1.0028	0	0.556002555	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
NOX_STREX	1.0028	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
PM10_IDLEX	1.0105	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
PM10_PMBW		0	0.036750011	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.008000002**
PM10_RUNEX	1.0105	0	0.060883324	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
PM10_STREX	1.0105	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
PM25_IDLEX	1.0105	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
PM25_PMBW		0	0.015750005	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.002000001**
PM25_RUNEX	1.0105	0	0.058249538	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
PM25_STREX	1.0105	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
ROG_DIURN		0	0.016340367	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.004527283**
ROG_HTSK		0	0.004888026	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.004888026**
ROG_IDLEX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
ROG_RESTL		0	0.0050371	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.001395586**
ROG_RUNEX		0	0.091484106	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
ROG_RUNLS		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
ROG_STREX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
SO2_IDLEX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
SO2_RUNEX		0	0.003535586	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
SO2_STREX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
TOG_DIURN	1.0028	0	0.016340367	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.004527283**
TOG_HTSK	1.0028	0	0.004888026	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.004888026**
TOG_IDLEX	1.0024	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
TOG_RESTL	1.0028	0	0.0050371	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.001395586**
TOG_RUNEX	1.0024	0	0.104148573	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
TOG_RUNLS	1.0028	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
TOG_STREX	1.0024	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CH4_IDLEX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CH4_RUNEX		0	0.004249262	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CH4_STREX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CO_IDLEX	1.0102	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CO_RUNEX	1.0102	0	0.728494051	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CO_STREX	1.0102	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CO2_NBIO_IDLEX	1.0475	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CO2_NBIO_RUNEX	1.0475	0	373.9937482	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CO2_NBIO_STREX	1.0475	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
NOX_IDLEX	1.0028	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
NOX_RUNEX	1.0028	0	0.534821856	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
NOX_STREX	1.0028	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
PM10_IDLEX	1.0105	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
PM10_PMBW		0	0.036750011	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.008000002**
PM10_RUNEX	1.0105	0	0.060883324	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
PM10_STREX	1.0105	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
PM25_IDLEX	1.0105	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
PM25_PMBW		0	0.015750005	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.002000001**
PM25_RUNEX	1.0105	0	0.058249538	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
PM25_STREX	1.0105	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
ROG_DIURN		0	0.055052995	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.015253054**
ROG_HTSK		0	0.004888026	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.004888026**
ROG_IDLEX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
ROG_RESTL		0	0.026225054	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.007265947**
ROG_RUNEX		0	0.091484106	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
ROG_RUNLS		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
ROG_STREX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
SO2_IDLEX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
SO2_RUNEX		0	0.003535586	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
SO2_STREX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
TOG_DIURN	1.0028	0	0.055052995	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.015253054**
TOG_HTSK	1.0028	0	0.004888026	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.004888026**
TOG_IDLEX	1.0024	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
TOG_RESTL	1.0028	0	0.026225054	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.007265947**
TOG_RUNEX	1.0024	0	0.104148573	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
TOG_RUNLS	1.0028	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
TOG_STREX	1.0024	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**

CH4_IDLEX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CH4_RUNEX		0	0.004249262	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CH4_STREX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CO_IDLEX	1.0102	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CO_RUNEX	1.0102	0	0.728494051	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CO_STREX	1.0102	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CO2_NBIO_IDLEX	1.0475	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CO2_NBIO_RUNEX	1.0475	0	373.9937482	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CO2_NBIO_STREX	1.0475	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
NOX_IDLEX	1.0028	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
NOX_RUNEX	1.0028	0	0.564122166	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
NOX_STREX	1.0028	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
PM10_IDLEX	1.0105	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
PM10_PMBW		0	0.036750011	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.008000002**
PM10_RUNEX	1.0105	0	0.060883324	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
PM10_STREX	1.0105	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
PM25_IDLEX	1.0105	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
PM25_PMBW		0	0.015750005	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.002000001**
PM25_RUNEX	1.0105	0	0.058249538	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
PM25_STREX	1.0105	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
ROG_DIURN		0	0.000728453	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.000201826**
ROG_HTSK		0	0.004888026	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.004888026**
ROG_IDLEX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
ROG_RESTL		0	8.57726E-05	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**2.37643E-05**
ROG_RUNEX		0	0.091484106	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
ROG_RUNLS		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
ROG_STREX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
SO2_IDLEX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
SO2_RUNEX		0	0.003535586	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
SO2_STREX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
TOG_DIURN	1.0028	0	0.000728453	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.000201826**
TOG_HTSK	1.0028	0	0.004888026	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.004888026**
TOG_IDLEX	1.0024	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
TOG_RESTL	1.0028	0	8.57726E-05	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**2.37643E-05**
TOG_RUNEX	1.0024	0	0.104148573	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
TOG_RUNLS	1.0028	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
TOG_STREX	1.0024	0.00000000	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**

LDT2 CalEEMod Emission Rate Worksheet

	100%
Vehicle Class: LDT2	0

Pollutant	CARB SAFE Rule Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	LDT2 Gas	LDT2 DSL	LDT2 Elec	LDT2 Gas	LDT2 DSL	LDT2 Elec	LDT2 Gas	LDT2 DSL	LDT2 Elec	
CH4_IDLEX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CH4_RUNEX		0	0.000592825	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CH4_STREX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CO_IDLEX	1.0102	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CO_RUNEX	1.0102	0	0.127004487	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CO_STREX	1.0102	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CO2_NBIO_IDLEX	1.0475	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CO2_NBIO_RUNEX	1.0475	0	249.144483	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CO2_NBIO_STREX	1.0475	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
NOX_IDLEX	1.0028	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
NOX_RUNEX	1.0028	0	0.030094478	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
NOX_STREX	1.0028	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
PM10_IDLEX	1.0105	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
PM10_PMBW		0	0.036750011	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.008000002**
PM10_RUNEX	1.0105	0	0.004151963	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
PM10_STREX	1.0105	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
PM25_IDLEX	1.0105	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
PM25_PMBW		0	0.015750005	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.002000001**
PM25_RUNEX	1.0105	0	0.003972351	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
PM25_STREX	1.0105	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
ROG_DIURN		0	0.016340367	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.003408224**
ROG_HTSK		0	0.004888026	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.004888026**
ROG_IDLEX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
ROG_RESTL		0	0.0050371	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.001050623**
ROG_RUNEX		0	0.012763164	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
ROG_RUNLS		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
ROG_STREX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
SO2_IDLEX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
SO2_RUNEX		0	0.002355311	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
SO2_STREX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
TOG_DIURN	1.0028	0	0.016340367	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.003408224**
TOG_HTSK	1.0028	0	0.004888026	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.004888026**
TOG_IDLEX	1.0024	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
TOG_RESTL	1.0028	0	0.0050371	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.001050623**
TOG_RUNEX	1.0024	0	0.014530014	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
TOG_RUNLS	1.0028	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
TOG_STREX	1.0024	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CH4_IDLEX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CH4_RUNEX		0	0.000592825	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CH4_STREX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CO_IDLEX	1.0102	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CO_RUNEX	1.0102	0	0.127004487	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CO_STREX	1.0102	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CO2_NBIO_IDLEX	1.0475	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CO2_NBIO_RUNEX	1.0475	0	249.144483	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CO2_NBIO_STREX	1.0475	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
NOX_IDLEX	1.0028	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
NOX_RUNEX	1.0028	0	0.028944647	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
NOX_STREX	1.0028	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
PM10_IDLEX	1.0105	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
PM10_PMBW		0	0.036750011	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.008000002**
PM10_RUNEX	1.0105	0	0.004151963	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
PM10_STREX	1.0105	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
PM25_IDLEX	1.0105	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
PM25_PMBW		0	0.015750005	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.002000001**
PM25_RUNEX	1.0105	0	0.003972351	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
PM25_STREX	1.0105	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
ROG_DIURN		0	0.055052995	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.011482786**
ROG_HTSK		0	0.004888026	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.004888026**
ROG_IDLEX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
ROG_RESTL		0	0.026225054	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.005469942**
ROG_RUNEX		0	0.012763164	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
ROG_RUNLS		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
ROG_STREX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
SO2_IDLEX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
SO2_RUNEX		0	0.002355311	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
SO2_STREX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
TOG_DIURN	1.0028	0	0.055052995	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.011482786**
TOG_HTSK	1.0028	0	0.004888026	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.004888026**
TOG_IDLEX	1.0024	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
TOG_RESTL	1.0028	0	0.026225054	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.005469942**
TOG_RUNEX	1.0024	0	0.014530014	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
TOG_RUNLS	1.0028	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
TOG_STREX	1.0024	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**

CH4_IDLEX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CH4_RUNEX		0	0.000592825	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CH4_STREX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CO_IDLEX	1.0102	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CO_RUNEX	1.0102	0	0.127004487	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CO_STREX	1.0102	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CO2_NBIO_IDLEX	1.0475	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CO2_NBIO_RUNEX	1.0475	0	249.144483	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CO2_NBIO_STREX	1.0475	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
NOX_IDLEX	1.0028	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
NOX_RUNEX	1.0028	0	0.030537948	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
NOX_STREX	1.0028	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
PM10_IDLEX	1.0105	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
PM10_PMBW		0	0.036750011	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.008000002**
PM10_RUNEX	1.0105	0	0.004151963	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
PM10_STREX	1.0105	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
PM25_IDLEX	1.0105	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
PM25_PMBW		0	0.015750005	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.002000001**
PM25_RUNEX	1.0105	0	0.003972351	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
PM25_STREX	1.0105	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
ROG_DIURN		0	0.000728453	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.000151938**
ROG_HTSK		0	0.004888026	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.004888026**
ROG_IDLEX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
ROG_RESTL		0	8.57726E-05	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**1.78902E-05**
ROG_RUNEX		0	0.012763164	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
ROG_RUNLS		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
ROG_STREX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
SO2_IDLEX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
SO2_RUNEX		0	0.002355311	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
SO2_STREX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
TOG_DIURN	1.0028	0	0.000728453	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.000151938**
TOG_HTSK	1.0028	0	0.004888026	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.004888026**
TOG_IDLEX	1.0024	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
TOG_RESTL	1.0028	0	8.57726E-05	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**1.78902E-05**
TOG_RUNEX	1.0024	0	0.014530014	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
TOG_RUNLS	1.0028	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
TOG_STREX	1.0024	0.00000000	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**

MDV CalEEMod Emission Rate Worksheet

	100%
Vehicle Class: MDV	0

Pollutant	CARB SAFE Rule Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	MDV Gas	MDV DSL	MDV Elec	MDV Gas	MDV DSL	MDV Elec	MDV Gas	MDV DSL	MDV Elec	
CH4_IDLEX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CH4_RUNEX		0	0.000368411	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CH4_STREX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CO_IDLEX	1.0102	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CO_RUNEX	1.0102	0	0.172978808	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CO_STREX	1.0102	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CO2_NBIO_IDLEX	1.0475	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CO2_NBIO_RUNEX	1.0475	0	326.7262253	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CO2_NBIO_STREX	1.0475	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
NOX_IDLEX	1.0028	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
NOX_RUNEX	1.0028	0	0.026557395	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
NOX_STREX	1.0028	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
PM10_IDLEX	1.0105	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
PM10_PMBW		0	0.036750011	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.008000002**
PM10_RUNEX	1.0105	0	0.003113271	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
PM10_STREX	1.0105	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
PM25_IDLEX	1.0105	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
PM25_PMBW		0	0.015750005	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.002000001**
PM25_RUNEX	1.0105	0	0.002978592	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
PM25_STREX	1.0105	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
ROG_DIURN		0	0.016340367	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.003436472**
ROG_HTSK		0	0.004888026	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.004888026**
ROG_IDLEX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
ROG_RESTL		0	0.0050371	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.001059331**
ROG_RUNEX		0	0.007931676	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
ROG_RUNLS		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
ROG_STREX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
SO2_IDLEX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
SO2_RUNEX		0	0.003088738	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
SO2_STREX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
TOG_DIURN	1.0028	0	0.016340367	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.003436472**
TOG_HTSK	1.0028	0	0.004888026	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.004888026**
TOG_IDLEX	1.0024	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
TOG_RESTL	1.0028	0	0.0050371	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.001059331**
TOG_RUNEX	1.0024	0	0.009029686	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
TOG_RUNLS	1.0028	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
TOG_STREX	1.0024	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CH4_IDLEX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CH4_RUNEX		0	0.000368411	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CH4_STREX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CO_IDLEX	1.0102	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CO_RUNEX	1.0102	0	0.172978808	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CO_STREX	1.0102	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CO2_NBIO_IDLEX	1.0475	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CO2_NBIO_RUNEX	1.0475	0	326.7262253	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CO2_NBIO_STREX	1.0475	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
NOX_IDLEX	1.0028	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
NOX_RUNEX	1.0028	0	0.025543678	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
NOX_STREX	1.0028	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
PM10_IDLEX	1.0105	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
PM10_PMBW		0	0.036750011	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.008000002**
PM10_RUNEX	1.0105	0	0.003113271	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
PM10_STREX	1.0105	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
PM25_IDLEX	1.0105	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
PM25_PMBW		0	0.015750005	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.002000001**
PM25_RUNEX	1.0105	0	0.002978592	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
PM25_STREX	1.0105	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
ROG_DIURN		0	0.055052995	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.011577958**
ROG_HTSK		0	0.004888026	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.004888026**
ROG_IDLEX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
ROG_RESTL		0	0.026225054	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.005515278**
ROG_RUNEX		0	0.007931676	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
ROG_RUNLS		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
ROG_STREX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
SO2_IDLEX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
SO2_RUNEX		0	0.003088738	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
SO2_STREX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
TOG_DIURN	1.0028	0	0.055052995	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.011577958**
TOG_HTSK	1.0028	0	0.004888026	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.004888026**
TOG_IDLEX	1.0024	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
TOG_RESTL	1.0028	0	0.026225054	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.005515278**
TOG_RUNEX	1.0024	0	0.009029686	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
TOG_RUNLS	1.0028	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
TOG_STREX	1.0024	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**

CH4_IDLEX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CH4_RUNEX		0	0.000368411	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CH4_STREX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CO_IDLEX	1.0102	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CO_RUNEX	1.0102	0	0.172978808	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CO_STREX	1.0102	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CO2_NBIO_IDLEX	1.0475	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CO2_NBIO_RUNEX	1.0475	0	326.7262253	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CO2_NBIO_STREX	1.0475	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
NOX_IDLEX	1.0028	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
NOX_RUNEX	1.0028	0	0.026947603	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
NOX_STREX	1.0028	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
PM10_IDLEX	1.0105	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
PM10_PMBW		0	0.036750011	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.008000002**
PM10_RUNEX	1.0105	0	0.003113271	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
PM10_STREX	1.0105	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
PM25_IDLEX	1.0105	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
PM25_PMBW		0	0.015750005	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.002000001**
PM25_RUNEX	1.0105	0	0.002978592	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
PM25_STREX	1.0105	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
ROG_DIURN		0	0.000728453	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.000153198**
ROG_HTSK		0	0.004888026	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.004888026**
ROG_IDLEX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
ROG_RESTL		0	8.57726E-05	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**1.80385E-05**
ROG_RUNEX		0	0.007931676	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
ROG_RUNLS		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
ROG_STREX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
SO2_IDLEX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
SO2_RUNEX		0	0.003088738	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
SO2_STREX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
TOG_DIURN	1.0028	0	0.000728453	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.000153198**
TOG_HTSK	1.0028	0	0.004888026	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.004888026**
TOG_IDLEX	1.0024	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
TOG_RESTL	1.0028	0	8.57726E-05	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**1.80385E-05**
TOG_RUNEX	1.0024	0	0.009029686	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
TOG_RUNLS	1.0028	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
TOG_STREX	1.0024	0.00000000	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**

LHDT1 CalEEMod Emission Rate Worksheet

													100%
				Vehicle Class:	LHDT1								0
Pollutant	**Emission Rates**			**Population**			**VMT**			**Trips**			**CalEEMod Emission**
	Gas	DSL	ELEC	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	**Rate**
CH4_IDLEX	0.111596172	0.005098128	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
CH4_RUNEX	0.006760019	0.007050005	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
CH4_STREX	0.020075032	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
CO_IDLEX	3.760725065	0.909745076	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
CO_RUNEX	0.603002177	0.684901721	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
CO_STREX	1.645171623	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
CO2_NBIO_IDLEX	115.9230801	127.6429914	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
CO2_NBIO_RUNEX	946.8886672	515.1618254	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
CO2_NBIO_STREX	18.22383481	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
NOX_IDLEX	0.034304229	1.779250619	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
NOX_RUNEX	0.156162561	1.219502479	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
NOX_STREX	0.465361888	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
PM10_IDLEX	0	0.02746617	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
PM10_PMBW	0.076440022	0.076440022	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.076440022**
PM10_PMTW	0.008000002	0.012000003	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.0099372**
PM10_RUNEX	0.002282183	0.01944323	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
PM10_STREX	0.000381058	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
PM25_IDLEX	0	0.026277995	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
PM25_PMBW	0.032760009	0.032760009	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.032760009**
PM25_PMTW	0.002000001	0.003000001	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.0024843**
PM25_RUNEX	0.002098383	0.018602125	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
PM25_STREX	0.000350369	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
ROG_DIURN	0.041794378	0.016340367	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.00215156**
ROG_HTSK	0.115416207	0.004888026	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.067446235**
ROG_IDLEX	0.393191818	0.109759705	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
ROG_RESTL	0.024607598	0.0050371	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.001108637**
ROG_RUNEX	0.030922492	0.151782448	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
ROG_RUNLS	0.867677846	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.491099844**
ROG_STREX	0.099988844	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
SO2_IDLEX	0.001147153	0.001206685	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
SO2_RUNEX	0.009370231	0.004870132	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
SO2_STREX	0.00018034	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
TOG_DIURN	0.041794378	0.016340367	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.00215156**
TOG_HTSK	0.115416207	0.004888026	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.067446235**
TOG_IDLEX	0.573744578	0.124954127	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
TOG_RESTL	0.024607598	0.0050371	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.001108637**
TOG_RUNEX	0.045122028	0.172794225	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
TOG_RUNLS	0.867677846	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.491099844**
TOG_STREX	0.109475198	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
CH4_IDLEX	0.111972555	0.005098128	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
CH4_RUNEX	0.00701263	0.007050005	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
CH4_STREX	0.018823933	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
CO_IDLEX	3.760725065	0.909745076	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
CO_RUNEX	0.625025119	0.684901721	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
CO_STREX	1.513938854	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
CO2_NBIO_IDLEX	115.9230801	127.6429914	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
CO2_NBIO_RUNEX	946.9286366	515.1618254	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
CO2_NBIO_STREX	17.99362729	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
NOX_IDLEX	0.034304229	1.779250619	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
NOX_RUNEX	0.139836026	1.177533816	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
NOX_STREX	0.430852781	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
PM10_IDLEX	0	0.02746617	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
PM10_PMBW	0.076440022	0.076440022	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.076440022**
PM10_PMTW	0.008000002	0.012000003	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.0099372**
PM10_RUNEX	0.002282183	0.01944323	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
PM10_STREX	0.000381058	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
PM25_IDLEX	0	0.026277995	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
PM25_PMBW	0.032760009	0.032760009	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.032760009**
PM25_PMTW	0.002000001	0.003000001	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.0024843**
PM25_RUNEX	0.002098383	0.018602125	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
PM25_STREX	0.000350369	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
ROG_DIURN	0.105314326	0.055052995	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.005900387**
ROG_HTSK	0.131487253	0.004888026	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.07654234**
ROG_IDLEX	0.393191818	0.109759705	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
ROG_RESTL	0.055696697	0.0050371	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.002289709**
ROG_RUNEX	0.032096185	0.151782448	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
ROG_RUNLS	0.84573	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.478677511**
ROG_STREX	0.093376838	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
SO2_IDLEX	0.001147153	0.001206685	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
SO2_RUNEX	0.009370626	0.004870132	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
SO2_STREX	0.000178062	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
TOG_DIURN	0.105314326	0.016340367	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.004564678**
TOG_HTSK	0.131487253	0.004888026	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.07654234**
TOG_IDLEX	0.573744578	0.124954127	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
TOG_RESTL	0.055696697	0.0050371	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.002289709**
TOG_RUNEX	0.046834678	0.172794225	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
TOG_RUNLS	0.84573	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.478677511**
TOG_STREX	0.102235885	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**

CH4_IDLEX	0.11128302	0.005098128	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
CH4_RUNEX	0.00655557	0.007050005	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
CH4_STREX	0.02113515	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
CO_IDLEX	3.760725065	0.909745076	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
CO_RUNEX	0.585872212	0.684901721	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
CO_STREX	1.769378734	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
CO2_NBIO_IDLEX	115.9230801	127.6429914	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
CO2_NBIO_RUNEX	946.8574457	515.1618254	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
CO2_NBIO_STREX	18.43965283	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
NOX_IDLEX	0.034304229	1.779250619	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
NOX_RUNEX	0.166626089	1.236832565	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
NOX_STREX	0.496758202	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
PM10_IDLEX	0	0.02746617	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
PM10_PMBW	0.076440022	0.076440022	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.076440022**
PM10_PMTW	0.008000002	0.012000003	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.0099372**
PM10_RUNEX	0.002282183	0.01944323	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
PM10_STREX	0.000381058	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
PM25_IDLEX	0	0.026277995	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
PM25_PMBW	0.032760009	0.032760009	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.032760009**
PM25_PMTW	0.002000001	0.003000001	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.0024843**
PM25_RUNEX	0.002098383	0.018602125	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
PM25_STREX	0.000350369	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
ROG_DIURN	0.015355625	0.016340367	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.001147154**
ROG_HTSK	0.125483433	0.004888026	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.073144218**
ROG_IDLEX	0.393191818	0.109759705	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
ROG_RESTL	0.011124795	0.0050371	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.000596426**
ROG_RUNEX	0.029978868	0.151782448	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
ROG_RUNLS	0.962247488	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.544625628**
ROG_STREX	0.105631609	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
SO2_IDLEX	0.001147153	0.001206685	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
SO2_RUNEX	0.009369922	0.004870132	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
SO2_STREX	0.000182475	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
TOG_DIURN	0.015355625	0.016340367	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.001147154**
TOG_HTSK	0.125483433	0.004888026	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.073144218**
TOG_IDLEX	0.573744578	0.124954127	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
TOG_RESTL	0.011124795	0.0050371	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.000596426**
TOG_RUNEX	0.043745093	0.172794225	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**
TOG_RUNLS	0.962247488	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0.544625628**
TOG_STREX	0.115653315	0	0	9829.200527	8927.070664	0	339150.1573	318499.0465	0	146440.4423	112291.3187	0	**0**

LHDT2 CalEEMod Emission Rate Worksheet

													100%
				Vehicle Class:	LHDT2								0
Pollutant	**Emission Rates**			**Population**			**VMT**			**Trips**			**CalEEMod Emission**
	Gas	DSL	ELEC	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	**Rate**
CH4_IDLEX	0.110125996	0.005098128	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
CH4_RUNEX	0.004503345	0.006654645	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
CH4_STREX	0.018184686	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
CO_IDLEX	3.772043476	0.909745076	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
CO_RUNEX	0.355431285	0.6467189	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
CO_STREX	1.534724257	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
CO2_NBIO_IDLEX	132.0790331	203.4868088	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
CO2_NBIO_RUNEX	1072.237084	574.8382367	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
CO2_NBIO_STREX	20.41152683	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
NOX_IDLEX	0.033216622	1.714162406	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
NOX_RUNEX	0.129399181	0.919689501	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
NOX_STREX	0.447152435	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
PM10_IDLEX	0	0.027904434	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
PM10_PMBW	0.089180026	0.089180026	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.089180026**
PM10_PMTW	0.008000002	0.012000003	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.010861958**
PM10_RUNEX	0.002087359	0.021439544	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
PM10_STREX	0.000319638	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
PM25_IDLEX	0	0.0266973	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
PM25_PMBW	0.038220011	0.038220011	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.038220011**
PM25_PMTW	0.002000001	0.003000001	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.002715489**
PM25_RUNEX	0.00191925	0.020512079	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
PM25_STREX	0.000293895	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
ROG_DIURN	0.031171461	0.016340367	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.001555191**
ROG_HTSK	0.086825247	0.004888026	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.031347421**
ROG_IDLEX	0.381153114	0.109759705	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
ROG_RESTL	0.01952263	0.0050371	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.000694282**
ROG_RUNEX	0.018513361	0.143270596	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
ROG_RUNLS	0.52308957	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.168917539**
ROG_STREX	0.087803323	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
SO2_IDLEX	0.001307029	0.001923682	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
SO2_RUNEX	0.010610655	0.005434289	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
SO2_STREX	0.000201989	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
TOG_DIURN	0.031171461	0.016340367	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.001555191**
TOG_HTSK	0.086825247	0.004888026	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.031347421**
TOG_IDLEX	0.556177729	0.124954127	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
TOG_RESTL	0.01952263	0.0050371	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.000694282**
TOG_RUNEX	0.027014652	0.163104048	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
TOG_RUNLS	0.52308957	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.168917539**
TOG_STREX	0.096133586	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
CH4_IDLEX	0.110494308	0.005098128	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
CH4_RUNEX	0.004671224	0.006654645	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
CH4_STREX	0.017058312	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
CO_IDLEX	3.772043476	0.909745076	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
CO_RUNEX	0.368144794	0.6467189	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
CO_STREX	1.414093577	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
CO2_NBIO_IDLEX	132.0790331	203.4868088	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
CO2_NBIO_RUNEX	1072.260118	574.8382367	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
CO2_NBIO_STREX	20.20090198	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
NOX_IDLEX	0.033216622	1.714162406	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
NOX_RUNEX	0.115010808	0.888373065	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
NOX_STREX	0.413999312	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
PM10_IDLEX	0	0.027904434	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
PM10_PMBW	0.089180026	0.089180026	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.089180026**
PM10_PMTW	0.008000002	0.012000003	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.010861958**
PM10_RUNEX	0.002087359	0.021439544	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
PM10_STREX	0.000319638	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
PM25_IDLEX	0	0.0266973	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
PM25_PMBW	0.038220011	0.038220011	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.038220011**
PM25_PMTW	0.002000001	0.003000001	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.002715489**
PM25_RUNEX	0.00191925	0.020512079	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
PM25_STREX	0.000293895	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
ROG_DIURN	0.077815464	0.055052995	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.004649981**
ROG_HTSK	0.098209895	0.004888026	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.035023784**
ROG_IDLEX	0.381153114	0.109759705	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
ROG_RESTL	0.043942649	0.0050371	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.001223582**
ROG_RUNEX	0.019181718	0.143270596	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
ROG_RUNLS	0.509678972	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.164586951**
ROG_STREX	0.08201882	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
SO2_IDLEX	0.001307029	0.001923682	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
SO2_RUNEX	0.010610883	0.005434289	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
SO2_STREX	0.000199904	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
TOG_DIURN	0.077815464	0.016340367	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.002566192**
TOG_HTSK	0.098209895	0.004888026	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.035023784**
TOG_IDLEX	0.556177729	0.124954127	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
TOG_RESTL	0.043942649	0.0050371	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.001223582**
TOG_RUNEX	0.027989917	0.163104048	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
TOG_RUNLS	0.509678972	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.164586951**
TOG_STREX	0.089800284	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**

CH4_IDLEX	0.109819428	0.005098128	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
CH4_RUNEX	0.004366768	0.006654645	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
CH4_STREX	0.019137569	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
CO_IDLEX	3.772043476	0.909745076	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
CO_RUNEX	0.345539822	0.6467189	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
CO_STREX	1.648758439	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
CO2_NBIO_IDLEX	132.0790331	203.4868088	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
CO2_NBIO_RUNEX	1072.219065	574.8382367	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
CO2_NBIO_STREX	20.60882581	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
NOX_IDLEX	0.033216622	1.714162406	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
NOX_RUNEX	0.138433061	0.932612967	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
NOX_STREX	0.477337191	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
PM10_IDLEX	0	0.027904434	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
PM10_PMBW	0.089180026	0.089180026	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.089180026**
PM10_PMTW	0.008000002	0.012000003	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.010861958**
PM10_RUNEX	0.002087359	0.021439544	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
PM10_STREX	0.000319638	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
PM25_IDLEX	0	0.0266973	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
PM25_PMBW	0.038220011	0.038220011	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.038220011**
PM25_PMTW	0.002000001	0.003000001	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.002715489**
PM25_RUNEX	0.00191925	0.020512079	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
PM25_STREX	0.000293895	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
ROG_DIURN	0.012339469	0.016340367	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.001147011**
ROG_HTSK	0.090898774	0.004888026	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.032662856**
ROG_IDLEX	0.381153114	0.109759705	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
ROG_RESTL	0.009067981	0.0050371	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.00046768**
ROG_RUNEX	0.017970606	0.143270596	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
ROG_RUNLS	0.58402694	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.188595604**
ROG_STREX	0.092732805	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
SO2_IDLEX	0.001307029	0.001923682	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
SO2_RUNEX	0.010610477	0.005434289	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
SO2_STREX	0.000203941	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
TOG_DIURN	0.012339469	0.016340367	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.001147011**
TOG_HTSK	0.090898774	0.004888026	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.032662856**
TOG_IDLEX	0.556177729	0.124954127	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
TOG_RESTL	0.009067981	0.0050371	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.00046768**
TOG_RUNEX	0.026222666	0.163104048	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**
TOG_RUNLS	0.58402694	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0.188595604**
TOG_STREX	0.101530749	0	0	1313.748984	3262.552721	0	46472.72959	116869.5778	0	19572.90237	41038.80893	0	**0**

MHDT CalEEMod Emission Rate Worksheet

													100%
				Vehicle Class:	MHDT								0
Pollutant	**Emission Rates**			**Population**			**VMT**			**Trips**			**CalEEMod Emission**
	Gas	DSL	ELEC	MHDT Gas	MHDT DSL	MHDT Elec	MHDT Gas	MHDT DSL	MHDT Elec	MHDT Gas	MHDT DSL	MHDT Elec	**Rate**
CH4_IDLEX	0	0.003866213	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
CH4_RUNEX	0	0.000551682	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
CH4_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
CO_IDLEX	0	3.105778257	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
CO_RUNEX	0	0.120474249	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
CO_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
CO2_NBIO_IDLEX	0	956.7578081	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
CO2_NBIO_RUNEX	0	965.8248903	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
CO2_NBIO_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
NOX_IDLEX	0	5.987926838	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
NOX_RUNEX	0	1.695039431	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
NOX_STREX	0	2.160253558	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
PM10_IDLEX	0	0.004029616	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
PM10_PMBW	0	0.130340037	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.012000003**
PM10_RUNEX	0	0.008310114	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
PM10_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
PM25_IDLEX	0	0.003855296	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
PM25_PMBW	0	0.055860016	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.003000001**
PM25_RUNEX	0	0.007950622	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
PM25_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
ROG_DIURN	0	0.016340367	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.001731258**
ROG_HTSK	0	0.004888026	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.004888026**
ROG_IDLEX	0	0.083238509	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
ROG_RESTL	0	0.0050371	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.00053368**
ROG_RUNEX	0	0.011877554	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
ROG_RUNLS	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
ROG_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
SO2_IDLEX	0	0.009038973	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
SO2_RUNEX	0	0.009124635	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
SO2_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
TOG_DIURN	0	0.016340367	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.001731258**
TOG_HTSK	0	0.004888026	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.004888026**
TOG_IDLEX	0	0.094760706	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
TOG_RESTL	0	0.0050371	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.00053368**
TOG_RUNEX	0	0.013521691	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
TOG_RUNLS	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
TOG_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
CH4_IDLEX	0	0.004043923	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
CH4_RUNEX	0	0.000551682	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
CH4_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
CO_IDLEX	0	3.038353656	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
CO_RUNEX	0	0.120474249	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
CO_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
CO2_NBIO_IDLEX	0	951.6197742	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
CO2_NBIO_RUNEX	0	965.8248903	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
CO2_NBIO_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
NOX_IDLEX	0	5.843262426	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
NOX_RUNEX	0	1.631664338	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
NOX_STREX	0	2.160253558	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
PM10_IDLEX	0	0.003445856	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
PM10_PMBW	0	0.130340037	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.012000003**
PM10_RUNEX	0	0.008310114	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
PM10_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
PM25_IDLEX	0	0.003296789	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
PM25_PMBW	0	0.055860016	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.003000001**
PM25_RUNEX	0	0.007950622	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
PM25_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
ROG_DIURN	0	0.055052995	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.005832852**
ROG_HTSK	0	0.004888026	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.004888026**
ROG_IDLEX	0	0.087064554	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
ROG_RESTL	0	0.026225054	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.002778538**
ROG_RUNEX	0	0.011877554	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
ROG_RUNLS	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
ROG_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
SO2_IDLEX	0	0.008990432	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
SO2_RUNEX	0	0.009124635	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
SO2_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
TOG_DIURN	0	0.055052995	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.005832852**
TOG_HTSK	0	0.004888026	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.004888026**
TOG_IDLEX	0	0.099116367	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
TOG_RESTL	0	0.026225054	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.002778538**
TOG_RUNEX	0	0.013521691	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
TOG_RUNLS	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
TOG_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**

CH4_IDLEX	0	0.003620804	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
CH4_RUNEX	0	0.000551682	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
CH4_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
CO_IDLEX	0	3.198888419	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
CO_RUNEX	0	0.120474249	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
CO_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
CO2_NBIO_IDLEX	0	963.8531884	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
CO2_NBIO_RUNEX	0	965.8248903	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
CO2_NBIO_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
NOX_IDLEX	0	6.187701504	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
NOX_RUNEX	0	1.720963287	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
NOX_STREX	0	2.160253558	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
PM10_IDLEX	0	0.004835761	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
PM10_PMBW	0	0.130340037	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.012000003**
PM10_RUNEX	0	0.008310114	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
PM10_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
PM25_IDLEX	0	0.004626568	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
PM25_PMBW	0	0.055860016	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.003000001**
PM25_RUNEX	0	0.007950622	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
PM25_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
ROG_DIURN	0	0.000728453	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**7.71794E-05**
ROG_HTSK	0	0.004888026	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.004888026**
ROG_IDLEX	0	0.077954924	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
ROG_RESTL	0	8.57726E-05	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**9.08759E-06**
ROG_RUNEX	0	0.011877554	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
ROG_RUNLS	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
ROG_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
SO2_IDLEX	0	0.009106007	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
SO2_RUNEX	0	0.009124635	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
SO2_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
TOG_DIURN	0	0.000728453	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**7.71794E-05**
TOG_HTSK	0	0.004888026	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.004888026**
TOG_IDLEX	0	0.088745747	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
TOG_RESTL	0	8.57726E-05	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**9.08759E-06**
TOG_RUNEX	0	0.013521691	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
TOG_RUNLS	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
TOG_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**

HHD CalEEMod Emission Rate Worksheet

													0%
				Vehicle Class:	HHDT								1
Pollutant	**Emission Rates**			**Population**			**VMT**				**Trips**		**CalEEMod Emission**
	Gas	DSL	NG	HHDT Gas	HHDT DSL	HHDT NG	HHDT Gas	HHDT DSL	HHDT NG	HHDT Gas	HHDT DSL	HHDT NG	**Rate**
CH4_IDLEX	0	0.210468097	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.019824617**
CH4_RUNEX	0	0.00109612	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.00109612**
CH4_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
CO_IDLEX	0	66.38462364	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**6.25296534**
CO_RUNEX	0	0.240832451	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.240832451**
CO_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
CO2_NBIO_IDLEX	0	10412.40391	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**980.7753238**
CO2_NBIO_RUNEX	0	1299.851922	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**1299.851922**
CO2_NBIO_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
NOX_IDLEX	0	55.53349917	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**5.230865621**
NOX_RUNEX	0	2.6194912	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**2.6194912**
NOX_STREX	0	2.404470981	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**2.404470981**
PM10_IDLEX	0	0.02438983	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.002297351**
PM10_PMBW	0	0.060879769	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.060879769**
PM10_PMTW	0	0.035498408	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.035498408**
PM10_RUNEX	0	0.024683492	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.024683492**
PM10_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
PM25_IDLEX	0	0.023334737	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.002197968**
PM25_PMBW	0	0.02609133	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.02609133**
PM25_PMTW	0	0.008874602	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.008874602**
PM25_RUNEX	0	0.023615695	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.023615695**
PM25_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
ROG_DIURN	0	0.016340367	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
ROG_HTSK	0	0.004888026	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
ROG_IDLEX	0	4.531320417	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.426818561**
ROG_RESTL	0	0.0050371	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
ROG_RUNEX	0	0.023599155	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.023599155**
ROG_RUNLS	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
ROG_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
SO2_IDLEX	0	0.098371229	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.009265879**
SO2_RUNEX	0	0.012280356	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.012280356**
SO2_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
TOG_DIURN	0	0.016340367	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
TOG_HTSK	0	0.004888026	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
TOG_IDLEX	0	5.158563365	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.485900441**
TOG_RESTL	0	0.0050371	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
TOG_RUNEX	0	0.026865842	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.026865842**
TOG_RUNLS	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
TOG_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
CH4_IDLEX	0	0.22275251	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.020981722**
CH4_RUNEX	0	0.00109612	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.00109612**
CH4_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
CO_IDLEX	0	65.46994988	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**6.166809495**
CO_RUNEX	0	0.240832451	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.240832451**
CO_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
CO2_NBIO_IDLEX	0	10289.5636	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**969.2046295**
CO2_NBIO_RUNEX	0	1299.851922	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**1299.851922**
CO2_NBIO_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
NOX_IDLEX	0	52.99260223	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**4.991530973**
NOX_RUNEX	0	2.524919167	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**2.524919167**
NOX_STREX	0	2.404470981	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**2.404470981**
PM10_IDLEX	0	0.021433838	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.002018917**
PM10_PMBW	0	0.060879769	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.060879769**
PM10_PMTW	0	0.035498408	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.035498408**
PM10_RUNEX	0	0.024683492	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.024683492**
PM10_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
PM25_IDLEX	0	0.02050662	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.00193158**
PM25_PMBW	0	0.02609133	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.02609133**
PM25_PMTW	0	0.008874602	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.008874602**
PM25_RUNEX	0	0.023615695	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.023615695**
PM25_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
ROG_DIURN	0	0.055052995	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
ROG_HTSK	0	0.004888026	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
ROG_IDLEX	0	4.795800462	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.451730724**
ROG_RESTL	0	0.026225054	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
ROG_RUNEX	0	0.023599155	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.023599155**
ROG_RUNLS	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
ROG_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
SO2_IDLEX	0	0.097210695	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.009156565**
SO2_RUNEX	0	0.012280356	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.012280356**
SO2_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
TOG_DIURN	0	0.055052995	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
TOG_HTSK	0	0.004888026	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
TOG_IDLEX	0	5.459653764	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.514261042**
TOG_RESTL	0	0.026225054	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
TOG_RUNEX	0	0.026865842	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.026865842**
TOG_RUNLS	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
TOG_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**

CH4_IDLEX	0	0.193503908	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.018226709**
CH4_RUNEX	0	0.00109612	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.00109612**
CH4_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
CO_IDLEX	0	67.64774455	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**6.371942459**
CO_RUNEX	0	0.240832451	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.240832451**
CO_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
CO2_NBIO_IDLEX	0	10582.04052	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**996.7539017**
CO2_NBIO_RUNEX	0	1299.851922	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**1299.851922**
CO2_NBIO_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
NOX_IDLEX	0	59.04235686	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**5.561375372**
NOX_RUNEX	0	2.65998809	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**2.65998809**
NOX_STREX	0	2.404470981	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**2.404470981**
PM10_IDLEX	0	0.028471913	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.002681854**
PM10_PMBW	0	0.060879769	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.060879769**
PM10_PMTW	0	0.035498408	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.035498408**
PM10_RUNEX	0	0.024683492	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.024683492**
PM10_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
PM25_IDLEX	0	0.027240231	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.002565838**
PM25_PMBW	0	0.02609133	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.02609133**
PM25_PMTW	0	0.008874602	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.008874602**
PM25_RUNEX	0	0.023615695	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.023615695**
PM25_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
ROG_DIURN	0	0.000728453	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
ROG_HTSK	0	0.004888026	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
ROG_IDLEX	0	4.16608607	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.39241605**
ROG_RESTL	0	8.57726E-05	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
ROG_RUNEX	0	0.023599155	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.023599155**
ROG_RUNLS	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
ROG_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
SO2_IDLEX	0	0.099973872	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.009416837**
SO2_RUNEX	0	0.012280356	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.012280356**
SO2_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
TOG_DIURN	0	0.000728453	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
TOG_HTSK	0	0.004888026	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
TOG_IDLEX	0	4.742771863	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.446735802**
TOG_RESTL	0	8.57726E-05	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
TOG_RUNEX	0	0.026865842	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.026865842**
TOG_RUNLS	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
TOG_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**

OBUS CalEEMod Emission Rate Worksheet

													100%
				Vehicle Class:	OBUS								0
Pollutant	**Emission Rates**			**Population**			**VMT**			**Trips**			**CalEEMod Emission**
	Gas	DSL	NG	OBUS Gas	OBUS DSL	OBUS NG	OBUS Gas	OBUS DSL	OBUS NG	OBUS Gas	OBUS DSL	OBUS NG	**Rate**
CH4_IDLEX	0	0.040806286	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
CH4_RUNEX	0	0.000605059	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
CH4_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
CO_IDLEX	0	14.05547395	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
CO_RUNEX	0	0.143739976	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
CO_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
CO2_NBIO_IDLEX	0	2539.102749	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
CO2_NBIO_RUNEX	0	1113.676059	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
CO2_NBIO_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
NOX_IDLEX	0	12.17668718	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
NOX_RUNEX	0	1.849106135	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
NOX_STREX	0	2.216391705	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
PM10_IDLEX	0	0.00413608	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
PM10_PMBW	0	0.130340037	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.012000003**
PM10_RUNEX	0	0.011774966	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
PM10_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
PM25_IDLEX	0	0.003957155	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
PM25_PMBW	0	0.055860016	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.003000001**
PM25_RUNEX	0	0.011265587	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
PM25_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
ROG_DIURN	0	0.016340367	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.001684051**
ROG_HTSK	0	0.004888026	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.004888026**
ROG_IDLEX	0	0.878548156	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
ROG_RESTL	0	0.0050371	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.000519127**
ROG_RUNEX	0	0.013026765	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
ROG_RUNLS	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
ROG_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
SO2_IDLEX	0	0.023988184	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
SO2_RUNEX	0	0.010521459	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
SO2_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
TOG_DIURN	0	0.016340367	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.001684051**
TOG_HTSK	0	0.004888026	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.004888026**
TOG_IDLEX	0	1.0001602	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
TOG_RESTL	0	0.0050371	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.000519127**
TOG_RUNEX	0	0.01482998	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
TOG_RUNLS	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
TOG_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
CH4_IDLEX	0	0.043253476	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
CH4_RUNEX	0	0.000605059	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
CH4_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
CO_IDLEX	0	13.87258438	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
CO_RUNEX	0	0.143739976	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
CO_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
CO2_NBIO_IDLEX	0	2504.920584	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
CO2_NBIO_RUNEX	0	1113.676059	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
CO2_NBIO_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
NOX_IDLEX	0	11.56695313	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
NOX_RUNEX	0	1.780951663	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
NOX_STREX	0	2.216391705	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
PM10_IDLEX	0	0.003675186	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
PM10_PMBW	0	0.130340037	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.012000003**
PM10_RUNEX	0	0.011774966	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
PM10_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
PM25_IDLEX	0	0.003516199	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
PM25_PMBW	0	0.055860016	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.003000001**
PM25_RUNEX	0	0.011265587	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
PM25_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
ROG_DIURN	0	0.055052995	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.005673804**
ROG_HTSK	0	0.004888026	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.004888026**
ROG_IDLEX	0	0.931235479	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
ROG_RESTL	0	0.026225054	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.002702774**
ROG_RUNEX	0	0.013026765	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
ROG_RUNLS	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
ROG_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
SO2_IDLEX	0	0.023665248	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
SO2_RUNEX	0	0.010521459	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
SO2_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
TOG_DIURN	0	0.055052995	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.005673804**
TOG_HTSK	0	0.004888026	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.004888026**
TOG_IDLEX	0	1.060140706	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
TOG_RESTL	0	0.026225054	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.002702774**
TOG_RUNEX	0	0.01482998	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
TOG_RUNLS	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
TOG_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**

CH4_IDLEX	0	0.037426834	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
CH4_RUNEX	0	0.000605059	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
CH4_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
CO_IDLEX	0	14.30803574	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
CO_RUNEX	0	0.143739976	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
CO_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
CO2_NBIO_IDLEX	0	2586.306691	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
CO2_NBIO_RUNEX	0	1113.676059	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
CO2_NBIO_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
NOX_IDLEX	0	13.01870088	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
NOX_RUNEX	0	1.877312934	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
NOX_STREX	0	2.216391705	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
PM10_IDLEX	0	0.004772553	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
PM10_PMBW	0	0.130340037	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.012000003**
PM10_RUNEX	0	0.011774966	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
PM10_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
PM25_IDLEX	0	0.004566095	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
PM25_PMBW	0	0.055860016	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.003000001**
PM25_RUNEX	0	0.011265587	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
PM25_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
ROG_DIURN	0	0.000728453	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**7.50749E-05**
ROG_HTSK	0	0.004888026	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.004888026**
ROG_IDLEX	0	0.805789473	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
ROG_RESTL	0	8.57726E-05	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**8.8398E-06**
ROG_RUNEX	0	0.013026765	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
ROG_RUNLS	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
ROG_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
SO2_IDLEX	0	0.024434143	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
SO2_RUNEX	0	0.010521459	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
SO2_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
TOG_DIURN	0	0.000728453	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**7.50749E-05**
TOG_HTSK	0	0.004888026	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.004888026**
TOG_IDLEX	0	0.917329977	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
TOG_RESTL	0	8.57726E-05	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**8.8398E-06**
TOG_RUNEX	0	0.01482998	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
TOG_RUNLS	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
TOG_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**

UBUS CalEEMod Emission Rate Worksheet

100%

Vehicle Class: UBUS

0

Pollutant	Emission Rates				Population				VMT				Trips				CalEEMod Emission Rate
	Gas	DSL	ELEC	NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	
CH4_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CH4_RUNEX	0	0.072209421	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CH4_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CO_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CO_RUNEX	0	0.1217429	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CO_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CO2_NBIO_RUNEX	0	1535.676448	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CO2_NBIO_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
NOX_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
NOX_RUNEX	0	0.762240579	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
NOX_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
PM10_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
PM10_PMBW	0	0.076593628	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.076593628**
PM10_PMTW	0	0.03080343	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.03080343**
PM10_RUNEX	0	0.005644979	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
PM10_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
PM25_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
PM25_PMBW	0	0.03282584	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.03282584**
PM25_PMTW	0	0.007700858	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.007700858**
PM25_RUNEX	0	0.00540078	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
PM25_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
ROG_DIURN	0	0.016340367	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.016340367**
ROG_HTSK	0	0.004888026	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.004888026**
ROG_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
ROG_RESTL	0	0.0050371	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.001259275**
ROG_RUNEX	0	0.00103173	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
ROG_RUNLS	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
ROG_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
SO2_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
SO2_RUNEX	0	0.014517665	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
SO2_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
TOG_DIURN	0	0.016340367	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.016340367**
TOG_HTSK	0	0.004888026	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.004888026**
TOG_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
TOG_RESTL	0	0.0050371	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.001259275**
TOG_RUNEX	0	0.073695011	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
TOG_RUNLS	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
TOG_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CH4_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CH4_RUNEX	0	0.072209421	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CH4_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CO_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CO_RUNEX	0	0.1217429	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CO_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CO2_NBIO_RUNEX	0	1535.676448	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CO2_NBIO_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
NOX_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
NOX_RUNEX	0	0.762240579	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
NOX_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
PM10_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
PM10_PMBW	0	0.076593628	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.076593628**
PM10_PMTW	0	0.03080343	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.03080343**
PM10_RUNEX	0	0.005644979	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
PM10_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
PM25_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
PM25_PMBW	0	0.03282584	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.03282584**
PM25_PMTW	0	0.007700858	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.007700858**
PM25_RUNEX	0	0.00540078	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
PM25_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
ROG_DIURN	0	0.055052995	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.055052995**
ROG_HTSK	0	0.004888026	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.004888026**
ROG_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
ROG_RESTL	0	0.026225054	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.006556264**
ROG_RUNEX	0	0.00103173	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
ROG_RUNLS	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
ROG_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
SO2_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
SO2_RUNEX	0	0.014517665	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
SO2_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
TOG_DIURN	0	0.055052995	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.055052995**
TOG_HTSK	0	0.004888026	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.004888026**
TOG_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
TOG_RESTL	0	0.026225054	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.006556264**
TOG_RUNEX	0	0.073695011	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
TOG_RUNLS	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
TOG_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**

CH4_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CH4_RUNEX	0	0.072209421	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CH4_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CO_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CO_RUNEX	0	0.1217429	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CO_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CO2_NBIO_RUNEX	0	1535.676448	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CO2_NBIO_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
NOX_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
NOX_RUNEX	0	0.762240579	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
NOX_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
PM10_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
PM10_PMBW	0	0.076593628	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.076593628**
PM10_PMTW	0	0.03080343	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.03080343**
PM10_RUNEX	0	0.005644979	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
PM10_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
PM25_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
PM25_PMBW	0	0.03282584	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.03282584**
PM25_PMTW	0	0.007700858	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.007700858**
PM25_RUNEX	0	0.00540078	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
PM25_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
ROG_DIURN	0	0.000728453	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.000728453**
ROG_HTSK	0	0.004888026	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.004888026**
ROG_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
ROG_RESTL	0	8.57726E-05	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**2.14432E-05**
ROG_RUNEX	0	0.00103173	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
ROG_RUNLS	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
ROG_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
SO2_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
SO2_RUNEX	0	0.014517665	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
SO2_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
TOG_DIURN	0	0.000728453	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.000728453**
TOG_HTSK	0	0.004888026	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.004888026**
TOG_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
TOG_RESTL	0	8.57726E-05	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**2.14432E-05**
TOG_RUNEX	0	0.073695011	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
TOG_RUNLS	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
TOG_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**

MCY CalEEMod Emission Rate Worksheet

Vehicle Class: MCY

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	MCY Gas	MCY DSL	MCY NG	MCY Gas	MCY DSL	MCY NG	MCY Gas	MCY DSL	MCY NG	Rate
CH4_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**

CH4_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**

SBUS CalEEMod Emission Rate Worksheet

														100%
					Vehicle Class:	SBUS								0
Pollutant	**Emission Rates**			**Population**			**VMT**			**Trips**			**CalEEMod Emission**	
	Gas	DSL	NG	SBUS Gas	SBUS DSL	SBUS NG	SBUS Gas	SBUS DSL	SBUS NG	SBUS Gas	SBUS DSL	SBUS NG	**Rate**	
CH4_IDLEX	0	0.012530205	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
CH4_RUNEX	0	0.001712212	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
CH4_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
CO_IDLEX	0	9.669031048	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
CO_RUNEX	0	0.146662256	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
CO_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
CO2_NBIO_IDLEX	0	3203.69633	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
CO2_NBIO_RUNEX	0	958.1641722	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
CO2_NBIO_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
NOX_IDLEX	0	23.24898692	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
NOX_RUNEX	0	2.500127079	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
NOX_STREX	0	1.730908341	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
PM10_IDLEX	0	0.013366906	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
PM10_PMBW	0	0.744800213	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.744800213**	
PM10_PMTW	0	0.012000003	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.012000003**	
PM10_RUNEX	0	0.015263443	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
PM10_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
PM25_IDLEX	0	0.01278866	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
PM25_PMBW	0	0.319200091	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.319200091**	
PM25_PMTW	0	0.003000001	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.003000001**	
PM25_RUNEX	0	0.014603153	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
PM25_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
ROG_DIURN	0	0.016340367	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.001415993**	
ROG_HTSK	0	0.004888026	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.004888026**	
ROG_IDLEX	0	0.269771877	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
ROG_RESTL	0	0.0050371	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.000436496**	
ROG_RUNEX	0	0.036863456	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
ROG_RUNLS	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
ROG_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
SO2_IDLEX	0	0.030266934	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
SO2_RUNEX	0	0.00905226	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
SO2_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
TOG_DIURN	0	0.016340367	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.001415993**	
TOG_HTSK	0	0.004888026	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.004888026**	
TOG_IDLEX	0	0.307114747	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
TOG_RESTL	0	0.0050371	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.000436496**	
TOG_RUNEX	0	0.041966239	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
TOG_RUNLS	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
TOG_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
CH4_IDLEX	0	0.013026902	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
CH4_RUNEX	0	0.001712212	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
CH4_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
CO_IDLEX	0	9.408165738	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
CO_RUNEX	0	0.146662256	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
CO_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
CO2_NBIO_IDLEX	0	3212.154904	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
CO2_NBIO_RUNEX	0	958.1641722	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
CO2_NBIO_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
NOX_IDLEX	0	22.98591959	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
NOX_RUNEX	0	2.403715375	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
NOX_STREX	0	1.730908341	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
PM10_IDLEX	0	0.011424277	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
PM10_PMBW	0	0.744800213	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.744800213**	
PM10_PMTW	0	0.012000003	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.012000003**	
PM10_RUNEX	0	0.015263443	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
PM10_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
PM25_IDLEX	0	0.010930068	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
PM25_PMBW	0	0.319200091	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.319200091**	
PM25_PMTW	0	0.003000001	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.003000001**	
PM25_RUNEX	0	0.014603153	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
PM25_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
ROG_DIURN	0	0.055052995	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.004770681**	
ROG_HTSK	0	0.004888026	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.004888026**	
ROG_IDLEX	0	0.280465618	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
ROG_RESTL	0	0.026225054	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.002272562**	
ROG_RUNEX	0	0.036863456	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
ROG_RUNLS	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
ROG_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
SO2_IDLEX	0	0.030346847	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
SO2_RUNEX	0	0.00905226	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
SO2_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
TOG_DIURN	0	0.055052995	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.004770681**	
TOG_HTSK	0	0.004888026	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.004888026**	
TOG_IDLEX	0	0.319288756	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
TOG_RESTL	0	0.026225054	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.002272562**	
TOG_RUNEX	0	0.041966239	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
TOG_RUNLS	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	
TOG_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**	

CH4_IDLEX	0	0.011844291	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
CH4_RUNEX	0	0.001712212	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
CH4_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
CO_IDLEX	0	10.02927362	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
CO_RUNEX	0	0.146662256	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
CO_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
CO2_NBIO_IDLEX	0	3192.015443	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
CO2_NBIO_RUNEX	0	958.1641722	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
CO2_NBIO_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
NOX_IDLEX	0	23.61227037	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
NOX_RUNEX	0	2.54011242	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
NOX_STREX	0	1.730908341	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
PM10_IDLEX	0	0.016049585	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
PM10_PMBW	0	0.744800213	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.744800213**
PM10_PMTW	0	0.012000003	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.012000003**
PM10_RUNEX	0	0.015263443	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
PM10_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
PM25_IDLEX	0	0.015355287	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
PM25_PMBW	0	0.319200091	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.319200091**
PM25_PMTW	0	0.003000001	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.003000001**
PM25_RUNEX	0	0.014603153	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
PM25_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
ROG_DIURN	0	0.000728453	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**6.31249E-05**
ROG_HTSK	0	0.004888026	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.004888026**
ROG_IDLEX	0	0.255004331	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
ROG_RESTL	0	8.57726E-05	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**7.43273E-06**
ROG_RUNEX	0	0.036863456	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
ROG_RUNLS	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
ROG_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
SO2_IDLEX	0	0.030156579	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
SO2_RUNEX	0	0.00905226	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
SO2_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
TOG_DIURN	0	0.000728453	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**6.31249E-05**
TOG_HTSK	0	0.004888026	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.004888026**
TOG_IDLEX	0	0.29030302	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
TOG_RESTL	0	8.57726E-05	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**7.43273E-06**
TOG_RUNEX	0	0.041966239	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
TOG_RUNLS	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
TOG_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**

MH CalEEMod Emission Rate Worksheet

													100%
				Vehicle Class:	MH								0
Pollutant	**Emission Rates**			**Population**			**VMT**			**Trips**			**CalEEMod Emission**
	Gas	DSL	NG	MH Gas	MH DSL	MH NG	MH Gas	MH DSL	MH NG	MH Gas	MH DSL	MH NG	**Rate**
CH4_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CH4_RUNEX	0.004953271	0.004953271	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CH4_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CO_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CO_RUNEX	0.372362684	0.372362684	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CO_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CO2_NBIO_RUNEX	971.9622733	971.9622733	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CO2_NBIO_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
NOX_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
NOX_RUNEX	3.927682823	3.927682823	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
NOX_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
PM10_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.016000005**
PM10_RUNEX	0.085114785	0.085114785	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
PM10_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
PM25_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.004000001**
PM25_RUNEX	0.081432757	0.081432757	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
PM25_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
ROG_DIURN	0.016340367	0.016340367	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.163403667**
ROG_HTSK	0.004888026	0.004888026	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.004888026**
ROG_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
ROG_RESTL	0.0050371	0.0050371	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.050371004**
ROG_RUNEX	0.106641017	0.106641017	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
ROG_RUNLS	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
ROG_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
SO2_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
SO2_RUNEX	0.009188539	0.009188539	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
SO2_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
TOG_DIURN	0.016340367	0.016340367	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.163403667**
TOG_HTSK	0.004888026	0.004888026	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.004888026**
TOG_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
TOG_RESTL	0.0050371	0.0050371	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.050371004**
TOG_RUNEX	0.121403708	0.121403708	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
TOG_RUNLS	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
TOG_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CH4_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CH4_RUNEX	0.004953271	0.004953271	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CH4_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CO_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CO_RUNEX	0.372362684	0.372362684	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CO_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CO2_NBIO_RUNEX	971.9622733	971.9622733	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CO2_NBIO_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
NOX_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
NOX_RUNEX	3.780781722	3.780781722	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
NOX_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
PM10_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.016000005**
PM10_RUNEX	0.085114785	0.085114785	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
PM10_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
PM25_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.004000001**
PM25_RUNEX	0.081432757	0.081432757	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
PM25_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
ROG_DIURN	0.055052995	0.055052995	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.550529955**
ROG_HTSK	0.004888026	0.004888026	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.004888026**
ROG_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
ROG_RESTL	0.026225054	0.026225054	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.262250543**
ROG_RUNEX	0.106641017	0.106641017	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
ROG_RUNLS	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
ROG_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
SO2_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
SO2_RUNEX	0.009188539	0.009188539	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
SO2_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
TOG_DIURN	0.055052995	0.055052995	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.550529955**
TOG_HTSK	0.004888026	0.004888026	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.004888026**
TOG_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
TOG_RESTL	0.026225054	0.026225054	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.262250543**
TOG_RUNEX	0.121403708	0.121403708	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
TOG_RUNLS	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
TOG_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**

CH4_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CH4_RUNEX	0.004953271	0.004953271	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CH4_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CO_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CO_RUNEX	0.372362684	0.372362684	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CO_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CO2_NBIO_RUNEX	971.9622733	971.9622733	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CO2_NBIO_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
NOX_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
NOX_RUNEX	3.987794786	3.987794786	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
NOX_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
PM10_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.016000005**
PM10_RUNEX	0.085114785	0.085114785	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
PM10_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
PM25_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.004000001**
PM25_RUNEX	0.081432757	0.081432757	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
PM25_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
ROG_DIURN	0.000728453	0.000728453	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.007284528**
ROG_HTSK	0.004888026	0.004888026	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.004888026**
ROG_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
ROG_RESTL	8.57726E-05	8.57726E-05	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.000857726**
ROG_RUNEX	0.106641017	0.106641017	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
ROG_RUNLS	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
ROG_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
SO2_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
SO2_RUNEX	0.009188539	0.009188539	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
SO2_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
TOG_DIURN	0.000728453	0.000728453	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.007284528**
TOG_HTSK	0.004888026	0.004888026	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.004888026**
TOG_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
TOG_RESTL	8.57726E-05	8.57726E-05	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.000857726**
TOG_RUNEX	0.121403708	0.121403708	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
TOG_RUNLS	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
TOG_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**

EMFAC2017 Derived CalEEMod Annual Emission Rates: Scenario 4 Year 2021[1,2] - Trucks

Season	Pollutant	LDA	LDT1	LDT2	MDV	LHDT1	LHDT2	MHDT	HHDT	OBUS	UBUS	MCY	SBUS	MH
Annual	CH4_IDLEX	0	0	0	0	0.0004053	0.000405297	0.0006616	0.020416049	0.0064979	0	0	0.0011032	0
Annual	CH4_RUNEX	0.0007326	0.0093259	0.0006392	0.0005464	0.0083794	0.007552125	0.010370108	0.006461523	0.0112438	0.1614944	0	0.0025781	0.0056547
Annual	CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	CO_IDLEX	0	0	0	0	0.072324	0.072324011	0.288211762	5.603953686	1.4986626	0	0	0.7156012	0
Annual	CO_RUNEX	0.2203803	1.3383249	0.1213366	0.197671	0.8038205	0.725076379	0.62511497	0.525792613	0.7177932	0.2653145	0	0.1792653	0.4465905
Annual	CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	CO2_NBIO_IDLEX	0	0	0	0	10.912396	17.42994402	107.1353311	1082.602995	311.83536	0	0	304.8566	0
Annual	CO2_NBIO_RUNEX	212.76808	434.06899	291.54796	384.97872	564.87868	631.0420878	1094.721819	1521.613561	1285.7269	1690.6458	0	1060.6559	1042.5307
Annual	CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	NOX_IDLEX	0	0	0	0	0.1827443	0.179566678	1.042054985	5.938308303	2.3559987	0	0	2.6152904	0
Annual	NOX_RUNEX	0.0961606	1.2404814	0.0397981	0.0557583	2.4393266	1.832279958	3.417579783	4.130703096	3.8421551	2.3667303	0	3.7514033	4.7976865
Annual	NOX_STREX[3]	0	0	0	0	0	0	1.32575792	1.899601069	1.558666	0	0	1.3802397	0
Annual	PM10_IDLEX	0	0	0	0	0.002223	0.00221268	0.003158369	0.008734554	0.009716	0	0	0.0021356	0
Annual	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060765095	0.13034	0.0762074	0	0.7448002	0.13034
Annual	PM10_PMTW	0.008	0.008	0.008	0.008	0.012	0.012000003	0.012000003	0.035431542	0.012	0.0309386	0	0.012	0.016
Annual	PM10_RUNEX	0.0083636	0.1490546	0.0048799	0.0053703	0.0296505	0.02657967	0.093649181	0.062276156	0.0969203	0.007026	0	0.0222031	0.1196369
Annual	PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	PM25_IDLEX	0	0	0	0	0.0021268	0.002116961	0.003021739	0.008356701	0.0092957	0	0	0.0020433	0
Annual	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.026042184	0.05586	0.0326603	0	0.3192001	0.05586
Annual	PM25_PMTW	0.002	0.002	0.002	0.002	0.003	0.003000001	0.003000001	0.008857886	0.003	0.0077346	0	0.003	0.004
Annual	PM25_RUNEX	0.0080018	0.1426065	0.0046688	0.005138	0.0283678	0.025429846	0.089597959	0.059582117	0.0927276	0.006722	0	0.0212426	0.1144614
Annual	PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	ROG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	ROG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	ROG_IDLEX	0	0	0	0	0.0087258	0.008725809	0.014244075	0.439551933	0.1398973	0	0	0.0237511	0
Annual	ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	ROG_RUNEX	0.0157733	0.2007815	0.0137625	0.0117646	0.1804031	0.162592811	0.223265592	0.139114814	0.2420749	0.0023074	0	0.0555067	0.1217434
Annual	ROG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	SO2_IDLEX	0	0	0	0	0.0001032	0.000164776	0.001012161	0.010227896	0.0029461	0	0	0.0028801	0
Annual	SO2_RUNEX	0.0020114	0.0041035	0.0027562	0.0036394	0.0053401	0.005965617	0.010342389	0.01437545	0.0121469	0.0159827	0	0.0100206	0.0098557
Annual	SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	TOG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	TOG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	TOG_IDLEX	0	0	0	0	0.0099338	0.009933754	0.016215795	0.500396417	0.1592624	0	0	0.0270388	0
Annual	TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	TOG_RUNEX	0.0179569	0.2285764	0.0156677	0.0133932	0.205377	0.185101105	0.254170881	0.158371627	0.2755838	0.1648169	0	0.0631901	0.1385968
Annual	TOG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	CH4_IDLEX	0	0	0	0	0.0004053	0.000405297	0.000648452	0.021250614	0.006503	0	0	0.0011233	0
Summer	CH4_RUNEX	0.0007326	0.0093259	0.0006392	0.0005464	0.0083794	0.007552125	0.010370108	0.006461523	0.0112438	0.1614944	0	0.0025781	0.0056547
Summer	CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	CO_IDLEX	0	0	0	0	0.072324	0.072324011	0.260330734	5.466530752	1.3816155	0	0	0.6848402	0

Summer	CO_RUNEX	0.2203803	1.3383249	0.1213366	0.197671	0.8038205	0.725076379	0.62511497	0.525792613	0.7177932	0.2653145	0	0.1792653	0.4465905
Summer	CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	CO2_NBIO_IDLEX	0	0	0	0	10.912396	17.42994402	109.1212029	1080.510165	314.57981	0	0	309.24369	0
Summer	CO2_NBIO_RUNEX	212.76808	434.06899	291.54796	384.97872	564.87868	631.0420878	1094.721819	1521.613561	1285.7269	1690.6458	0	1060.6559	1042.5307
Summer	CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	NOX_IDLEX	0	0	0	0	0.1827443	0.179566678	1.055812487	5.783678732	2.3572922	0	0	2.6329045	0
Summer	NOX_RUNEX	0.0924948	1.19323	0.0382788	0.0536313	2.3533845	1.767853766	3.290129314	3.981673293	3.7009598	2.3667303	0	3.6067825	4.6184658
Summer	NOX_STREX[3]	0	0	0	0	0	0	1.32575792	1.899601069	1.558666	0	0	1.3802397	0
Summer	PM10_IDLEX	0	0	0	0	0.002223	0.00221268	0.002666581	0.008122117	0.0082093	0	0	0.0018121	0
Summer	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060765095	0.13034	0.0762074	0	0.7448002	0.13034
Summer	PM10_PMTW	0.008	0.008	0.008	0.008	0.012	0.012000003	0.012000003	0.035431542	0.012	0.0309386	0	0.012	0.016
Summer	PM10_RUNEX	0.0083636	0.1490546	0.0048799	0.0053703	0.0296505	0.02657967	0.093649181	0.062276156	0.0969203	0.007026	0	0.0222031	0.1196369
Summer	PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	PM25_IDLEX	0	0	0	0	0.0021268	0.002116961	0.002551226	0.007770757	0.0078541	0	0	0.0017337	0
Summer	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.026042184	0.05586	0.0326603	0	0.3192001	0.05586
Summer	PM25_PMTW	0.002	0.002	0.002	0.002	0.003	0.003000001	0.003000001	0.008857886	0.003	0.0077346	0	0.003	0.004
Summer	PM25_RUNEX	0.0080018	0.1426065	0.0046688	0.005138	0.0283678	0.025429846	0.089597959	0.059582117	0.0927276	0.006722	0	0.0212426	0.1144614
Summer	PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	ROG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	ROG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	ROG_IDLEX	0	0	0	0	0.0087258	0.008725809	0.013960991	0.457519882	0.140008	0	0	0.0241844	0
Summer	ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	ROG_RUNEX	0.0157733	0.2007815	0.0137625	0.0117646	0.1804031	0.162592811	0.223265592	0.139114814	0.2420749	0.0023074	0	0.0555067	0.1217434
Summer	ROG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	SO2_IDLEX	0	0	0	0	0.0001032	0.000164776	0.001030923	0.010208124	0.002972	0	0	0.0029216	0
Summer	SO2_RUNEX	0.0020114	0.0041035	0.0027562	0.0036394	0.0053401	0.005965617	0.010342389	0.01437545	0.0121469	0.0159827	0	0.0100206	0.0098557
Summer	SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	TOG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	TOG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	TOG_IDLEX	0	0	0	0	0.0099338	0.009933754	0.015893526	0.520851559	0.1593885	0	0	0.0275321	0
Summer	TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	TOG_RUNEX	0.0179569	0.2285764	0.0156677	0.0133932	0.205377	0.185101105	0.254170881	0.158371627	0.2755838	0.1648169	0	0.0631901	0.1385968
Summer	TOG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0

Winter	CH4_IDLEX	0	0	0	0	0.0004053	0.000405297	0.000679758	0.019263555	0.0064908	0	0	0.0010754	0
Winter	CH4_RUNEX	0.0007326	0.0093259	0.0006392	0.0005464	0.0083794	0.007552125	0.010370108	0.006461523	0.0112438	0.1614944	0	0.0025781	0.0056547
Winter	CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	CO_IDLEX	0	0	0	0	0.072324	0.072324011	0.326714135	5.793728215	1.660299	0	0	0.7580806	0
Winter	CO_RUNEX	0.2203803	1.3383249	0.1213366	0.197671	0.8038205	0.725076379	0.62511497	0.525792613	0.7177932	0.2653145	0	0.1792653	0.4465905
Winter	CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	CO2_NBIO_IDLEX	0	0	0	0	10.912396	17.42994402	104.3929367	1085.493094	308.04539	0	0	298.79823	0
Winter	CO2_NBIO_RUNEX	212.76808	434.06899	291.54796	384.97872	564.87868	631.0420878	1094.721819	1521.613561	1285.7269	1690.6458	0	1060.6559	1042.5307
Winter	CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	NOX_IDLEX	0	0	0	0	0.1827443	0.179566678	1.02305653	6.151844377	2.3542124	0	0	2.5909661	0
Winter	NOX_RUNEX	0.097568	1.2585919	0.0403832	0.056576	2.4748296	1.858881178	3.469770947	4.194922729	3.9009687	2.3667303	0	3.8111803	4.8710137
Winter	NOX_STREX[3]	0	0	0	0	0	0	1.32575792	1.899601069	1.558666	0	0	1.3802397	0
Winter	PM10_IDLEX	0	0	0	0	0.002223	0.00221268	0.003837504	0.0095803	0.0117968	0	0	0.0025824	0
Winter	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060765095	0.13034	0.0762074	0	0.7448002	0.13034
Winter	PM10_PMTW	0.008	0.008	0.008	0.008	0.012	0.012000003	0.012000003	0.035431542	0.012	0.0309386	0	0.012	0.016
Winter	PM10_RUNEX	0.0083636	0.1490546	0.0048799	0.0053703	0.0296505	0.02657967	0.093649181	0.062276156	0.0969203	0.007026	0	0.0222031	0.1196369
Winter	PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	PM25_IDLEX	0	0	0	0	0.0021268	0.002116961	0.003671496	0.009165861	0.0112865	0	0	0.0024707	0
Winter	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.026042184	0.05586	0.0326603	0	0.3192001	0.05586
Winter	PM25_PMTW	0.002	0.002	0.002	0.002	0.003	0.003000001	0.003000001	0.008857886	0.003	0.0077346	0	0.003	0.004
Winter	PM25_RUNEX	0.0080018	0.1426065	0.0046688	0.005138	0.0283678	0.025429846	0.089597959	0.059582117	0.0927276	0.006722	0	0.0212426	0.1144614
Winter	PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	ROG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	ROG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	ROG_IDLEX	0	0	0	0	0.0087258	0.008725809	0.014635	0.414739052	0.1397444	0	0	0.0231526	0
Winter	ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	ROG_RUNEX	0.0157733	0.2007815	0.0137625	0.0117646	0.1804031	0.162592811	0.223265592	0.139114814	0.2420749	0.0023074	0	0.0555067	0.1217434
Winter	ROG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	SO2_IDLEX	0	0	0	0	0.0001032	0.000164776	0.000986253	0.010255201	0.0029103	0	0	0.0028229	0
Winter	SO2_RUNEX	0.0020114	0.0041035	0.0027562	0.0036394	0.0053401	0.005965617	0.010342389	0.01437545	0.0121469	0.0159827	0	0.0100206	0.0098557
Winter	SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	TOG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	TOG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	TOG_IDLEX	0	0	0	0	0.0099338	0.009933754	0.016660833	0.47214884	0.1590884	0	0	0.0263575	0
Winter	TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	TOG_RUNEX	0.0179569	0.2285764	0.0156677	0.0133932	0.205377	0.185101105	0.254170881	0.158371627	0.2755838	0.1648169	0	0.0631901	0.1385968
Winter	TOG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0

1 Source: California Air Resources Board. EMFAC2017 Web Database. https://www.arb.ca.gov/emfac/2017/; California Air Pollution Control Officers Association (CAPCOA). 2017, November. California Emissions Estimator Model User's Guide, Version 2016.3.2, Appendix A.

2 Unless otherwise noted, per CalEEMod methodology, the calculated CalEEMod emission rates are derived from the emission rates obtained using the EMFAC2017 Web Database for the Contra Costa (SF) region .

3 Because EMFAC2017 provides vehicle trips data for MHDT and HHDT diesel trucks, the formula provided in Appendix A of the CalEEMod User's Guide in calculating the NO_X STREX emission rates are utilized.

Off-Model SAFE Rule Adjustment Factors for Gasoline Light Duty Vehicle (LDA, LDT1, LDT2, MDV) Emissions in EMFAC2017

Year	NOx Exh	TOG Evap	TOG Exh	PM Exh	CO Exh	CO2 Exh
2021	1.0002	1.0001	1.0002	1.0009	1.0005	1.0023
2022	1.0004	1.0003	1.0004	1.0018	1.0014	1.0065
2023	1.0007	1.0006	1.0007	1.0032	1.0027	1.0126
2024	1.0012	1.001	1.0011	1.0051	1.0044	1.0207
2025	1.0018	1.0016	1.0016	1.0074	1.0065	1.0309
2026	1.0023	1.0022	1.002	1.0091	1.0083	1.0394
2027	1.0028	1.0028	1.0024	1.0105	1.0102	1.0475
2028	1.0034	1.0035	1.0028	1.0117	1.012	1.0554
2029	1.004	1.0042	1.0032	1.0129	1.0138	1.0629
2030	1.0047	1.0051	1.0037	1.0142	1.0156	1.0702
2031	1.0054	1.0061	1.0042	1.0155	1.0173	1.077
2032	1.0061	1.0072	1.0047	1.0169	1.0189	1.0834
2033	1.0068	1.0083	1.0052	1.0182	1.0204	1.0893
2034	1.0075	1.0095	1.0058	1.0196	1.0218	1.0947
2035	1.0081	1.0108	1.0063	1.021	1.0232	1.0997
2036	1.0088	1.0121	1.0069	1.0223	1.0244	1.1041
2037	1.0094	1.0134	1.0074	1.0236	1.0255	1.108
2038	1.0099	1.0148	1.0079	1.0248	1.0265	1.1114
2039	1.0104	1.0161	1.0085	1.0259	1.0274	1.1143
2040	1.0109	1.0174	1.009	1.027	1.0281	1.1168
2041	1.0113	1.0186	1.0095	1.0279	1.0288	1.1189
2042	1.0116	1.0198	1.0099	1.0286	1.0294	1.1207
2043	1.0119	1.0207	1.0103	1.0293	1.0299	1.1221
2044	1.0122	1.0216	1.0106	1.0299	1.0303	1.1233
2045	1.0124	1.0225	1.0109	1.0303	1.0306	1.1243
2046	1.0125	1.0233	1.0111	1.0308	1.0309	1.1251
2047	1.0127	1.024	1.0113	1.0311	1.0311	1.1258
2048	1.0128	1.0246	1.0115	1.0314	1.0313	1.1263
2049	1.0128	1.0252	1.0116	1.0316	1.0315	1.1268
2050	1.0129	1.0257	1.0117	1.0318	1.0316	1.1272

Sources: California Air Resources Board. 2019, November 20. EMFAC Off-Model Adjustment Factors to Account for the SAFE Vehicles Rule Part One and the Final Safe Rule. hhttps://ww3.arb.ca.gov/msei/emfac_off_model_adjustment_factors_final_draft.pdf; California Air Resources Board. 2020, June 26. EMFAC Off-Model Adjustment Factors for Carbon Dioxide (CO2) Emissions to Account for the SAFE Vehicles Rule Part One and the Final Safe Rule. https://ww3.arb.ca.gov/msei/emfac_off_model_co2_adjustment_factors_06262020-final.pdf.

LDA CalEEMod Emission Rate Worksheet

Vehicle Class: LDA

Pollutant	Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	LDA Gas	LDA DSL	LDA Elec	LDA Gas	LDA DSL	LDA Elec	LDA Gas	LDA DSL	LDA Elec	
CH4_IDLEX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
CH4_RUNEX		0	0.000732642	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.000732642**
CH4_STREX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
CO_IDLEX	1.0005	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
CO_RUNEX	1.0005	0	0.22038035	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.22038035**
CO_STREX	1.0005	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
CO2_NBIO_IDLEX	1.0023	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
CO2_NBIO_RUNEX	1.0023	0	212.768076	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**212.768076**
CO2_NBIO_STREX	1.0023	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
NOX_IDLEX	1.0002	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
NOX_RUNEX	1.0002	0	0.096160603	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.096160603**
NOX_STREX	1.0002	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
PM10_IDLEX	1.0009	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
PM10_PMBW		0	0.036750011	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.008000002**
PM10_RUNEX	1.0009	0	0.008363638	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.008363638**
PM10_STREX	1.0009	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
PM25_IDLEX	1.0009	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
PM25_PMBW		0	0.015750005	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.002000001**
PM25_RUNEX	1.0009	0	0.00800183	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.00800183**
PM25_STREX	1.0009	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
ROG_DIURN		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
ROG_HTSK		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
ROG_IDLEX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
ROG_RESTL		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
ROG_RUNEX		0	0.015773346	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.015773346**
ROG_RUNLS		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
ROG_STREX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
SO2_IDLEX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
SO2_RUNEX		0	0.002011423	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.002011423**
SO2_STREX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
TOG_DIURN	1.0001	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
TOG_HTSK	1.0001	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
TOG_IDLEX	1.0002	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
TOG_RESTL	1.0001	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
TOG_RUNEX	1.0002	0	0.017956906	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.017956906**
TOG_RUNLS	1.0001	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
TOG_STREX	1.0002	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
CH4_IDLEX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
CH4_RUNEX		0	0.000732642	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.000732642**
CH4_STREX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
CO_IDLEX	1.0005	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
CO_RUNEX	1.0005	0	0.22038035	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.22038035**
CO_STREX	1.0005	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
CO2_NBIO_IDLEX	1.0023	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
CO2_NBIO_RUNEX	1.0023	0	212.768076	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**212.768076**
CO2_NBIO_STREX	1.0023	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
NOX_IDLEX	1.0002	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
NOX_RUNEX	1.0002	0	0.09249476	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.09249476**
NOX_STREX	1.0002	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
PM10_IDLEX	1.0009	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
PM10_PMBW		0	0.036750011	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.008000002**
PM10_RUNEX	1.0009	0	0.008363638	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.008363638**
PM10_STREX	1.0009	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
PM25_IDLEX	1.0009	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
PM25_PMBW		0	0.015750005	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.002000001**
PM25_RUNEX	1.0009	0	0.00800183	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.00800183**
PM25_STREX	1.0009	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
ROG_DIURN		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
ROG_HTSK		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
ROG_IDLEX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
ROG_RESTL		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
ROG_RUNEX		0	0.015773346	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.015773346**
ROG_RUNLS		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
ROG_STREX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
SO2_IDLEX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
SO2_RUNEX		0	0.002011423	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.002011423**
SO2_STREX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
TOG_DIURN	1.0001	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
TOG_HTSK	1.0001	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
TOG_IDLEX	1.0002	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
TOG_RESTL	1.0001	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
TOG_RUNEX	1.0002	0	0.017956906	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.017956906**
TOG_RUNLS	1.0001	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
TOG_STREX	1.0002	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**

CH4_IDLEX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
CH4_RUNEX		0	0.000732642	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.000732642**
CH4_STREX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
CO_IDLEX	1.0005	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
CO_RUNEX	1.0005	0	0.22038035	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.22038035**
CO_STREX	1.0005	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
CO2_NBIO_IDLEX	1.0023	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
CO2_NBIO_RUNEX	1.0023	0	212.768076	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**212.768076**
CO2_NBIO_STREX	1.0023	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
NOX_IDLEX	1.0002	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
NOX_RUNEX	1.0002	0	0.097567991	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.097567991**
NOX_STREX	1.0002	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
PM10_IDLEX	1.0009	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
PM10_PMBW		0	0.036750011	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.008000002**
PM10_RUNEX	1.0009	0	0.008363638	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.008363638**
PM10_STREX	1.0009	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
PM25_IDLEX	1.0009	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
PM25_PMBW		0	0.015750005	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.002000001**
PM25_RUNEX	1.0009	0	0.00800183	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.00800183**
PM25_STREX	1.0009	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
ROG_DIURN		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
ROG_HTSK		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
ROG_IDLEX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
ROG_RESTL		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
ROG_RUNEX		0	0.015773346	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.015773346**
ROG_RUNLS		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
ROG_STREX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
SO2_IDLEX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
SO2_RUNEX		0	0.002011423	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.002011423**
SO2_STREX		0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
TOG_DIURN	1.0001	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
TOG_HTSK	1.0001	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
TOG_IDLEX	1.0002	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
TOG_RESTL	1.0001	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
TOG_RUNEX	1.0002	0	0.017956906	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0.017956906**
TOG_RUNLS	1.0001	0	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**
TOG_STREX	1.0002	0.00000000	0	0	0	4153.121389	0	0	159664.2225	0	0	19439.8103	0	**0**

LDT1 CalEEMod Emission Rate Worksheet

Vehicle Class: LDT1

Pollutant	Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	LDT1 Gas	LDT1 DSL	LDT1 Elec	LDT1 Gas	LDT1 DSL	LDT1 Elec	LDT1 Gas	LDT1 DSL	LDT1 Elec	
CH4_IDLEX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
CH4_RUNEX		0	0.009325918	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.009325918**
CH4_STREX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
CO_IDLEX	1.0005	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
CO_RUNEX	1.0005	0	1.338324899	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**1.338324899**
CO_STREX	1.0005	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
CO2_NBIO_IDLEX	1.0023	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
CO2_NBIO_RUNEX	1.0023	0	434.0689927	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**434.0689927**
CO2_NBIO_STREX	1.0023	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
NOX_IDLEX	1.0002	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
NOX_RUNEX	1.0002	0	1.240481415	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**1.240481415**
NOX_STREX	1.0002	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
PM10_IDLEX	1.0009	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
PM10_PMBW		0	0.036750011	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.008000002**
PM10_RUNEX	1.0009	0	0.149054566	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.149054566**
PM10_STREX	1.0009	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
PM25_IDLEX	1.0009	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
PM25_PMBW		0	0.015750005	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.002000001**
PM25_RUNEX	1.0009	0	0.142606532	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.142606532**
PM25_STREX	1.0009	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
ROG_DIURN		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
ROG_HTSK		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
ROG_IDLEX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
ROG_RESTL		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
ROG_RUNEX		0	0.200781521	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.200781521**
ROG_RUNLS		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
ROG_STREX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
SO2_IDLEX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
SO2_RUNEX		0	0.004103513	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.004103513**
SO2_STREX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
TOG_DIURN	1.0001	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
TOG_HTSK	1.0001	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
TOG_IDLEX	1.0002	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
TOG_RESTL	1.0001	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
TOG_RUNEX	1.0002	0	0.228576412	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.228576412**
TOG_RUNLS	1.0001	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
TOG_STREX	1.0002	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
CH4_IDLEX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
CH4_RUNEX		0	0.009325918	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.009325918**
CH4_STREX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
CO_IDLEX	1.0005	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
CO_RUNEX	1.0005	0	1.338324899	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**1.338324899**
CO_STREX	1.0005	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
CO2_NBIO_IDLEX	1.0023	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
CO2_NBIO_RUNEX	1.0023	0	434.0689927	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**434.0689927**
CO2_NBIO_STREX	1.0023	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
NOX_IDLEX	1.0002	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
NOX_RUNEX	1.0002	0	1.193229956	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**1.193229956**
NOX_STREX	1.0002	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
PM10_IDLEX	1.0009	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
PM10_PMBW		0	0.036750011	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.008000002**
PM10_RUNEX	1.0009	0	0.149054566	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.149054566**
PM10_STREX	1.0009	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
PM25_IDLEX	1.0009	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
PM25_PMBW		0	0.015750005	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.002000001**
PM25_RUNEX	1.0009	0	0.142606532	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.142606532**
PM25_STREX	1.0009	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
ROG_DIURN		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
ROG_HTSK		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
ROG_IDLEX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
ROG_RESTL		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
ROG_RUNEX		0	0.200781521	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.200781521**
ROG_RUNLS		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
ROG_STREX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
SO2_IDLEX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
SO2_RUNEX		0	0.004103513	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.004103513**
SO2_STREX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
TOG_DIURN	1.0001	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
TOG_HTSK	1.0001	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
TOG_IDLEX	1.0002	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
TOG_RESTL	1.0001	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
TOG_RUNEX	1.0002	0	0.228576412	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.228576412**
TOG_RUNLS	1.0001	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
TOG_STREX	1.0002	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**

CH4_IDLEX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
CH4_RUNEX		0	0.009325918	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.009325918**
CH4_STREX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
CO_IDLEX	1.0005	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
CO_RUNEX	1.0005	0	1.338324899	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**1.338324899**
CO_STREX	1.0005	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
CO2_NBIO_IDLEX	1.0023	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
CO2_NBIO_RUNEX	1.0023	0	434.0689927	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**434.0689927**
CO2_NBIO_STREX	1.0023	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
NOX_IDLEX	1.0002	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
NOX_RUNEX	1.0002	0	1.258591927	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**1.258591927**
NOX_STREX	1.0002	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
PM10_IDLEX	1.0009	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
PM10_PMBW		0	0.036750011	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.008000002**
PM10_RUNEX	1.0009	0	0.149054566	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.149054566**
PM10_STREX	1.0009	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
PM25_IDLEX	1.0009	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
PM25_PMBW		0	0.015750005	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.002000001**
PM25_RUNEX	1.0009	0	0.142606532	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.142606532**
PM25_STREX	1.0009	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
ROG_DIURN		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
ROG_HTSK		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
ROG_IDLEX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
ROG_RESTL		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
ROG_RUNEX		0	0.200781521	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.200781521**
ROG_RUNLS		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
ROG_STREX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
SO2_IDLEX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
SO2_RUNEX		0	0.004103513	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.004103513**
SO2_STREX		0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
TOG_DIURN	1.0001	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
TOG_HTSK	1.0001	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
TOG_IDLEX	1.0002	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
TOG_RESTL	1.0001	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
TOG_RUNEX	1.0002	0	0.228576412	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0.228576412**
TOG_RUNLS	1.0001	0	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**
TOG_STREX	1.0002	0.00000000	0	0	0	27.96022764	0	0	476.6147462	0	0	93.64237192	0	**0**

LDT2 CalEEMod Emission Rate Worksheet

Vehicle Class: LDT2

Pollutant	Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	LDT2 Gas	LDT2 DSL	LDT2 Elec	LDT2 Gas	LDT2 DSL	LDT2 Elec	LDT2 Gas	LDT2 DSL	LDT2 Elec	
CH4_IDLEX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
CH4_RUNEX		0	0.000639242	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.000639242**
CH4_STREX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
CO_IDLEX	1.0005	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
CO_RUNEX	1.0005	0	0.121336608	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.121336608**
CO_STREX	1.0005	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
CO2_NBIO_IDLEX	1.0023	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
CO2_NBIO_RUNEX	1.0023	0	291.5479624	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**291.5479624**
CO2_NBIO_STREX	1.0023	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
NOX_IDLEX	1.0002	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
NOX_RUNEX	1.0002	0	0.039798146	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.039798146**
NOX_STREX	1.0002	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
PM10_IDLEX	1.0009	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
PM10_PMBW		0	0.036750011	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.008000002**
PM10_RUNEX	1.0009	0	0.004879899	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.004879899**
PM10_STREX	1.0009	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
PM25_IDLEX	1.0009	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
PM25_PMBW		0	0.015750005	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.002000001**
PM25_RUNEX	1.0009	0	0.004668797	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.004668797**
PM25_STREX	1.0009	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
ROG_DIURN		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
ROG_HTSK		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
ROG_IDLEX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
ROG_RESTL		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
ROG_RUNEX		0	0.013762499	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.013762499**
ROG_RUNLS		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
ROG_STREX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
SO2_IDLEX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
SO2_RUNEX		0	0.002756177	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.002756177**
SO2_STREX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
TOG_DIURN	1.0001	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
TOG_HTSK	1.0001	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
TOG_IDLEX	1.0002	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
TOG_RESTL	1.0001	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
TOG_RUNEX	1.0002	0	0.015667691	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.015667691**
TOG_RUNLS	1.0001	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
TOG_STREX	1.0002	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
CH4_IDLEX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
CH4_RUNEX		0	0.000639242	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.000639242**
CH4_STREX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
CO_IDLEX	1.0005	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
CO_RUNEX	1.0005	0	0.121336608	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.121336608**
CO_STREX	1.0005	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
CO2_NBIO_IDLEX	1.0023	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
CO2_NBIO_RUNEX	1.0023	0	291.5479624	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**291.5479624**
CO2_NBIO_STREX	1.0023	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
NOX_IDLEX	1.0002	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
NOX_RUNEX	1.0002	0	0.038278792	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.038278792**
NOX_STREX	1.0002	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
PM10_IDLEX	1.0009	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
PM10_PMBW		0	0.036750011	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.008000002**
PM10_RUNEX	1.0009	0	0.004879899	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.004879899**
PM10_STREX	1.0009	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
PM25_IDLEX	1.0009	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
PM25_PMBW		0	0.015750005	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.002000001**
PM25_RUNEX	1.0009	0	0.004668797	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.004668797**
PM25_STREX	1.0009	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
ROG_DIURN		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
ROG_HTSK		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
ROG_IDLEX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
ROG_RESTL		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
ROG_RUNEX		0	0.013762499	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.013762499**
ROG_RUNLS		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
ROG_STREX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
SO2_IDLEX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
SO2_RUNEX		0	0.002756177	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.002756177**
SO2_STREX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
TOG_DIURN	1.0001	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
TOG_HTSK	1.0001	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
TOG_IDLEX	1.0002	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
TOG_RESTL	1.0001	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
TOG_RUNEX	1.0002	0	0.015667691	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.015667691**
TOG_RUNLS	1.0001	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
TOG_STREX	1.0002	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**

CH4_IDLEX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
CH4_RUNEX		0	0.000639242	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.000639242**
CH4_STREX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
CO_IDLEX	1.0005	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
CO_RUNEX	1.0005	0	0.121336608	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.121336608**
CO_STREX	1.0005	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
CO2_NBIO_IDLEX	1.0023	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
CO2_NBIO_RUNEX	1.0023	0	291.5479624	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**291.5479624**
CO2_NBIO_STREX	1.0023	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
NOX_IDLEX	1.0002	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
NOX_RUNEX	1.0002	0	0.040383166	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.040383166**
NOX_STREX	1.0002	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
PM10_IDLEX	1.0009	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
PM10_PMBW		0	0.036750011	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.008000002**
PM10_RUNEX	1.0009	0	0.004879899	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.004879899**
PM10_STREX	1.0009	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
PM25_IDLEX	1.0009	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
PM25_PMBW		0	0.015750005	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.002000001**
PM25_RUNEX	1.0009	0	0.004668797	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.004668797**
PM25_STREX	1.0009	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
ROG_DIURN		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
ROG_HTSK		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
ROG_IDLEX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
ROG_RESTL		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
ROG_RUNEX		0	0.013762499	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.013762499**
ROG_RUNLS		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
ROG_STREX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
SO2_IDLEX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
SO2_RUNEX		0	0.002756177	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.002756177**
SO2_STREX		0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
TOG_DIURN	1.0001	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
TOG_HTSK	1.0001	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
TOG_IDLEX	1.0002	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
TOG_RESTL	1.0001	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
TOG_RUNEX	1.0002	0	0.015667691	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0.015667691**
TOG_RUNLS	1.0001	0	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**
TOG_STREX	1.0002	0.00000000	0	0	0	818.8391716	0	0	36305.10133	0	0	4018.717406	0	**0**

MDV CalEEMod Emission Rate Worksheet

Vehicle Class: MDV

Pollutant	Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission
		Gas	DSL	ELEC	MDV Gas	MDV DSL	MDV Elec	MDV Gas	MDV DSL	MDV Elec	MDV Gas	MDV DSL	MDV Elec	Rate
CH4_IDLEX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
CH4_RUNEX		0	0.000546444	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.000546444**
CH4_STREX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
CO_IDLEX	1.0005	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
CO_RUNEX	1.0005	0	0.197670983	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.197670983**
CO_STREX	1.0005	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
CO2_NBIO_IDLEX	1.0023	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
CO2_NBIO_RUNEX	1.0023	0	384.9787215	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**384.9787215**
CO2_NBIO_STREX	1.0023	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
NOX_IDLEX	1.0002	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
NOX_RUNEX	1.0002	0	0.055758315	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.055758315**
NOX_STREX	1.0002	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
PM10_IDLEX	1.0009	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
PM10_PMBW		0	0.036750011	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.008000002**
PM10_RUNEX	1.0009	0	0.005370314	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.005370314**
PM10_STREX	1.0009	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
PM25_IDLEX	1.0009	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
PM25_PMBW		0	0.015750005	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.002000001**
PM25_RUNEX	1.0009	0	0.005137996	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.005137996**
PM25_STREX	1.0009	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
ROG_DIURN		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
ROG_HTSK		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
ROG_IDLEX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
ROG_RESTL		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
ROG_RUNEX		0	0.011764617	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.011764617**
ROG_RUNLS		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
ROG_STREX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
SO2_IDLEX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
SO2_RUNEX		0	0.003639433	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.003639433**
SO2_STREX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
TOG_DIURN	1.0001	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
TOG_HTSK	1.0001	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
TOG_IDLEX	1.0002	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
TOG_RESTL	1.0001	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
TOG_RUNEX	1.0002	0	0.013393235	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.013393235**
TOG_RUNLS	1.0001	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
TOG_STREX	1.0002	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
CH4_IDLEX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
CH4_RUNEX		0	0.000546444	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.000546444**
CH4_STREX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
CO_IDLEX	1.0005	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
CO_RUNEX	1.0005	0	0.197670983	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.197670983**
CO_STREX	1.0005	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
CO2_NBIO_IDLEX	1.0023	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
CO2_NBIO_RUNEX	1.0023	0	384.9787215	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**384.9787215**
CO2_NBIO_STREX	1.0023	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
NOX_IDLEX	1.0002	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
NOX_RUNEX	1.0002	0	0.053631306	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.053631306**
NOX_STREX	1.0002	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
PM10_IDLEX	1.0009	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
PM10_PMBW		0	0.036750011	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.008000002**
PM10_RUNEX	1.0009	0	0.005370314	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.005370314**
PM10_STREX	1.0009	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
PM25_IDLEX	1.0009	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
PM25_PMBW		0	0.015750005	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.002000001**
PM25_RUNEX	1.0009	0	0.005137996	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.005137996**
PM25_STREX	1.0009	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
ROG_DIURN		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
ROG_HTSK		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
ROG_IDLEX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
ROG_RESTL		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
ROG_RUNEX		0	0.011764617	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.011764617**
ROG_RUNLS		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
ROG_STREX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
SO2_IDLEX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
SO2_RUNEX		0	0.003639433	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.003639433**
SO2_STREX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
TOG_DIURN	1.0001	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
TOG_HTSK	1.0001	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
TOG_IDLEX	1.0002	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
TOG_RESTL	1.0001	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
TOG_RUNEX	1.0002	0	0.013393235	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.013393235**
TOG_RUNLS	1.0001	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
TOG_STREX	1.0002	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**

CH4_IDLEX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
CH4_RUNEX		0	0.000546444	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.000546444**
CH4_STREX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
CO_IDLEX	1.0005	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
CO_RUNEX	1.0005	0	0.197670983	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.197670983**
CO_STREX	1.0005	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
CO2_NBIO_IDLEX	1.0023	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
CO2_NBIO_RUNEX	1.0023	0	384.9787215	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**384.9787215**
CO2_NBIO_STREX	1.0023	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
NOX_IDLEX	1.0002	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
NOX_RUNEX	1.0002	0	0.056576008	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.056576008**
NOX_STREX	1.0002	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
PM10_IDLEX	1.0009	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
PM10_PMBW		0	0.036750011	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.008000002**
PM10_RUNEX	1.0009	0	0.005370314	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.005370314**
PM10_STREX	1.0009	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
PM25_IDLEX	1.0009	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
PM25_PMBW		0	0.015750005	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.002000001**
PM25_RUNEX	1.0009	0	0.005137996	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.005137996**
PM25_STREX	1.0009	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
ROG_DIURN		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
ROG_HTSK		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
ROG_IDLEX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
ROG_RESTL		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
ROG_RUNEX		0	0.011764617	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.011764617**
ROG_RUNLS		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
ROG_STREX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
SO2_IDLEX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
SO2_RUNEX		0	0.003639433	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.003639433**
SO2_STREX		0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
TOG_DIURN	1.0001	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
TOG_HTSK	1.0001	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
TOG_IDLEX	1.0002	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
TOG_RESTL	1.0001	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
TOG_RUNEX	1.0002	0	0.013393235	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0.013393235**
TOG_RUNLS	1.0001	0	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**
TOG_STREX	1.0002	0.00000000	0	0	0	2002.190074	0	0	83935.83795	0	0	9717.54831	0	**0**

LDH1 CalEEMod Emission Rate Worksheet

Vehicle Class: LHDT1

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	ELEC	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	Rate
CH4_IDLEX	0	0.005098128	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.000405297**
CH4_RUNEX	0	0.008379381	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.008379381**
CH4_STREX	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
CO_IDLEX	0	0.909745076	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.072324011**
CO_RUNEX	0	0.803820496	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.803820496**
CO_STREX	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
CO2_NBIO_IDLEX	0	137.2642194	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**10.91239644**
CO2_NBIO_RUNEX	0	564.8786823	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**564.8786823**
CO2_NBIO_STREX	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
NOX_IDLEX	0	2.298693151	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.18274428**
NOX_RUNEX	0	2.439326555	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**2.439326555**
NOX_STREX	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
PM10_IDLEX	0	0.027962289	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.00222298**
PM10_PMBW	0	0.076440022	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.076440022**
PM10_PMTW	0	0.012000003	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.012000003**
PM10_RUNEX	0	0.02965047	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.02965047**
PM10_STREX	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
PM25_IDLEX	0	0.026752653	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.002126815**
PM25_PMBW	0	0.032760009	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.032760009**
PM25_PMTW	0	0.003000001	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.003000001**
PM25_RUNEX	0	0.028367804	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.028367804**
PM25_STREX	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
ROG_DIURN	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
ROG_HTSK	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
ROG_IDLEX	0	0.109759705	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.008725809**
ROG_RESTL	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
ROG_RUNEX	0	0.180403133	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.180403133**
ROG_RUNLS	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
ROG_STREX	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
SO2_IDLEX	0	0.001297641	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.000103161**
SO2_RUNEX	0	0.005340135	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.005340135**
SO2_STREX	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
TOG_DIURN	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
TOG_HTSK	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
TOG_IDLEX	0	0.124954127	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.009933754**
TOG_RESTL	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
TOG_RUNEX	0	0.205376973	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.205376973**
TOG_RUNLS	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
TOG_STREX	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
CH4_IDLEX	0	0.005098128	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.000405297**
CH4_RUNEX	0	0.008379381	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.008379381**
CH4_STREX	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
CO_IDLEX	0	0.909745076	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.072324011**
CO_RUNEX	0	0.803820496	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.803820496**
CO_STREX	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
CO2_NBIO_IDLEX	0	137.2642194	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**10.91239644**
CO2_NBIO_RUNEX	0	564.8786823	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**564.8786823**
CO2_NBIO_STREX	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
NOX_IDLEX	0	2.298693151	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.18274428**
NOX_RUNEX	0	2.353384515	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**2.353384515**
NOX_STREX	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
PM10_IDLEX	0	0.027962289	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.00222298**
PM10_PMBW	0	0.076440022	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.076440022**
PM10_PMTW	0	0.012000003	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.012000003**
PM10_RUNEX	0	0.02965047	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.02965047**
PM10_STREX	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
PM25_IDLEX	0	0.026752653	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.002126815**
PM25_PMBW	0	0.032760009	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.032760009**
PM25_PMTW	0	0.003000001	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.003000001**
PM25_RUNEX	0	0.028367804	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.028367804**
PM25_STREX	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
ROG_DIURN	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
ROG_HTSK	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
ROG_IDLEX	0	0.109759705	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.008725809**
ROG_RESTL	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
ROG_RUNEX	0	0.180403133	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.180403133**
ROG_RUNLS	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
ROG_STREX	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
SO2_IDLEX	0	0.001297641	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.000103161**
SO2_RUNEX	0	0.005340135	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.005340135**
SO2_STREX	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
TOG_DIURN	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
TOG_HTSK	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
TOG_IDLEX	0	0.124954127	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.009933754**
TOG_RESTL	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
TOG_RUNEX	0	0.205376973	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.205376973**
TOG_RUNLS	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
TOG_STREX	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**

CH4_IDLEX	0	0.005098128	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.000405297**
CH4_RUNEX	0	0.008379381	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.008379381**
CH4_STREX	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
CO_IDLEX	0	0.909745076	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.072324011**
CO_RUNEX	0	0.803820496	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.803820496**
CO_STREX	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
CO2_NBIO_IDLEX	0	137.2642194	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**10.91239644**
CO2_NBIO_RUNEX	0	564.8786823	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**564.8786823**
CO2_NBIO_STREX	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
NOX_IDLEX	0	2.298693151	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.18274428**
NOX_RUNEX	0	2.47482963	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**2.47482963**
NOX_STREX	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
PM10_IDLEX	0	0.027962289	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.00222298**
PM10_PMBW	0	0.076440022	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.076440022**
PM10_PMTW	0	0.012000003	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.012000003**
PM10_RUNEX	0	0.02965047	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.02965047**
PM10_STREX	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
PM25_IDLEX	0	0.026752653	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.002126815**
PM25_PMBW	0	0.032760009	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.032760009**
PM25_PMTW	0	0.003000001	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.003000001**
PM25_RUNEX	0	0.028367804	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.028367804**
PM25_STREX	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
ROG_DIURN	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
ROG_HTSK	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
ROG_IDLEX	0	0.109759705	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.008725809**
ROG_RESTL	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
ROG_RUNEX	0	0.180403133	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.180403133**
ROG_RUNLS	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
ROG_STREX	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
SO2_IDLEX	0	0.001297641	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.000103161**
SO2_RUNEX	0	0.005340135	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.005340135**
SO2_STREX	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
TOG_DIURN	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
TOG_HTSK	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
TOG_IDLEX	0	0.124954127	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.009933754**
TOG_RESTL	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
TOG_RUNEX	0	0.205376973	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0.205376973**
TOG_RUNLS	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**
TOG_STREX	0	0	0	0	8410.975714	0	0	313073.5378	0	0	105799.4935	0	**0**

LDH2 CalEEMod Emission Rate Worksheet

Vehicle Class: LHDT2

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	ELEC	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	Rate
CH4_IDLEX	0	0.005098128	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.000405297**
CH4_RUNEX	0	0.007552125	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.007552125**
CH4_STREX	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
CO_IDLEX	0	0.909745076	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.072324011**
CO_RUNEX	0	0.725076379	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.725076379**
CO_STREX	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
CO2_NBIO_IDLEX	0	219.246769	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**17.42994402**
CO2_NBIO_RUNEX	0	631.0420878	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**631.0420878**
CO2_NBIO_STREX	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
NOX_IDLEX	0	2.258722918	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.179566678**
NOX_RUNEX	0	1.832279958	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**1.832279958**
NOX_STREX	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
PM10_IDLEX	0	0.027832732	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.00221268**
PM10_PMBW	0	0.089180026	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.089180026**
PM10_PMTW	0	0.012000003	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.012000003**
PM10_RUNEX	0	0.02657967	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.02657967**
PM10_STREX	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
PM25_IDLEX	0	0.0266287	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.002116961**
PM25_PMBW	0	0.038220011	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.038220011**
PM25_PMTW	0	0.003000001	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.003000001**
PM25_RUNEX	0	0.025429846	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.025429846**
PM25_STREX	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
ROG_DIURN	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
ROG_HTSK	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
ROG_IDLEX	0	0.109759705	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.008725809**
ROG_RESTL	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
ROG_RUNEX	0	0.162592811	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.162592811**
ROG_RUNLS	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
ROG_STREX	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
SO2_IDLEX	0	0.00207267	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.000164776**
SO2_RUNEX	0	0.005965617	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.005965617**
SO2_STREX	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
TOG_DIURN	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
TOG_HTSK	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
TOG_IDLEX	0	0.124954127	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.009933754**
TOG_RESTL	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
TOG_RUNEX	0	0.185101105	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.185101105**
TOG_RUNLS	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
TOG_STREX	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
CH4_IDLEX	0	0.005098128	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.000405297**
CH4_RUNEX	0	0.007552125	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.007552125**
CH4_STREX	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
CO_IDLEX	0	0.909745076	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.072324011**
CO_RUNEX	0	0.725076379	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.725076379**
CO_STREX	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
CO2_NBIO_IDLEX	0	219.246769	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**17.42994402**
CO2_NBIO_RUNEX	0	631.0420878	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**631.0420878**
CO2_NBIO_STREX	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
NOX_IDLEX	0	2.258722918	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.179566678**
NOX_RUNEX	0	1.767853766	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**1.767853766**
NOX_STREX	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
PM10_IDLEX	0	0.027832732	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.00221268**
PM10_PMBW	0	0.089180026	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.089180026**
PM10_PMTW	0	0.012000003	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.012000003**
PM10_RUNEX	0	0.02657967	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.02657967**
PM10_STREX	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
PM25_IDLEX	0	0.0266287	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.002116961**
PM25_PMBW	0	0.038220011	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.038220011**
PM25_PMTW	0	0.003000001	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.003000001**
PM25_RUNEX	0	0.025429846	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.025429846**
PM25_STREX	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
ROG_DIURN	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
ROG_HTSK	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
ROG_IDLEX	0	0.109759705	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.008725809**
ROG_RESTL	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
ROG_RUNEX	0	0.162592811	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.162592811**
ROG_RUNLS	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
ROG_STREX	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
SO2_IDLEX	0	0.00207267	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.000164776**
SO2_RUNEX	0	0.005965617	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.005965617**
SO2_STREX	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
TOG_DIURN	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
TOG_HTSK	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
TOG_IDLEX	0	0.124954127	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.009933754**
TOG_RESTL	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
TOG_RUNEX	0	0.185101105	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.185101105**
TOG_RUNLS	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
TOG_STREX	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**

CH4_IDLEX	0	0.005098128	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.000405297**
CH4_RUNEX	0	0.007552125	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.007552125**
CH4_STREX	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
CO_IDLEX	0	0.909745076	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.072324011**
CO_RUNEX	0	0.725076379	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.725076379**
CO_STREX	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
CO2_NBIO_IDLEX	0	219.246769	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**17.42994402**
CO2_NBIO_RUNEX	0	631.0420878	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**631.0420878**
CO2_NBIO_STREX	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
NOX_IDLEX	0	2.258722918	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.179566678**
NOX_RUNEX	0	1.858881178	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**1.858881178**
NOX_STREX	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
PM10_IDLEX	0	0.027832732	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.00221268**
PM10_PMBW	0	0.089180026	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.089180026**
PM10_PMTW	0	0.012000003	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.012000003**
PM10_RUNEX	0	0.02657967	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.02657967**
PM10_STREX	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
PM25_IDLEX	0	0.0266287	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.002116961**
PM25_PMBW	0	0.038220011	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.038220011**
PM25_PMTW	0	0.003000001	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.003000001**
PM25_RUNEX	0	0.025429846	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.025429846**
PM25_STREX	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
ROG_DIURN	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
ROG_HTSK	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
ROG_IDLEX	0	0.109759705	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.008725809**
ROG_RESTL	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
ROG_RUNEX	0	0.162592811	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.162592811**
ROG_RUNLS	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
ROG_STREX	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
SO2_IDLEX	0	0.00207267	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.000164776**
SO2_RUNEX	0	0.005965617	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.005965617**
SO2_STREX	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
TOG_DIURN	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
TOG_HTSK	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
TOG_IDLEX	0	0.124954127	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.009933754**
TOG_RESTL	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
TOG_RUNEX	0	0.185101105	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0.185101105**
TOG_RUNLS	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**
TOG_STREX	0	0	0	0	2789.249048	0	0	106398.8434	0	0	35085.24415	0	**0**

MHDT CalEEMod Emission Rate Worksheet

Vehicle Class: MHDT

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	ELEC	MHDT Gas	MHDT DSL	MHDT Elec	MHDT Gas	MHDT DSL	MHDT Elec	MHDT Gas	MHDT DSL	MHDT Elec	Rate
CH4_IDLEX	0	0.006461452	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.0006616**
CH4_RUNEX	0	0.010370108	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.010370108**
CH4_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
CO_IDLEX	0	2.814790497	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.288211762**
CO_RUNEX	0	0.62511497	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.62511497**
CO_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
CO2_NBIO_IDLEX	0	1046.326179	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**107.1353311**
CO2_NBIO_RUNEX	0	1094.721819	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**1094.721819**
CO2_NBIO_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
NOX_IDLEX	0	10.1771227	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**1.042054985**
NOX_RUNEX	0	3.417579783	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**3.417579783**
NOX_STREX	0	1.32575792	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**1.32575792**
PM10_IDLEX	0	0.030845884	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.003158369**
PM10_PMBW	0	0.130340037	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.012000003**
PM10_RUNEX	0	0.093649181	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.093649181**
PM10_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
PM25_IDLEX	0	0.029511505	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.003021739**
PM25_PMBW	0	0.055860016	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.003000001**
PM25_RUNEX	0	0.089597959	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.089597959**
PM25_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
ROG_DIURN	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
ROG_HTSK	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
ROG_IDLEX	0	0.139113291	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.014244075**
ROG_RESTL	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
ROG_RUNEX	0	0.223265592	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.223265592**
ROG_RUNLS	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
ROG_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
SO2_IDLEX	0	0.009885171	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.001012161**
SO2_RUNEX	0	0.010342389	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.010342389**
SO2_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
TOG_DIURN	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
TOG_HTSK	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
TOG_IDLEX	0	0.158369892	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.016215795**
TOG_RESTL	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
TOG_RUNEX	0	0.254170881	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.254170881**
TOG_RUNLS	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
TOG_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
CH4_IDLEX	0	0.006333039	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.000648452**
CH4_RUNEX	0	0.010370108	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.010370108**
CH4_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
CO_IDLEX	0	2.542493305	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.260330734**
CO_RUNEX	0	0.62511497	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.62511497**
CO_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
CO2_NBIO_IDLEX	0	1065.720991	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**109.1212029**
CO2_NBIO_RUNEX	0	1094.721819	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**1094.721819**
CO2_NBIO_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
NOX_IDLEX	0	10.31148393	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**1.055812487**
NOX_RUNEX	0	3.290129314	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**3.290129314**
NOX_STREX	0	1.32575792	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**1.32575792**
PM10_IDLEX	0	0.02604289	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.002666581**
PM10_PMBW	0	0.130340037	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.012000003**
PM10_RUNEX	0	0.093649181	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.093649181**
PM10_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
PM25_IDLEX	0	0.024916286	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.002551226**
PM25_PMBW	0	0.055860016	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.003000001**
PM25_RUNEX	0	0.089597959	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.089597959**
PM25_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
ROG_DIURN	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
ROG_HTSK	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
ROG_IDLEX	0	0.136348584	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.013960991**
ROG_RESTL	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
ROG_RUNEX	0	0.223265592	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.223265592**
ROG_RUNLS	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
ROG_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
SO2_IDLEX	0	0.010068403	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.001030923**
SO2_RUNEX	0	0.010342389	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.010342389**
SO2_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
TOG_DIURN	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
TOG_HTSK	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
TOG_IDLEX	0	0.155222484	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.015893526**
TOG_RESTL	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
TOG_RUNEX	0	0.254170881	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.254170881**
TOG_RUNLS	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
TOG_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**

CH4_IDLEX	0	0.006638785	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.000679758**
CH4_RUNEX	0	0.010370108	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.010370108**
CH4_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
CO_IDLEX	0	3.190819951	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.326714135**
CO_RUNEX	0	0.62511497	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.62511497**
CO_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
CO2_NBIO_IDLEX	0	1019.542866	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**104.3929367**
CO2_NBIO_RUNEX	0	1094.721819	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**1094.721819**
CO2_NBIO_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
NOX_IDLEX	0	9.991576251	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**1.02305653**
NOX_RUNEX	0	3.469770947	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**3.469770947**
NOX_STREX	0	1.32575792	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**1.32575792**
PM10_IDLEX	0	0.037478591	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.003837504**
PM10_PMBW	0	0.130340037	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.012000003**
PM10_RUNEX	0	0.093649181	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.093649181**
PM10_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
PM25_IDLEX	0	0.035857284	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.003671496**
PM25_PMBW	0	0.055860016	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.003000001**
PM25_RUNEX	0	0.089597959	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.089597959**
PM25_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
ROG_DIURN	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
ROG_HTSK	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
ROG_IDLEX	0	0.142931219	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.014635**
ROG_RESTL	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
ROG_RUNEX	0	0.223265592	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.223265592**
ROG_RUNLS	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
ROG_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
SO2_IDLEX	0	0.009632135	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.000986253**
SO2_RUNEX	0	0.010342389	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.010342389**
SO2_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
TOG_DIURN	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
TOG_HTSK	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
TOG_IDLEX	0	0.162716313	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.016660833**
TOG_RESTL	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
TOG_RUNEX	0	0.254170881	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0.254170881**
TOG_RUNLS	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**
TOG_STREX	0	0	0	0	4795.864125	0	0	262100.582	0	0	46838.31312	0	**0**

HHDT CalEEMod Emission Rate Worksheet

Vehicle Class: HHDT

Season	Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
		Gas	DSL	NG	HHDT Gas	HHDT DSL	HHDT NG	HHDT Gas	HHDT DSL	HHDT NG	HHDT Gas	HHDT DSL	HHDT NG	Rate
Annual	CH4_IDLEX	0	0.214840829	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.020416049**
Annual	CH4_RUNEX	0	0.006461523	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.006461523**
Annual	CH4_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Annual	CO_IDLEX	0	58.97115855	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**5.603953686**
Annual	CO_RUNEX	0	0.525792613	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.525792613**
Annual	CO_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Annual	CO2_NBIO_IDLEX	0	11392.37696	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**1082.602995**
Annual	CO2_NBIO_RUNEX	0	1521.613561	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**1521.613561**
Annual	CO2_NBIO_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Annual	NOX_IDLEX	0	62.48961716	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**5.938308303**
Annual	NOX_RUNEX	0	4.130703096	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**4.130703096**
Annual	NOX_STREX	0	1.899601069	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**1.899601069**
Annual	PM10_IDLEX	0	0.091914885	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.008734554**
Annual	PM10_PMBW	0	0.060765095	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.060765095**
Annual	PM10_PMTW	0	0.035431542	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.035431542**
Annual	PM10_RUNEX	0	0.062276156	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.062276156**
Annual	PM10_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Annual	PM25_IDLEX	0	0.087938687	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.008356701**
Annual	PM25_PMBW	0	0.026042184	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.026042184**
Annual	PM25_PMTW	0	0.008857886	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.008857886**
Annual	PM25_RUNEX	0	0.059582117	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.059582117**
Annual	PM25_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Annual	ROG_DIURN	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Annual	ROG_HTSK	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Annual	ROG_IDLEX	0	4.625464129	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.439551933**
Annual	ROG_RESTL	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Annual	ROG_RUNEX	0	0.139114814	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.139114814**
Annual	ROG_RUNLS	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Annual	ROG_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Annual	SO2_IDLEX	0	0.107629529	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.010227896**
Annual	SO2_RUNEX	0	0.01437545	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.01437545**
Annual	SO2_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Annual	TOG_DIURN	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Annual	TOG_HTSK	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Annual	TOG_IDLEX	0	5.265738814	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.500396417**
Annual	TOG_RESTL	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Annual	TOG_RUNEX	0	0.158371627	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.158371627**
Annual	TOG_RUNLS	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Annual	TOG_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Summer	CH4_IDLEX	0	0.223623065	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.021250614**
Summer	CH4_RUNEX	0	0.006461523	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.006461523**
Summer	CH4_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Summer	CO_IDLEX	0	57.52503852	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**5.466530752**
Summer	CO_RUNEX	0	0.525792613	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.525792613**
Summer	CO_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Summer	CO2_NBIO_IDLEX	0	11370.35383	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**1080.510165**
Summer	CO2_NBIO_RUNEX	0	1521.613561	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**1521.613561**
Summer	CO2_NBIO_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Summer	NOX_IDLEX	0	60.86242938	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**5.783678732**
Summer	NOX_RUNEX	0	3.981673293	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**3.981673293**
Summer	NOX_STREX	0	1.899601069	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**1.899601069**
Summer	PM10_IDLEX	0	0.085470125	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.008122117**
Summer	PM10_PMBW	0	0.060765095	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.060765095**
Summer	PM10_PMTW	0	0.035431542	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.035431542**
Summer	PM10_RUNEX	0	0.062276156	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.062276156**
Summer	PM10_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Summer	PM25_IDLEX	0	0.081772726	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.007770757**
Summer	PM25_PMBW	0	0.026042184	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.026042184**
Summer	PM25_PMTW	0	0.008857886	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.008857886**
Summer	PM25_RUNEX	0	0.059582117	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.059582117**
Summer	PM25_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Summer	ROG_DIURN	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Summer	ROG_HTSK	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Summer	ROG_IDLEX	0	4.814543269	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.457519882**
Summer	ROG_RESTL	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Summer	ROG_RUNEX	0	0.139114814	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.139114814**
Summer	ROG_RUNLS	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Summer	ROG_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Summer	SO2_IDLEX	0	0.107421465	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.010208124**
Summer	SO2_RUNEX	0	0.01437545	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.01437545**
Summer	SO2_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Summer	TOG_DIURN	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Summer	TOG_HTSK	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Summer	TOG_IDLEX	0	5.480991022	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.520851559**
Summer	TOG_RESTL	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Summer	TOG_RUNEX	0	0.158371627	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.158371627**
Summer	TOG_RUNLS	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Summer	TOG_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**

Winter	CH4_IDLEX	0	0.202712979	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.019263555**
Winter	CH4_RUNEX	0	0.006461523	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.006461523**
Winter	CH4_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Winter	CO_IDLEX	0	60.96818145	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**5.793728215**
Winter	CO_RUNEX	0	0.525792613	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.525792613**
Winter	CO_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Winter	CO2_NBIO_IDLEX	0	11422.78986	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**1085.493094**
Winter	CO2_NBIO_RUNEX	0	1521.613561	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**1521.613561**
Winter	CO2_NBIO_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Winter	NOX_IDLEX	0	64.736686	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**6.151844377**
Winter	NOX_RUNEX	0	4.194922729	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**4.194922729**
Winter	NOX_STREX	0	1.899601069	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**1.899601069**
Winter	PM10_IDLEX	0	0.10081479	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.0095803**
Winter	PM10_PMBW	0	0.060765095	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.060765095**
Winter	PM10_PMTW	0	0.035431542	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.035431542**
Winter	PM10_RUNEX	0	0.062276156	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.062276156**
Winter	PM10_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Winter	PM25_IDLEX	0	0.096453587	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.009165861**
Winter	PM25_PMBW	0	0.026042184	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.026042184**
Winter	PM25_PMTW	0	0.008857886	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.008857886**
Winter	PM25_RUNEX	0	0.059582117	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.059582117**
Winter	PM25_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Winter	ROG_DIURN	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Winter	ROG_HTSK	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Winter	ROG_IDLEX	0	4.364354841	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.414739052**
Winter	ROG_RESTL	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Winter	ROG_RUNEX	0	0.139114814	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.139114814**
Winter	ROG_RUNLS	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Winter	ROG_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Winter	SO2_IDLEX	0	0.107916855	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.010255201**
Winter	SO2_RUNEX	0	0.01437545	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.01437545**
Winter	SO2_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Winter	TOG_DIURN	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Winter	TOG_HTSK	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Winter	TOG_IDLEX	0	4.968485766	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.47214884**
Winter	TOG_RESTL	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Winter	TOG_RUNEX	0	0.158371627	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0.158371627**
Winter	TOG_RUNLS	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**
Winter	TOG_STREX	0	0	0	0	4984.43665	0	0	598251.2894	0	0	52451.89743	0	**0**

OBUS CalEEMod Emission Rate Worksheet

Vehicle Class: OBUS

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	OBUS Gas	OBUS DSL	OBUS NG	OBUS Gas	OBUS DSL	OBUS NG	OBUS Gas	OBUS DSL	OBUS NG	Rate
CH4_IDLEX	0	0.063995683	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.006497868**
CH4_RUNEX	0	0.011243752	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.011243752**
CH4_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
CO_IDLEX	0	14.75990812	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**1.498662578**
CO_RUNEX	0	0.717793197	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.717793197**
CO_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
CO2_NBIO_IDLEX	0	3071.179118	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**311.8353567**
CO2_NBIO_RUNEX	0	1285.726894	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**1285.726894**
CO2_NBIO_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
NOX_IDLEX	0	23.20357137	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**2.355998683**
NOX_RUNEX	0	3.842155069	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**3.842155069**
NOX_STREX	0	1.558666014	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**1.558666014**
PM10_IDLEX	0	0.095690617	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.009716046**
PM10_PMBW	0	0.130340037	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.012000003**
PM10_RUNEX	0	0.09692033	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.09692033**
PM10_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
PM25_IDLEX	0	0.091551084	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.009295734**
PM25_PMBW	0	0.055860016	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.003000001**
PM25_RUNEX	0	0.092727599	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.092727599**
PM25_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
ROG_DIURN	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
ROG_HTSK	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
ROG_IDLEX	0	1.377809504	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.139897317**
ROG_RESTL	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
ROG_RUNEX	0	0.2420749	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.2420749**
ROG_RUNLS	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
ROG_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
SO2_IDLEX	0	0.029014977	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.002946066**
SO2_RUNEX	0	0.01214691	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.01214691**
SO2_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
TOG_DIURN	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
TOG_HTSK	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
TOG_IDLEX	0	1.56853124	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.159262446**
TOG_RESTL	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
TOG_RUNEX	0	0.275583847	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.275583847**
TOG_RUNLS	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
TOG_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
CH4_IDLEX	0	0.064046337	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.006503011**
CH4_RUNEX	0	0.011243752	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.011243752**
CH4_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
CO_IDLEX	0	13.6071441	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**1.381615487**
CO_RUNEX	0	0.717793197	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.717793197**
CO_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
CO2_NBIO_IDLEX	0	3098.208498	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**314.5798129**
CO2_NBIO_RUNEX	0	1285.726894	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**1285.726894**
CO2_NBIO_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
NOX_IDLEX	0	23.21631053	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**2.357292167**
NOX_RUNEX	0	3.700959827	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**3.700959827**
NOX_STREX	0	1.558666014	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**1.558666014**
PM10_IDLEX	0	0.08085075	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.008209265**
PM10_PMBW	0	0.130340037	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.012000003**
PM10_RUNEX	0	0.09692033	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.09692033**
PM10_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
PM25_IDLEX	0	0.077353183	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.007854136**
PM25_PMBW	0	0.055860016	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.003000001**
PM25_RUNEX	0	0.092727599	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.092727599**
PM25_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
ROG_DIURN	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
ROG_HTSK	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
ROG_IDLEX	0	1.378900077	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.140008049**
ROG_RESTL	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
ROG_RUNEX	0	0.2420749	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.2420749**
ROG_RUNLS	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
ROG_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
SO2_IDLEX	0	0.029270338	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.002971994**
SO2_RUNEX	0	0.01214691	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.01214691**
SO2_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
TOG_DIURN	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
TOG_HTSK	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
TOG_IDLEX	0	1.569772774	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.159388507**
TOG_RESTL	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
TOG_RUNEX	0	0.275583847	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.275583847**
TOG_RUNLS	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
TOG_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**

CH4_IDLEX	0	0.063925732	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.006490765**
CH4_RUNEX	0	0.011243752	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.011243752**
CH4_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
CO_IDLEX	0	16.35182034	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**1.660299036**
CO_RUNEX	0	0.717793197	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.717793197**
CO_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
CO2_NBIO_IDLEX	0	3033.852831	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**308.0453934**
CO2_NBIO_RUNEX	0	1285.726894	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**1285.726894**
CO2_NBIO_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
NOX_IDLEX	0	23.1859792	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**2.354212443**
NOX_RUNEX	0	3.900968651	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**3.900968651**
NOX_STREX	0	1.558666014	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**1.558666014**
PM10_IDLEX	0	0.116183767	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.011796839**
PM10_PMBW	0	0.130340037	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.012000003**
PM10_RUNEX	0	0.09692033	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.09692033**
PM10_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
PM25_IDLEX	0	0.111157709	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.011286513**
PM25_PMBW	0	0.055860016	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.003000001**
PM25_RUNEX	0	0.092727599	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.092727599**
PM25_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
ROG_DIURN	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
ROG_HTSK	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
ROG_IDLEX	0	1.376303475	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.139744401**
ROG_RESTL	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
ROG_RUNEX	0	0.2420749	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.2420749**
ROG_RUNLS	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
ROG_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
SO2_IDLEX	0	0.028662337	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.00291026**
SO2_RUNEX	0	0.01214691	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.01214691**
SO2_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
TOG_DIURN	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
TOG_HTSK	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
TOG_IDLEX	0	1.566816741	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.159088363**
TOG_RESTL	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
TOG_RUNEX	0	0.275583847	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0.275583847**
TOG_RUNLS	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**
TOG_STREX	0	0	0	0	124.5245472	0	0	9360.043981	0	0	1226.4074	0	**0**

UBUS CalEEMod Emission Rate Worksheet

Vehicle Class: UBUS

Pollutant	Emission Rates				Population				VMT				Trips				CalEEMod Emission
	Gas	DSL	ELEC	NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	Rate
CH4_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
CH4_RUNEX	0	0.161494389	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.161494389**
CH4_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
CO_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
CO_RUNEX	0	0.265314536	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.265314536**
CO_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
CO2_NBIO_RUNEX	0	1690.645799	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**1690.645799**
CO2_NBIO_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
NOX_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
NOX_RUNEX	0	2.366730285	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**2.366730285**
NOX_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
PM10_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
PM10_PMBW	0	0.076207364	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.076207364**
PM10_PMTW	0	0.030938567	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.030938567**
PM10_RUNEX	0	0.00702599	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.00702599**
PM10_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
PM25_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
PM25_PMBW	0	0.032660299	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.032660299**
PM25_PMTW	0	0.007734642	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.007734642**
PM25_RUNEX	0	0.006722049	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.006722049**
PM25_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
ROG_DIURN	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
ROG_HTSK	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
ROG_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
ROG_RESTL	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
ROG_RUNEX	0	0.002307436	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.002307436**
ROG_RUNLS	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
ROG_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
SO2_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
SO2_RUNEX	0	0.015982683	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.015982683**
SO2_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
TOG_DIURN	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
TOG_HTSK	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
TOG_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
TOG_RESTL	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
TOG_RUNEX	0	0.16481687	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.16481687**
TOG_RUNLS	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
TOG_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
CH4_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
CH4_RUNEX	0	0.161494389	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.161494389**
CH4_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
CO_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
CO_RUNEX	0	0.265314536	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.265314536**
CO_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
CO2_NBIO_RUNEX	0	1690.645799	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**1690.645799**
CO2_NBIO_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
NOX_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
NOX_RUNEX	0	2.366730285	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**2.366730285**
NOX_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
PM10_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
PM10_PMBW	0	0.076207364	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.076207364**
PM10_PMTW	0	0.030938567	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.030938567**
PM10_RUNEX	0	0.00702599	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.00702599**
PM10_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
PM25_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
PM25_PMBW	0	0.032660299	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.032660299**
PM25_PMTW	0	0.007734642	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.007734642**
PM25_RUNEX	0	0.006722049	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.006722049**
PM25_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
ROG_DIURN	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
ROG_HTSK	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
ROG_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
ROG_RESTL	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
ROG_RUNEX	0	0.002307436	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.002307436**
ROG_RUNLS	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
ROG_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
SO2_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
SO2_RUNEX	0	0.015982683	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.015982683**
SO2_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
TOG_DIURN	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
TOG_HTSK	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
TOG_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
TOG_RESTL	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
TOG_RUNEX	0	0.16481687	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.16481687**
TOG_RUNLS	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
TOG_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**

CH4_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
CH4_RUNEX	0	0.161494389	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.161494389**
CH4_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
CO_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
CO_RUNEX	0	0.265314536	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.265314536**
CO_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
CO2_NBIO_RUNEX	0	1690.645799	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**1690.645799**
CO2_NBIO_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
NOX_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
NOX_RUNEX	0	2.366730285	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**2.366730285**
NOX_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
PM10_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
PM10_PMBW	0	0.076207364	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.076207364**
PM10_PMTW	0	0.030938567	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.030938567**
PM10_RUNEX	0	0.00702599	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.00702599**
PM10_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
PM25_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
PM25_PMBW	0	0.032660299	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.032660299**
PM25_PMTW	0	0.007734642	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.007734642**
PM25_RUNEX	0	0.006722049	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.006722049**
PM25_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
ROG_DIURN	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
ROG_HTSK	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
ROG_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
ROG_RESTL	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
ROG_RUNEX	0	0.002307436	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.002307436**
ROG_RUNLS	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
ROG_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
SO2_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
SO2_RUNEX	0	0.015982683	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.015982683**
SO2_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
TOG_DIURN	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
TOG_HTSK	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
TOG_IDLEX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
TOG_RESTL	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
TOG_RUNEX	0	0.16481687	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0.16481687**
TOG_RUNLS	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**
TOG_STREX	0	0	0	0	0	205.757081	0	0	0	20713.56623	0	0	0	823.0283242	0	0	**0**

MCY CalEEMod Emission Rate Worksheet

Vehicle Class: MCY

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	MCY Gas	MCY DSL	MCY NG	MCY Gas	MCY DSL	MCY NG	MCY Gas	MCY DSL	MCY NG	Rate
CH4_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**

CH4_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**

SBUS CalEEMod Emission Rate Worksheet

Vehicle Class: SBUS

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	SBUS Gas	SBUS DSL	SBUS NG	SBUS Gas	SBUS DSL	SBUS NG	SBUS Gas	SBUS DSL	SBUS NG	**Rate**
CH4_IDLEX	0	0.012730496	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.001103176**
CH4_RUNEX	0	0.002578142	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.002578142**
CH4_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
CO_IDLEX	0	8.257938682	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.715601204**
CO_RUNEX	0	0.179265314	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.179265314**
CO_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
CO2_NBIO_IDLEX	0	3518.002898	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**304.8566001**
CO2_NBIO_RUNEX	0	1060.655941	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**1060.655941**
CO2_NBIO_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
NOX_IDLEX	0	30.1800886	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**2.615290398**
NOX_RUNEX	0	3.751403255	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**3.751403255**
NOX_STREX	0	1.38023972	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**1.38023972**
PM10_IDLEX	0	0.024644977	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.002135639**
PM10_PMBW	0	0.744800213	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.744800213**
PM10_PMTW	0	0.012000003	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.012000003**
PM10_RUNEX	0	0.022203122	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.022203122**
PM10_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
PM25_IDLEX	0	0.023578846	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.002043252**
PM25_PMBW	0	0.319200091	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.319200091**
PM25_PMTW	0	0.003000001	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.003000001**
PM25_RUNEX	0	0.021242625	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.021242625**
PM25_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
ROG_DIURN	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
ROG_HTSK	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
ROG_IDLEX	0	0.274084082	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.023751072**
ROG_RESTL	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
ROG_RUNEX	0	0.055506684	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.055506684**
ROG_RUNLS	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
ROG_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
SO2_IDLEX	0	0.033236347	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.002880134**
SO2_RUNEX	0	0.010020551	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.010020551**
SO2_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
TOG_DIURN	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
TOG_HTSK	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
TOG_IDLEX	0	0.312023864	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.027038788**
TOG_RESTL	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
TOG_RUNEX	0	0.063190135	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.063190135**
TOG_RUNLS	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
TOG_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
CH4_IDLEX	0	0.012962773	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.001123304**
CH4_RUNEX	0	0.002578142	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.002578142**
CH4_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
CO_IDLEX	0	7.90296131	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.68484023**
CO_RUNEX	0	0.179265314	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.179265314**
CO_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
CO2_NBIO_IDLEX	0	3568.629345	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**309.2436933**
CO2_NBIO_RUNEX	0	1060.655941	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**1060.655941**
CO2_NBIO_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
NOX_IDLEX	0	30.38335327	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**2.632904533**
NOX_RUNEX	0	3.606782496	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**3.606782496**
NOX_STREX	0	1.38023972	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**1.38023972**
PM10_IDLEX	0	0.020911785	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.001812135**
PM10_PMBW	0	0.744800213	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.744800213**
PM10_PMTW	0	0.012000003	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.012000003**
PM10_RUNEX	0	0.022203122	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.022203122**
PM10_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
PM25_IDLEX	0	0.020007151	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.001733743**
PM25_PMBW	0	0.319200091	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.319200091**
PM25_PMTW	0	0.003000001	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.003000001**
PM25_RUNEX	0	0.021242625	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.021242625**
PM25_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
ROG_DIURN	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
ROG_HTSK	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
ROG_IDLEX	0	0.279084946	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.024184428**
ROG_RESTL	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
ROG_RUNEX	0	0.055506684	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.055506684**
ROG_RUNLS	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
ROG_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
SO2_IDLEX	0	0.033714641	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.002921581**
SO2_RUNEX	0	0.010020551	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.010020551**
SO2_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
TOG_DIURN	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
TOG_HTSK	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
TOG_IDLEX	0	0.317716967	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.02753213**
TOG_RESTL	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
TOG_RUNEX	0	0.063190135	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.063190135**
TOG_RUNLS	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
TOG_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**

CH4_IDLEX	0	0.012409732	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.00107538**
CH4_RUNEX	0	0.002578142	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.002578142**
CH4_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
CO_IDLEX	0	8.748145529	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.758080644**
CO_RUNEX	0	0.179265314	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.179265314**
CO_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
CO2_NBIO_IDLEX	0	3448.090186	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**298.7982333**
CO2_NBIO_RUNEX	0	1060.655941	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**1060.655941**
CO2_NBIO_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
NOX_IDLEX	0	29.89938976	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**2.590966117**
NOX_RUNEX	0	3.811180299	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**3.811180299**
NOX_STREX	0	1.38023972	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**1.38023972**
PM10_IDLEX	0	0.029800336	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.002582383**
PM10_PMBW	0	0.744800213	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.744800213**
PM10_PMTW	0	0.012000003	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.012000003**
PM10_RUNEX	0	0.022203122	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.022203122**
PM10_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
PM25_IDLEX	0	0.028511187	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.00247067**
PM25_PMBW	0	0.319200091	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.319200091**
PM25_PMTW	0	0.003000001	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.003000001**
PM25_RUNEX	0	0.021242625	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.021242625**
PM25_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
ROG_DIURN	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
ROG_HTSK	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
ROG_IDLEX	0	0.267178128	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.023152629**
ROG_RESTL	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
ROG_RUNEX	0	0.055506684	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.055506684**
ROG_RUNLS	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
ROG_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
SO2_IDLEX	0	0.032575846	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.002822898**
SO2_RUNEX	0	0.010020551	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.010020551**
SO2_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
TOG_DIURN	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
TOG_HTSK	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
TOG_IDLEX	0	0.30416196	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.026357506**
TOG_RESTL	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
TOG_RUNEX	0	0.063190135	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0.063190135**
TOG_RUNLS	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**
TOG_STREX	0	0	0	0	750.0212904	0	0	24677.61545	0	0	8655.141704	0	**0**

MH CalEEMod Emission Rate Worksheet

Vehicle Class: MH

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	MH Gas	MH DSL	MH NG	MH Gas	MH DSL	MH NG	MH Gas	MH DSL	MH NG	**Rate**
CH4_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
CH4_RUNEX	0.00565475	0.00565475	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.00565475**
CH4_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
CO_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
CO_RUNEX	0.446590526	0.446590526	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.446590526**
CO_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
CO2_NBIO_RUNEX	1042.53066	1042.53066	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**1042.53066**
CO2_NBIO_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
NOX_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
NOX_RUNEX	4.797686458	4.797686458	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**4.797686458**
NOX_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
PM10_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.016000005**
PM10_RUNEX	0.11963688	0.11963688	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.11963688**
PM10_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
PM25_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.004000001**
PM25_RUNEX	0.114461441	0.114461441	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.114461441**
PM25_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
ROG_DIURN	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
ROG_HTSK	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
ROG_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
ROG_RESTL	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
ROG_RUNEX	0.121743428	0.121743428	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.121743428**
ROG_RUNLS	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
ROG_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
SO2_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
SO2_RUNEX	0.009855664	0.009855664	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.009855664**
SO2_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
TOG_DIURN	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
TOG_HTSK	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
TOG_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
TOG_RESTL	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
TOG_RUNEX	0.138596799	0.138596799	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.138596799**
TOG_RUNLS	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
TOG_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
CH4_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
CH4_RUNEX	0.00565475	0.00565475	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.00565475**
CH4_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
CO_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
CO_RUNEX	0.446590526	0.446590526	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.446590526**
CO_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
CO2_NBIO_RUNEX	1042.53066	1042.53066	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**1042.53066**
CO2_NBIO_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
NOX_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
NOX_RUNEX	4.618465803	4.618465803	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**4.618465803**
NOX_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
PM10_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.016000005**
PM10_RUNEX	0.11963688	0.11963688	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.11963688**
PM10_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
PM25_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.004000001**
PM25_RUNEX	0.114461441	0.114461441	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.114461441**
PM25_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
ROG_DIURN	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
ROG_HTSK	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
ROG_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
ROG_RESTL	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
ROG_RUNEX	0.121743428	0.121743428	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.121743428**
ROG_RUNLS	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
ROG_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
SO2_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
SO2_RUNEX	0.009855664	0.009855664	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.009855664**
SO2_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
TOG_DIURN	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
TOG_HTSK	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
TOG_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
TOG_RESTL	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
TOG_RUNEX	0.138596799	0.138596799	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.138596799**
TOG_RUNLS	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
TOG_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**

CH4_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
CH4_RUNEX	0.00565475	0.00565475	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.00565475**
CH4_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
CO_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
CO_RUNEX	0.446590526	0.446590526	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.446590526**
CO_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
CO2_NBIO_RUNEX	1042.53066	1042.53066	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**1042.53066**
CO2_NBIO_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
NOX_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
NOX_RUNEX	4.871013675	4.871013675	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**4.871013675**
NOX_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
PM10_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.016000005**
PM10_RUNEX	0.11963688	0.11963688	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.11963688**
PM10_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
PM25_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.004000001**
PM25_RUNEX	0.114461441	0.114461441	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.114461441**
PM25_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
ROG_DIURN	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
ROG_HTSK	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
ROG_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
ROG_RESTL	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
ROG_RUNEX	0.121743428	0.121743428	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.121743428**
ROG_RUNLS	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
ROG_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
SO2_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
SO2_RUNEX	0.009855664	0.009855664	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.009855664**
SO2_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
TOG_DIURN	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
TOG_HTSK	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
TOG_IDLEX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
TOG_RESTL	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
TOG_RUNEX	0.138596799	0.138596799	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0.138596799**
TOG_RUNLS	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**
TOG_STREX	0	0	0	0	766.011716	0	0	7144.101476	0	0	76.6011716	0	**0**

EMFAC2017 Derived CalEEMod Annual Emission Rates: Scenario 4 Year 2023[1,2] - Trucks

Season	Pollutant	LDA	LDT1	LDT2	MDV	LHDT1	LHDT2	MHDT	HHDT	OBUS	UBUS	MCY	SBUS	MH
Annual	CH4_IDLEX	0	0	0	0	0.0004053	0.000405297	0.000435423	0.020110922	0.0043051	0	0	0.0010928	0
Annual	CH4_RUNEX	0.0005725	0.0081805	0.0006145	0.0004806	0.0078795	0.007196143	0.000572889	0.001117985	0.0006177	0.1505297	0	0.0022262	0.0054095
Annual	CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	CO_IDLEX	0	0	0	0	0.072324	0.072324011	0.31126655	6.310997185	1.4789405	0	0	0.7652172	0
Annual	CO_RUNEX	0.1957606	1.1718891	0.1231548	0.1884991	0.7583015	0.693152736	0.116447819	0.234644381	0.145606	0.2488445	0	0.1659862	0.4204376
Annual	CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	CO2_NBIO_IDLEX	0	0	0	0	10.694173	17.06316367	106.6976652	1057.884182	281.18263	0	0	295.80662	0
Annual	CO2_NBIO_RUNEX	202.39894	420.5154	276.9883	364.87789	550.02466	613.7225486	1020.459088	1405.952498	1214.5122	1673.5112	0	1025.8361	1022.72
Annual	CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	NOX_IDLEX	0	0	0	0	0.168511	0.163872332	0.734650387	5.397047817	1.2781001	0	0	2.3746615	0
Annual	NOX_RUNEX	0.0650907	1.0758461	0.035281	0.0434285	1.9640127	1.463486291	1.659081127	2.675843754	1.8810785	2.1369371	0	3.2338847	4.4700562
Annual	NOX_STREX[3]	0	0	0	0	0	0	2.128707285	2.390917071	2.2101879	0	0	1.5234056	0
Annual	PM10_IDLEX	0	0	0	0	0.0022035	0.002209205	0.000749551	0.002681953	0.0004349	0	0	0.0017212	0
Annual	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060810527	0.13034	0.0755456	0	0.7448002	0.13034
Annual	PM10_PMTW	0.008	0.008	0.008	0.008	0.012	0.012000003	0.012000003	0.035458033	0.012	0.0311701	0	0.012	0.016
Annual	PM10_RUNEX	0.0061358	0.1304154	0.0045008	0.0045922	0.0258544	0.024384318	0.008161945	0.024932466	0.0122748	0.0067941	0	0.0192771	0.106954
Annual	PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	PM25_IDLEX	0	0	0	0	0.0021082	0.002113635	0.000717125	0.002565933	0.0004161	0	0	0.0016467	0
Annual	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.026061654	0.05586	0.0323767	0	0.3192001	0.05586
Annual	PM25_PMTW	0.002	0.002	0.002	0.002	0.003	0.003000001	0.003000001	0.008864508	0.003	0.0077925	0	0.003	0.004
Annual	PM25_RUNEX	0.0058704	0.1247737	0.0043061	0.0043936	0.024736	0.023329464	0.007808863	0.023853898	0.0117438	0.0065002	0	0.0184432	0.1023273
Annual	PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	ROG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	ROG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	ROG_IDLEX	0	0	0	0	0.0087258	0.008725809	0.00937454	0.432982646	0.0926871	0	0	0.0235287	0
Annual	ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	ROG_RUNEX	0.0123251	0.1761213	0.0132296	0.0103477	0.1696412	0.154928726	0.012334133	0.024069917	0.0132984	0.0021508	0	0.0479284	0.1164629
Annual	ROG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	SO2_IDLEX	0	0	0	0	0.0001011	0.000161308	0.001008027	0.009994365	0.0026565	0	0	0.0027946	0
Annual	SO2_RUNEX	0.0019134	0.0039754	0.0026185	0.0034494	0.0051997	0.005801885	0.009640791	0.013282742	0.0114741	0.0158207	0	0.0096916	0.0096684
Annual	SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	TOG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	TOG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	TOG_IDLEX	0	0	0	0	0.0099338	0.009933754	0.0106722	0.492917783	0.1055172	0	0	0.0267857	0
Annual	TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	TOG_RUNEX	0.0140314	0.2005024	0.015061	0.0117801	0.1931252	0.176376054	0.014041471	0.027401769	0.0151392	0.1536266	0	0.0545629	0.1325853
Annual	TOG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	CH4_IDLEX	0	0	0	0	0.0004053	0.000405297	0.000449193	0.021268505	0.0045632	0	0	0.0011225	0
Summer	CH4_RUNEX	0.0005725	0.0081805	0.0006145	0.0004806	0.0078795	0.007196143	0.000572889	0.001117985	0.0006177	0.1505297	0	0.0022262	0.0054095
Summer	CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	CO_IDLEX	0	0	0	0	0.072324	0.072324011	0.302329351	6.221220698	1.4597004	0	0	0.7378666	0

Summer	CO_RUNEX	0.1957606	1.1718891	0.1231548	0.1884991	0.7583015	0.693152736	0.116447819	0.234644381	0.145606	0.2488445	0	0.1659862	0.4204376
Summer	CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	CO2_NBIO_IDLEX	0	0	0	0	10.694173	17.06316367	106.7160847	1045.984678	277.39966	0	0	298.67564	0
Summer	CO2_NBIO_RUNEX	202.39894	420.5154	276.9883	364.87789	550.02466	613.7225486	1020.459088	1405.952498	1214.5122	1673.5112	0	1025.8361	1022.72
Summer	CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	NOX_IDLEX	0	0	0	0	0.168511	0.163872332	0.725936797	5.160417992	1.214112	0	0	2.3759421	0
Summer	NOX_RUNEX	0.0626088	1.0348654	0.0339337	0.0417716	1.8951794	1.412411599	1.597019895	2.57915047	1.8118053	2.1369371	0	3.1092035	4.3030069
Summer	NOX_STREX[3]	0	0	0	0	0	0	2.128707285	2.390917071	2.2101879	0	0	1.5234056	0
Summer	PM10_IDLEX	0	0	0	0	0.0022035	0.002209205	0.000636782	0.002343975	0.0003864	0	0	0.0014634	0
Summer	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060810527	0.13034	0.0755456	0	0.7448002	0.13034
Summer	PM10_PMTW	0.008	0.008	0.008	0.008	0.012	0.012000003	0.012000003	0.035458033	0.012	0.0311701	0	0.012	0.016
Summer	PM10_RUNEX	0.0061358	0.1304154	0.0045008	0.0045922	0.0258544	0.024384318	0.008161945	0.024932466	0.0122748	0.0067941	0	0.0192771	0.106954
Summer	PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	PM25_IDLEX	0	0	0	0	0.0021082	0.002113635	0.000609236	0.002242576	0.0003697	0	0	0.0014001	0
Summer	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.026061654	0.05586	0.0323767	0	0.3192001	0.05586
Summer	PM25_PMTW	0.002	0.002	0.002	0.002	0.003	0.003000001	0.003000001	0.008864508	0.003	0.0077925	0	0.003	0.004
Summer	PM25_RUNEX	0.0058704	0.1247737	0.0043061	0.0043936	0.024736	0.023329464	0.007808863	0.023853898	0.0117438	0.0065002	0	0.0184432	0.1023273
Summer	PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	ROG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	ROG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	ROG_IDLEX	0	0	0	0	0.0087258	0.008725809	0.009670997	0.457905071	0.098245	0	0	0.0241677	0
Summer	ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	ROG_RUNEX	0.0123251	0.1761213	0.0132296	0.0103477	0.1696412	0.154928726	0.012334133	0.024069917	0.0132984	0.0021508	0	0.0479284	0.1164629
Summer	ROG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	SO2_IDLEX	0	0	0	0	0.0001011	0.000161308	0.001008201	0.009881945	0.0026207	0	0	0.0028217	0
Summer	SO2_RUNEX	0.0019134	0.0039754	0.0026185	0.0034494	0.0051997	0.005801885	0.009640791	0.013282742	0.0114741	0.0158207	0	0.0096916	0.0096684
Summer	SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	TOG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	TOG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	TOG_IDLEX	0	0	0	0	0.0099338	0.009933754	0.011009694	0.521290067	0.1118445	0	0	0.0275131	0
Summer	TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	TOG_RUNEX	0.0140314	0.2005024	0.015061	0.0117801	0.1931252	0.176376054	0.014041471	0.027401769	0.0151392	0.1536266	0	0.0545629	0.1325853
Summer	TOG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0

Winter	CH4_IDLEX	0	0	0	0	0.0004053	0.000405297	0.000416408	0.018512357	0.0039486	0	0	0.0010519	0
Winter	CH4_RUNEX	0.0005725	0.0081805	0.0006145	0.0004806	0.0078795	0.007196143	0.000572889	0.001117985	0.0006177	0.1505297	0	0.0022262	0.0054095
Winter	CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	CO_IDLEX	0	0	0	0	0.072324	0.072324011	0.323608396	6.434974238	1.5055103	0	0	0.802987	0
Winter	CO_RUNEX	0.1957606	1.1718891	0.1231548	0.1884991	0.7583015	0.693152736	0.116447819	0.234644381	0.145606	0.2488445	0	0.1659862	0.4204376
Winter	CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	CO2_NBIO_IDLEX	0	0	0	0	10.694173	17.06316367	106.6722288	1074.316829	286.40673	0	0	291.84464	0
Winter	CO2_NBIO_RUNEX	202.39894	420.5154	276.9883	364.87789	550.02466	613.7225486	1020.459088	1405.952498	1214.5122	1673.5112	0	1025.8361	1022.72
Winter	CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	NOX_IDLEX	0	0	0	0	0.168511	0.163872332	0.746683441	5.723822338	1.3664646	0	0	2.3728929	0
Winter	NOX_RUNEX	0.0660441	1.0915536	0.0358002	0.0440658	1.9924446	1.484571306	1.68452998	2.717356657	1.9098001	2.1369371	0	3.2854727	4.5384066
Winter	NOX_STREX[3]	0	0	0	0	0	0	2.128707285	2.390917071	2.2101879	0	0	1.5234056	0
Winter	PM10_IDLEX	0	0	0	0	0.0022035	0.002209205	0.000905278	0.003148684	0.0005018	0	0	0.0020771	0
Winter	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060810527	0.13034	0.0755456	0	0.7448002	0.13034
Winter	PM10_PMTW	0.008	0.008	0.008	0.008	0.012	0.012000003	0.012000003	0.035458033	0.012	0.0311701	0	0.012	0.016
Winter	PM10_RUNEX	0.0061358	0.1304154	0.0045008	0.0045922	0.0258544	0.024384318	0.008161945	0.024932466	0.0122748	0.0067941	0	0.0192771	0.106954
Winter	PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	PM25_IDLEX	0	0	0	0	0.0021082	0.002113635	0.000866116	0.003012474	0.0004801	0	0	0.0019873	0
Winter	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.026061654	0.05586	0.0323767	0	0.3192001	0.05586
Winter	PM25_PMTW	0.002	0.002	0.002	0.002	0.003	0.003000001	0.003000001	0.008864508	0.003	0.0077925	0	0.003	0.004
Winter	PM25_RUNEX	0.0058704	0.1247737	0.0043061	0.0043936	0.024736	0.023329464	0.007808863	0.023853898	0.0117438	0.0065002	0	0.0184432	0.1023273
Winter	PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	ROG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	ROG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	ROG_IDLEX	0	0	0	0	0.0087258	0.008725809	0.008965146	0.398565964	0.0850119	0	0	0.0226464	0
Winter	ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	ROG_RUNEX	0.0123251	0.1761213	0.0132296	0.0103477	0.1696412	0.154928726	0.012334133	0.024069917	0.0132984	0.0021508	0	0.0479284	0.1164629
Winter	ROG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	SO2_IDLEX	0	0	0	0	0.0001011	0.000161308	0.001007786	0.010149613	0.0027058	0	0	0.0027572	0
Winter	SO2_RUNEX	0.0019134	0.0039754	0.0026185	0.0034494	0.0051997	0.005801885	0.009640791	0.013282742	0.0114741	0.0158207	0	0.0096916	0.0096684
Winter	SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	TOG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	TOG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	TOG_IDLEX	0	0	0	0	0.0099338	0.009933754	0.010206137	0.45373701	0.0967796	0	0	0.0257812	0
Winter	TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	TOG_RUNEX	0.0140314	0.2005024	0.015061	0.0117801	0.1931252	0.176376054	0.014041471	0.027401769	0.0151392	0.1536266	0	0.0545629	0.1325853
Winter	TOG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0

1 Source: California Air Resources Board. EMFAC2017 Web Database. https://www.arb.ca.gov/emfac/2017/; California Air Pollution Control Officers Association (CAPCOA). 2017, November. California Emissions Estimator Model User's Guide, Version 2016.3.2, Appendix A.

2 Unless otherwise noted, per CalEEMod methodology, the calculated CalEEMod emission rates are derived from the emission rates obtained using the EMFAC2017 Web Database for the Contra Costa (SF) region .

3 Because EMFAC2017 provides vehicle trips data for MHDT and HHDT diesel trucks, the formula provided in Appendix A of the CalEEMod User's Guide in calculating the NO_X STREX emission rates are utilized.

Off-Model SAFE Rule Adjustment Factors for Gasoline Light Duty Vehicle (LDA, LDT1, LDT2, MDV) Emissions in EMFAC2017

Year	NOx Exh	TOG Evap	TOG Exh	PM Exh	CO Exh	CO2 Exh
2021	1.0002	1.0001	1.0002	1.0009	1.0005	1.0023
2022	1.0004	1.0003	1.0004	1.0018	1.0014	1.0065
2023	1.0007	1.0006	1.0007	1.0032	1.0027	1.0126
2024	1.0012	1.001	1.0011	1.0051	1.0044	1.0207
2025	1.0018	1.0016	1.0016	1.0074	1.0065	1.0309
2026	1.0023	1.0022	1.002	1.0091	1.0083	1.0394
2027	1.0028	1.0028	1.0024	1.0105	1.0102	1.0475
2028	1.0034	1.0035	1.0028	1.0117	1.012	1.0554
2029	1.004	1.0042	1.0032	1.0129	1.0138	1.0629
2030	1.0047	1.0051	1.0037	1.0142	1.0156	1.0702
2031	1.0054	1.0061	1.0042	1.0155	1.0173	1.077
2032	1.0061	1.0072	1.0047	1.0169	1.0189	1.0834
2033	1.0068	1.0083	1.0052	1.0182	1.0204	1.0893
2034	1.0075	1.0095	1.0058	1.0196	1.0218	1.0947
2035	1.0081	1.0108	1.0063	1.021	1.0232	1.0997
2036	1.0088	1.0121	1.0069	1.0223	1.0244	1.1041
2037	1.0094	1.0134	1.0074	1.0236	1.0255	1.108
2038	1.0099	1.0148	1.0079	1.0248	1.0265	1.1114
2039	1.0104	1.0161	1.0085	1.0259	1.0274	1.1143
2040	1.0109	1.0174	1.009	1.027	1.0281	1.1168
2041	1.0113	1.0186	1.0095	1.0279	1.0288	1.1189
2042	1.0116	1.0198	1.0099	1.0286	1.0294	1.1207
2043	1.0119	1.0207	1.0103	1.0293	1.0299	1.1221
2044	1.0122	1.0216	1.0106	1.0299	1.0303	1.1233
2045	1.0124	1.0225	1.0109	1.0303	1.0306	1.1243
2046	1.0125	1.0233	1.0111	1.0308	1.0309	1.1251
2047	1.0127	1.024	1.0113	1.0311	1.0311	1.1258
2048	1.0128	1.0246	1.0115	1.0314	1.0313	1.1263
2049	1.0128	1.0252	1.0116	1.0316	1.0315	1.1268
2050	1.0129	1.0257	1.0117	1.0318	1.0316	1.1272

Sources: California Air Resources Board. 2019, November 20. EMFAC Off-Model Adjustment Factors to Account for the SAFE Vehicles Rule Part One and the Final Safe Rule. hhttps://ww3.arb.ca.gov/msei/emfac_off_model_adjustment_factors_final_draft.pdf; California Air Resources Board. 2020, June 26. EMFAC Off-Model Adjustment Factors for Carbon Dioxide (CO2) Emissions to Account for the SAFE Vehicles Rule Part One and the Final Safe Rule. https://ww3.arb.ca.gov/msei/emfac_off_model_co2_adjustment_factors_06262020-final.pdf.

LDA CalEEMod Emission Rate Worksheet

Vehicle Class: LDA

Pollutant	Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	LDA Gas	LDA DSL	LDA Elec	LDA Gas	LDA DSL	LDA Elec	LDA Gas	LDA DSL	LDA Elec	
CH4_IDLEX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
CH4_RUNEX		0	0.000572479	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.000572479**
CH4_STREX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
CO_IDLEX	1.0027	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
CO_RUNEX	1.0027	0	0.19576055	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.19576055**
CO_STREX	1.0027	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
CO2_NBIO_IDLEX	1.0126	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
CO2_NBIO_RUNEX	1.0126	0	202.3989435	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**202.3989435**
CO2_NBIO_STREX	1.0126	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
NOX_IDLEX	1.0007	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
NOX_RUNEX	1.0007	0	0.06509074	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.06509074**
NOX_STREX	1.0007	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
PM10_IDLEX	1.0032	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
PM10_PMBW		0	0.036750011	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.008000002**
PM10_RUNEX	1.0032	0	0.006135806	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.006135806**
PM10_STREX	1.0032	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
PM25_IDLEX	1.0032	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
PM25_PMBW		0	0.015750005	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.002000001**
PM25_RUNEX	1.0032	0	0.005870374	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.005870374**
PM25_STREX	1.0032	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
ROG_DIURN		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
ROG_HTSK		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
ROG_IDLEX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
ROG_RESTL		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
ROG_RUNEX		0	0.012325138	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.012325138**
ROG_RUNLS		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
ROG_STREX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
SO2_IDLEX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
SO2_RUNEX		0	0.001913398	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.001913398**
SO2_STREX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
TOG_DIURN	1.0006	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
TOG_HTSK	1.0006	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
TOG_IDLEX	1.0007	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
TOG_RESTL	1.0006	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
TOG_RUNEX	1.0007	0	0.01403135	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.01403135**
TOG_RUNLS	1.0006	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
TOG_STREX	1.0007	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
CH4_IDLEX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
CH4_RUNEX		0	0.000572479	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.000572479**
CH4_STREX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
CO_IDLEX	1.0027	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
CO_RUNEX	1.0027	0	0.19576055	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.19576055**
CO_STREX	1.0027	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
CO2_NBIO_IDLEX	1.0126	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
CO2_NBIO_RUNEX	1.0126	0	202.3989435	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**202.3989435**
CO2_NBIO_STREX	1.0126	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
NOX_IDLEX	1.0007	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
NOX_RUNEX	1.0007	0	0.062608765	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.062608765**
NOX_STREX	1.0007	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
PM10_IDLEX	1.0032	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
PM10_PMBW		0	0.036750011	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.008000002**
PM10_RUNEX	1.0032	0	0.006135806	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.006135806**
PM10_STREX	1.0032	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
PM25_IDLEX	1.0032	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
PM25_PMBW		0	0.015750005	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.002000001**
PM25_RUNEX	1.0032	0	0.005870374	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.005870374**
PM25_STREX	1.0032	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
ROG_DIURN		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
ROG_HTSK		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
ROG_IDLEX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
ROG_RESTL		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
ROG_RUNEX		0	0.012325138	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.012325138**
ROG_RUNLS		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
ROG_STREX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
SO2_IDLEX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
SO2_RUNEX		0	0.001913398	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.001913398**
SO2_STREX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
TOG_DIURN	1.0006	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
TOG_HTSK	1.0006	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
TOG_IDLEX	1.0007	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
TOG_RESTL	1.0006	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
TOG_RUNEX	1.0007	0	0.01403135	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.01403135**
TOG_RUNLS	1.0006	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
TOG_STREX	1.0007	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**

CH4_IDLEX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
CH4_RUNEX		0	0.000572479	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.000572479**
CH4_STREX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
CO_IDLEX	1.0027	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
CO_RUNEX	1.0027	0	0.19576055	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.19576055**
CO_STREX	1.0027	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
CO2_NBIO_IDLEX	1.0126	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
CO2_NBIO_RUNEX	1.0126	0	202.3989435	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**202.3989435**
CO2_NBIO_STREX	1.0126	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
NOX_IDLEX	1.0007	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
NOX_RUNEX	1.0007	0	0.066044075	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.066044075**
NOX_STREX	1.0007	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
PM10_IDLEX	1.0032	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
PM10_PMBW		0	0.036750011	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.008000002**
PM10_RUNEX	1.0032	0	0.006135806	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.006135806**
PM10_STREX	1.0032	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
PM25_IDLEX	1.0032	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
PM25_PMBW		0	0.015750005	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.002000001**
PM25_RUNEX	1.0032	0	0.005870374	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.005870374**
PM25_STREX	1.0032	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
ROG_DIURN		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
ROG_HTSK		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
ROG_IDLEX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
ROG_RESTL		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
ROG_RUNEX		0	0.012325138	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.012325138**
ROG_RUNLS		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
ROG_STREX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
SO2_IDLEX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
SO2_RUNEX		0	0.001913398	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.001913398**
SO2_STREX		0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
TOG_DIURN	1.0006	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
TOG_HTSK	1.0006	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
TOG_IDLEX	1.0007	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
TOG_RESTL	1.0006	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
TOG_RUNEX	1.0007	0	0.01403135	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0.01403135**
TOG_RUNLS	1.0006	0	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**
TOG_STREX	1.0007	0.00000000	0	0	0	4583.453774	0	0	173065.8983	0	0	21477.7807	0	**0**

LDT1 CalEEMod Emission Rate Worksheet

Vehicle Class: LDT1

Pollutant	Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission
		Gas	DSL	ELEC	LDT1 Gas	LDT1 DSL	LDT1 Elec	LDT1 Gas	LDT1 DSL	LDT1 Elec	LDT1 Gas	LDT1 DSL	LDT1 Elec	Rate
CH4_IDLEX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
CH4_RUNEX		0	0.0081805	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.0081805**
CH4_STREX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
CO_IDLEX	1.0027	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
CO_RUNEX	1.0027	0	1.171889053	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**1.171889053**
CO_STREX	1.0027	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
CO2_NBIO_IDLEX	1.0126	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
CO2_NBIO_RUNEX	1.0126	0	420.5154031	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**420.5154031**
CO2_NBIO_STREX	1.0126	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
NOX_IDLEX	1.0007	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
NOX_RUNEX	1.0007	0	1.075846132	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**1.075846132**
NOX_STREX	1.0007	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
PM10_IDLEX	1.0032	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
PM10_PMBW		0	0.036750011	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.008000002**
PM10_RUNEX	1.0032	0	0.130415415	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.130415415**
PM10_STREX	1.0032	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
PM25_IDLEX	1.0032	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
PM25_PMBW		0	0.015750005	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.002000001**
PM25_RUNEX	1.0032	0	0.124773702	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.124773702**
PM25_STREX	1.0032	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
ROG_DIURN		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
ROG_HTSK		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
ROG_IDLEX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
ROG_RESTL		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
ROG_RUNEX		0	0.17612134	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.17612134**
ROG_RUNLS		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
ROG_STREX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
SO2_IDLEX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
SO2_RUNEX		0	0.003975383	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.003975383**
SO2_STREX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
TOG_DIURN	1.0006	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
TOG_HTSK	1.0006	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
TOG_IDLEX	1.0007	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
TOG_RESTL	1.0006	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
TOG_RUNEX	1.0007	0	0.200502436	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.200502436**
TOG_RUNLS	1.0006	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
TOG_STREX	1.0007	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
CH4_IDLEX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
CH4_RUNEX		0	0.0081805	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.0081805**
CH4_STREX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
CO_IDLEX	1.0027	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
CO_RUNEX	1.0027	0	1.171889053	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**1.171889053**
CO_STREX	1.0027	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
CO2_NBIO_IDLEX	1.0126	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
CO2_NBIO_RUNEX	1.0126	0	420.5154031	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**420.5154031**
CO2_NBIO_STREX	1.0126	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
NOX_IDLEX	1.0007	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
NOX_RUNEX	1.0007	0	1.034865362	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**1.034865362**
NOX_STREX	1.0007	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
PM10_IDLEX	1.0032	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
PM10_PMBW		0	0.036750011	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.008000002**
PM10_RUNEX	1.0032	0	0.130415415	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.130415415**
PM10_STREX	1.0032	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
PM25_IDLEX	1.0032	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
PM25_PMBW		0	0.015750005	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.002000001**
PM25_RUNEX	1.0032	0	0.124773702	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.124773702**
PM25_STREX	1.0032	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
ROG_DIURN		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
ROG_HTSK		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
ROG_IDLEX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
ROG_RESTL		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
ROG_RUNEX		0	0.17612134	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.17612134**
ROG_RUNLS		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
ROG_STREX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
SO2_IDLEX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
SO2_RUNEX		0	0.003975383	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.003975383**
SO2_STREX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
TOG_DIURN	1.0006	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
TOG_HTSK	1.0006	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
TOG_IDLEX	1.0007	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
TOG_RESTL	1.0006	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
TOG_RUNEX	1.0007	0	0.200502436	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.200502436**
TOG_RUNLS	1.0006	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
TOG_STREX	1.0007	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**

CH4_IDLEX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
CH4_RUNEX		0	0.0081805	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.0081805**
CH4_STREX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
CO_IDLEX	1.0027	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
CO_RUNEX	1.0027	0	1.171889053	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**1.171889053**
CO_STREX	1.0027	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
CO2_NBIO_IDLEX	1.0126	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
CO2_NBIO_RUNEX	1.0126	0	420.5154031	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**420.5154031**
CO2_NBIO_STREX	1.0126	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
NOX_IDLEX	1.0007	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
NOX_RUNEX	1.0007	0	1.091553589	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**1.091553589**
NOX_STREX	1.0007	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
PM10_IDLEX	1.0032	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
PM10_PMBW		0	0.036750011	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.008000002**
PM10_RUNEX	1.0032	0	0.130415415	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.130415415**
PM10_STREX	1.0032	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
PM25_IDLEX	1.0032	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
PM25_PMBW		0	0.015750005	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.002000001**
PM25_RUNEX	1.0032	0	0.124773702	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.124773702**
PM25_STREX	1.0032	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
ROG_DIURN		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
ROG_HTSK		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
ROG_IDLEX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
ROG_RESTL		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
ROG_RUNEX		0	0.17612134	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.17612134**
ROG_RUNLS		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
ROG_STREX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
SO2_IDLEX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
SO2_RUNEX		0	0.003975383	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.003975383**
SO2_STREX		0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
TOG_DIURN	1.0006	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
TOG_HTSK	1.0006	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
TOG_IDLEX	1.0007	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
TOG_RESTL	1.0006	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
TOG_RUNEX	1.0007	0	0.200502436	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0.200502436**
TOG_RUNLS	1.0006	0	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**
TOG_STREX	1.0007	0.00000000	0	0	0	23.39798969	0	0	398.9985164	0	0	77.6304591	0	**0**

LDT2 CalEEMod Emission Rate Worksheet

Vehicle Class: LDT2

Pollutant	Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	LDT2 Gas	LDT2 DSL	LDT2 Elec	LDT2 Gas	LDT2 DSL	LDT2 Elec	LDT2 Gas	LDT2 DSL	LDT2 Elec	
CH4_IDLEX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
CH4_RUNEX		0	0.000614489	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.000614489**
CH4_STREX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
CO_IDLEX	1.0027	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
CO_RUNEX	1.0027	0	0.123154778	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.123154778**
CO_STREX	1.0027	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
CO2_NBIO_IDLEX	1.0126	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
CO2_NBIO_RUNEX	1.0126	0	276.9882955	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**276.9882955**
CO2_NBIO_STREX	1.0126	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
NOX_IDLEX	1.0007	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
NOX_RUNEX	1.0007	0	0.035281032	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.035281032**
NOX_STREX	1.0007	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
PM10_IDLEX	1.0032	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
PM10_PMBW		0	0.036750011	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.008000002**
PM10_RUNEX	1.0032	0	0.004500814	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.004500814**
PM10_STREX	1.0032	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
PM25_IDLEX	1.0032	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
PM25_PMBW		0	0.015750005	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.002000001**
PM25_RUNEX	1.0032	0	0.004306111	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.004306111**
PM25_STREX	1.0032	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
ROG_DIURN		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
ROG_HTSK		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
ROG_IDLEX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
ROG_RESTL		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
ROG_RUNEX		0	0.013229584	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.013229584**
ROG_RUNLS		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
ROG_STREX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
SO2_IDLEX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
SO2_RUNEX		0	0.002618536	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.002618536**
SO2_STREX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
TOG_DIURN	1.0006	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
TOG_HTSK	1.0006	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
TOG_IDLEX	1.0007	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
TOG_RESTL	1.0006	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
TOG_RUNEX	1.0007	0	0.015061002	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.015061002**
TOG_RUNLS	1.0006	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
TOG_STREX	1.0007	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
CH4_IDLEX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
CH4_RUNEX		0	0.000614489	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.000614489**
CH4_STREX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
CO_IDLEX	1.0027	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
CO_RUNEX	1.0027	0	0.123154778	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.123154778**
CO_STREX	1.0027	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
CO2_NBIO_IDLEX	1.0126	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
CO2_NBIO_RUNEX	1.0126	0	276.9882955	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**276.9882955**
CO2_NBIO_STREX	1.0126	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
NOX_IDLEX	1.0007	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
NOX_RUNEX	1.0007	0	0.033933697	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.033933697**
NOX_STREX	1.0007	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
PM10_IDLEX	1.0032	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
PM10_PMBW		0	0.036750011	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.008000002**
PM10_RUNEX	1.0032	0	0.004500814	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.004500814**
PM10_STREX	1.0032	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
PM25_IDLEX	1.0032	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
PM25_PMBW		0	0.015750005	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.002000001**
PM25_RUNEX	1.0032	0	0.004306111	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.004306111**
PM25_STREX	1.0032	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
ROG_DIURN		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
ROG_HTSK		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
ROG_IDLEX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
ROG_RESTL		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
ROG_RUNEX		0	0.013229584	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.013229584**
ROG_RUNLS		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
ROG_STREX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
SO2_IDLEX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
SO2_RUNEX		0	0.002618536	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.002618536**
SO2_STREX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
TOG_DIURN	1.0006	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
TOG_HTSK	1.0006	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
TOG_IDLEX	1.0007	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
TOG_RESTL	1.0006	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
TOG_RUNEX	1.0007	0	0.015061002	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.015061002**
TOG_RUNLS	1.0006	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
TOG_STREX	1.0007	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**

CH4_IDLEX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
CH4_RUNEX		0	0.000614489	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.000614489**
CH4_STREX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
CO_IDLEX	1.0027	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
CO_RUNEX	1.0027	0	0.123154778	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.123154778**
CO_STREX	1.0027	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
CO2_NBIO_IDLEX	1.0126	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
CO2_NBIO_RUNEX	1.0126	0	276.9882955	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**276.9882955**
CO2_NBIO_STREX	1.0126	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
NOX_IDLEX	1.0007	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
NOX_RUNEX	1.0007	0	0.035800154	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.035800154**
NOX_STREX	1.0007	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
PM10_IDLEX	1.0032	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
PM10_PMBW		0	0.036750011	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.008000002**
PM10_RUNEX	1.0032	0	0.004500814	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.004500814**
PM10_STREX	1.0032	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
PM25_IDLEX	1.0032	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
PM25_PMBW		0	0.015750005	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.002000001**
PM25_RUNEX	1.0032	0	0.004306111	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.004306111**
PM25_STREX	1.0032	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
ROG_DIURN		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
ROG_HTSK		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
ROG_IDLEX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
ROG_RESTL		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
ROG_RUNEX		0	0.013229584	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.013229584**
ROG_RUNLS		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
ROG_STREX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
SO2_IDLEX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
SO2_RUNEX		0	0.002618536	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.002618536**
SO2_STREX		0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
TOG_DIURN	1.0006	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
TOG_HTSK	1.0006	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
TOG_IDLEX	1.0007	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
TOG_RESTL	1.0006	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
TOG_RUNEX	1.0007	0	0.015061002	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0.015061002**
TOG_RUNLS	1.0006	0	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**
TOG_STREX	1.0007	0.00000000	0	0	0	961.6320956	0	0	40776.24302	0	0	4679.641094	0	**0**

MDV CalEEMod Emission Rate Worksheet

Vehicle Class: MDV

Pollutant	Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission
		Gas	DSL	ELEC	MDV Gas	MDV DSL	MDV Elec	MDV Gas	MDV DSL	MDV Elec	MDV Gas	MDV DSL	MDV Elec	Rate
CH4_IDLEX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
CH4_RUNEX		0	0.00048063	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.00048063**
CH4_STREX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
CO_IDLEX	1.0027	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
CO_RUNEX	1.0027	0	0.188499077	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.188499077**
CO_STREX	1.0027	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
CO2_NBIO_IDLEX	1.0126	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
CO2_NBIO_RUNEX	1.0126	0	364.8778865	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**364.8778865**
CO2_NBIO_STREX	1.0126	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
NOX_IDLEX	1.0007	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
NOX_RUNEX	1.0007	0	0.043428548	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.043428548**
NOX_STREX	1.0007	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
PM10_IDLEX	1.0032	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
PM10_PMBW		0	0.036750011	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.008000002**
PM10_RUNEX	1.0032	0	0.004592228	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.004592228**
PM10_STREX	1.0032	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
PM25_IDLEX	1.0032	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
PM25_PMBW		0	0.015750005	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.002000001**
PM25_RUNEX	1.0032	0	0.00439357	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.00439357**
PM25_STREX	1.0032	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
ROG_DIURN		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
ROG_HTSK		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
ROG_IDLEX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
ROG_RESTL		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
ROG_RUNEX		0	0.010347679	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.010347679**
ROG_RUNLS		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
ROG_STREX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
SO2_IDLEX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
SO2_RUNEX		0	0.003449408	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.003449408**
SO2_STREX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
TOG_DIURN	1.0006	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
TOG_HTSK	1.0006	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
TOG_IDLEX	1.0007	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
TOG_RESTL	1.0006	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
TOG_RUNEX	1.0007	0	0.011780145	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.011780145**
TOG_RUNLS	1.0006	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
TOG_STREX	1.0007	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
CH4_IDLEX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
CH4_RUNEX		0	0.00048063	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.00048063**
CH4_STREX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
CO_IDLEX	1.0027	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
CO_RUNEX	1.0027	0	0.188499077	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.188499077**
CO_STREX	1.0027	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
CO2_NBIO_IDLEX	1.0126	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
CO2_NBIO_RUNEX	1.0126	0	364.8778865	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**364.8778865**
CO2_NBIO_STREX	1.0126	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
NOX_IDLEX	1.0007	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
NOX_RUNEX	1.0007	0	0.041771592	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.041771592**
NOX_STREX	1.0007	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
PM10_IDLEX	1.0032	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
PM10_PMBW		0	0.036750011	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.008000002**
PM10_RUNEX	1.0032	0	0.004592228	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.004592228**
PM10_STREX	1.0032	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
PM25_IDLEX	1.0032	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
PM25_PMBW		0	0.015750005	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.002000001**
PM25_RUNEX	1.0032	0	0.00439357	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.00439357**
PM25_STREX	1.0032	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
ROG_DIURN		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
ROG_HTSK		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
ROG_IDLEX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
ROG_RESTL		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
ROG_RUNEX		0	0.010347679	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.010347679**
ROG_RUNLS		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
ROG_STREX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
SO2_IDLEX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
SO2_RUNEX		0	0.003449408	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.003449408**
SO2_STREX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
TOG_DIURN	1.0006	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
TOG_HTSK	1.0006	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
TOG_IDLEX	1.0007	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
TOG_RESTL	1.0006	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
TOG_RUNEX	1.0007	0	0.011780145	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.011780145**
TOG_RUNLS	1.0006	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
TOG_STREX	1.0007	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**

CH4_IDLEX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
CH4_RUNEX		0	0.00048063	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.00048063**
CH4_STREX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
CO_IDLEX	1.0027	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
CO_RUNEX	1.0027	0	0.188499077	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.188499077**
CO_STREX	1.0027	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
CO2_NBIO_IDLEX	1.0126	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
CO2_NBIO_RUNEX	1.0126	0	364.8778865	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**364.8778865**
CO2_NBIO_STREX	1.0126	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
NOX_IDLEX	1.0007	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
NOX_RUNEX	1.0007	0	0.044065768	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.044065768**
NOX_STREX	1.0007	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
PM10_IDLEX	1.0032	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
PM10_PMBW		0	0.036750011	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.008000002**
PM10_RUNEX	1.0032	0	0.004592228	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.004592228**
PM10_STREX	1.0032	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
PM25_IDLEX	1.0032	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
PM25_PMBW		0	0.015750005	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.002000001**
PM25_RUNEX	1.0032	0	0.00439357	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.00439357**
PM25_STREX	1.0032	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
ROG_DIURN		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
ROG_HTSK		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
ROG_IDLEX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
ROG_RESTL		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
ROG_RUNEX		0	0.010347679	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.010347679**
ROG_RUNLS		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
ROG_STREX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
SO2_IDLEX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
SO2_RUNEX		0	0.003449408	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.003449408**
SO2_STREX		0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
TOG_DIURN	1.0006	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
TOG_HTSK	1.0006	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
TOG_IDLEX	1.0007	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
TOG_RESTL	1.0006	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
TOG_RUNEX	1.0007	0	0.011780145	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0.011780145**
TOG_RUNLS	1.0006	0	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**
TOG_STREX	1.0007	0.00000000	0	0	0	2277.476309	0	0	91589.78907	0	0	10967.9617	0	**0**

LDH1 CalEEMod Emission Rate Worksheet

Vehicle Class: LHDT1

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	ELEC	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	Rate
CH4_IDLEX	0	0.005098128	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.000405297**
CH4_RUNEX	0	0.007879509	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.007879509**
CH4_STREX	0	0	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0**
CO_IDLEX	0	0.909745076	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.072324011**
CO_RUNEX	0	0.758301502	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.758301502**
CO_STREX	0	0	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0**
CO2_NBIO_IDLEX	0	134.5192423	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**10.69417294**
CO2_NBIO_RUNEX	0	550.0246593	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**550.0246593**
CO2_NBIO_STREX	0	0	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0**
NOX_IDLEX	0	2.119656541	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.168511012**
NOX_RUNEX	0	1.964012697	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**1.964012697**
NOX_STREX	0	0	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0**
PM10_IDLEX	0	0.027717031	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.002203482**
PM10_PMBW	0	0.076440022	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.076440022**
PM10_PMTW	0	0.012000003	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.012000003**
PM10_RUNEX	0	0.025854445	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.025854445**
PM10_STREX	0	0	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0**
PM25_IDLEX	0	0.026518005	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.00210816**
PM25_PMBW	0	0.032760009	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.032760009**
PM25_PMTW	0	0.003000001	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.003000001**
PM25_RUNEX	0	0.024735993	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.024735993**
PM25_STREX	0	0	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0**
ROG_DIURN	0	0	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0**
ROG_HTSK	0	0	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0**
ROG_IDLEX	0	0.109759705	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.008725809**
ROG_RESTL	0	0	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0**
ROG_RUNEX	0	0.169641185	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.169641185**
ROG_RUNLS	0	0	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0**
ROG_STREX	0	0	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0**
SO2_IDLEX	0	0.001271691	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.000101098**
SO2_RUNEX	0	0.005199711	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.005199711**
SO2_STREX	0	0	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0**
TOG_DIURN	0	0	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0**
TOG_HTSK	0	0	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0**
TOG_IDLEX	0	0.124954127	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.009933754**
TOG_RESTL	0	0	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0**
TOG_RUNEX	0	0.19312521	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.19312521**
TOG_RUNLS	0	0	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0**
TOG_STREX	0	0	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0**

CH4_IDLEX	0	0.005098128	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.000405297**
CH4_RUNEX	0	0.007879509	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.007879509**
CH4_STREX	0	0	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0**
CO_IDLEX	0	0.909745076	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.072324011**
CO_RUNEX	0	0.758301502	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.758301502**
CO_STREX	0	0	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0**
CO2_NBIO_IDLEX	0	134.5192423	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**10.69417294**
CO2_NBIO_RUNEX	0	550.0246593	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**550.0246593**
CO2_NBIO_STREX	0	0	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0**
NOX_IDLEX	0	2.119656541	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.168511012**
NOX_RUNEX	0	1.992444622	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**1.992444622**
NOX_STREX	0	0	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0**
PM10_IDLEX	0	0.027717031	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.002203482**
PM10_PMBW	0	0.076440022	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.076440022**
PM10_PMTW	0	0.012000003	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.012000003**
PM10_RUNEX	0	0.025854445	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.025854445**
PM10_STREX	0	0	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0**
PM25_IDLEX	0	0.026518005	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.00210816**
PM25_PMBW	0	0.032760009	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.032760009**
PM25_PMTW	0	0.003000001	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.003000001**
PM25_RUNEX	0	0.024735993	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.024735993**
PM25_STREX	0	0	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0**
ROG_DIURN	0	0	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0**
ROG_HTSK	0	0	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0**
ROG_IDLEX	0	0.109759705	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.008725809**
ROG_RESTL	0	0	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0**
ROG_RUNEX	0	0.169641185	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.169641185**
ROG_RUNLS	0	0	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0**
ROG_STREX	0	0	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0**
SO2_IDLEX	0	0.001271691	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.000101098**
SO2_RUNEX	0	0.005199711	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.005199711**
SO2_STREX	0	0	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0**
TOG_DIURN	0	0	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0**
TOG_HTSK	0	0	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0**
TOG_IDLEX	0	0.124954127	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.009933754**
TOG_RESTL	0	0	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0**
TOG_RUNEX	0	0.19312521	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0.19312521**
TOG_RUNLS	0	0	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0**
TOG_STREX	0	0	0	0	8597.340798	0	0	314852.4382	0	0	108143.7318	0	**0**

LDH2 CalEEMod Emission Rate Worksheet

Vehicle Class: LHDT2

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	ELEC	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	Rate
CH4_IDLEX	0	0.005098128	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.000405297**
CH4_RUNEX	0	0.007196143	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.007196143**
CH4_STREX	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
CO_IDLEX	0	0.909745076	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.072324011**
CO_RUNEX	0	0.693152736	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.693152736**
CO_STREX	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
CO2_NBIO_IDLEX	0	214.6331335	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**17.06316367**
CO2_NBIO_RUNEX	0	613.7225486	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**613.7225486**
CO2_NBIO_STREX	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
NOX_IDLEX	0	2.061307783	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.163872332**
NOX_RUNEX	0	1.463486291	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**1.463486291**
NOX_STREX	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
PM10_IDLEX	0	0.027789015	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.002209205**
PM10_PMBW	0	0.089180026	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.089180026**
PM10_PMTW	0	0.012000003	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.012000003**
PM10_RUNEX	0	0.024384318	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.024384318**
PM10_STREX	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
PM25_IDLEX	0	0.026586875	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.002113635**
PM25_PMBW	0	0.038220011	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.038220011**
PM25_PMTW	0	0.003000001	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.003000001**
PM25_RUNEX	0	0.023329464	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.023329464**
PM25_STREX	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
ROG_DIURN	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
ROG_HTSK	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
ROG_IDLEX	0	0.109759705	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.008725809**
ROG_RESTL	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
ROG_RUNEX	0	0.154928726	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.154928726**
ROG_RUNLS	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
ROG_STREX	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
SO2_IDLEX	0	0.002029055	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.000161308**
SO2_RUNEX	0	0.005801885	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.005801885**
SO2_STREX	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
TOG_DIURN	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
TOG_HTSK	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
TOG_IDLEX	0	0.124954127	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.009933754**
TOG_RESTL	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
TOG_RUNEX	0	0.176376054	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.176376054**
TOG_RUNLS	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
TOG_STREX	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
CH4_IDLEX	0	0.005098128	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.000405297**
CH4_RUNEX	0	0.007196143	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.007196143**
CH4_STREX	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
CO_IDLEX	0	0.909745076	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.072324011**
CO_RUNEX	0	0.693152736	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.693152736**
CO_STREX	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
CO2_NBIO_IDLEX	0	214.6331335	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**17.06316367**
CO2_NBIO_RUNEX	0	613.7225486	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**613.7225486**
CO2_NBIO_STREX	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
NOX_IDLEX	0	2.061307783	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.163872332**
NOX_RUNEX	0	1.412411599	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**1.412411599**
NOX_STREX	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
PM10_IDLEX	0	0.027789015	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.002209205**
PM10_PMBW	0	0.089180026	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.089180026**
PM10_PMTW	0	0.012000003	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.012000003**
PM10_RUNEX	0	0.024384318	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.024384318**
PM10_STREX	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
PM25_IDLEX	0	0.026586875	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.002113635**
PM25_PMBW	0	0.038220011	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.038220011**
PM25_PMTW	0	0.003000001	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.003000001**
PM25_RUNEX	0	0.023329464	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.023329464**
PM25_STREX	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
ROG_DIURN	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
ROG_HTSK	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
ROG_IDLEX	0	0.109759705	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.008725809**
ROG_RESTL	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
ROG_RUNEX	0	0.154928726	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.154928726**
ROG_RUNLS	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
ROG_STREX	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
SO2_IDLEX	0	0.002029055	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.000161308**
SO2_RUNEX	0	0.005801885	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.005801885**
SO2_STREX	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
TOG_DIURN	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
TOG_HTSK	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
TOG_IDLEX	0	0.124954127	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.009933754**
TOG_RESTL	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
TOG_RUNEX	0	0.176376054	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.176376054**
TOG_RUNLS	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
TOG_STREX	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**

CH4_IDLEX	0	0.005098128	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.000405297**
CH4_RUNEX	0	0.007196143	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.007196143**
CH4_STREX	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
CO_IDLEX	0	0.909745076	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.072324011**
CO_RUNEX	0	0.693152736	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.693152736**
CO_STREX	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
CO2_NBIO_IDLEX	0	214.6331335	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**17.06316367**
CO2_NBIO_RUNEX	0	613.7225486	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**613.7225486**
CO2_NBIO_STREX	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
NOX_IDLEX	0	2.061307783	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.163872332**
NOX_RUNEX	0	1.484571306	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**1.484571306**
NOX_STREX	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
PM10_IDLEX	0	0.027789015	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.002209205**
PM10_PMBW	0	0.089180026	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.089180026**
PM10_PMTW	0	0.012000003	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.012000003**
PM10_RUNEX	0	0.024384318	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.024384318**
PM10_STREX	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
PM25_IDLEX	0	0.026586875	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.002113635**
PM25_PMBW	0	0.038220011	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.038220011**
PM25_PMTW	0	0.003000001	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.003000001**
PM25_RUNEX	0	0.023329464	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.023329464**
PM25_STREX	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
ROG_DIURN	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
ROG_HTSK	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
ROG_IDLEX	0	0.109759705	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.008725809**
ROG_RESTL	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
ROG_RUNEX	0	0.154928726	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.154928726**
ROG_RUNLS	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
ROG_STREX	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
SO2_IDLEX	0	0.002029055	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.000161308**
SO2_RUNEX	0	0.005801885	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.005801885**
SO2_STREX	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
TOG_DIURN	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
TOG_HTSK	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
TOG_IDLEX	0	0.124954127	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.009933754**
TOG_RESTL	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
TOG_RUNEX	0	0.176376054	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0.176376054**
TOG_RUNLS	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**
TOG_STREX	0	0	0	0	2958.146091	0	0	110401.0059	0	0	37209.75647	0	**0**

MHDT CalEEMod Emission Rate Worksheet

Vehicle Class: MHDT

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	ELEC	MHDT Gas	MHDT DSL	MHDT Elec	MHDT Gas	MHDT DSL	MHDT Elec	MHDT Gas	MHDT DSL	MHDT Elec	**Rate**
CH4_IDLEX	0	0.00415657	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.000435423**
CH4_RUNEX	0	0.000572889	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.000572889**
CH4_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
CO_IDLEX	0	2.97136564	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.31126655**
CO_RUNEX	0	0.116447819	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.116447819**
CO_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
CO2_NBIO_IDLEX	0	1018.541108	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**106.6976652**
CO2_NBIO_RUNEX	0	1020.459088	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**1020.459088**
CO2_NBIO_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
NOX_IDLEX	0	7.013008368	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.734650387**
NOX_RUNEX	0	1.659081127	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**1.659081127**
NOX_STREX	0	2.128707285	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**2.128707285**
PM10_IDLEX	0	0.007155247	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.000749551**
PM10_PMBW	0	0.130340037	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.012000003**
PM10_RUNEX	0	0.008161945	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.008161945**
PM10_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
PM25_IDLEX	0	0.006845714	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.000717125**
PM25_PMBW	0	0.055860016	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.003000001**
PM25_RUNEX	0	0.007808863	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.007808863**
PM25_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
ROG_DIURN	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
ROG_HTSK	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
ROG_IDLEX	0	0.089489814	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.00937454**
ROG_RESTL	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
ROG_RUNEX	0	0.012334133	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.012334133**
ROG_RUNLS	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
ROG_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
SO2_IDLEX	0	0.009622671	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.001008027**
SO2_RUNEX	0	0.009640791	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.009640791**
SO2_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
TOG_DIURN	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
TOG_HTSK	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
TOG_IDLEX	0	0.101877342	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.0106722**
TOG_RESTL	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
TOG_RUNEX	0	0.014041471	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.014041471**
TOG_RUNLS	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
TOG_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
CH4_IDLEX	0	0.004288016	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.000449193**
CH4_RUNEX	0	0.000572889	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.000572889**
CH4_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
CO_IDLEX	0	2.886050706	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.302329351**
CO_RUNEX	0	0.116447819	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.116447819**
CO_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
CO2_NBIO_IDLEX	0	1018.716941	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**106.7160847**
CO2_NBIO_RUNEX	0	1020.459088	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**1020.459088**
CO2_NBIO_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
NOX_IDLEX	0	6.92982801	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.725936797**
NOX_RUNEX	0	1.597019895	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**1.597019895**
NOX_STREX	0	2.128707285	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**2.128707285**
PM10_IDLEX	0	0.006078756	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.000636782**
PM10_PMBW	0	0.130340037	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.012000003**
PM10_RUNEX	0	0.008161945	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.008161945**
PM10_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
PM25_IDLEX	0	0.005815792	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.000609236**
PM25_PMBW	0	0.055860016	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.003000001**
PM25_RUNEX	0	0.007808863	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.007808863**
PM25_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
ROG_DIURN	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
ROG_HTSK	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
ROG_IDLEX	0	0.092319811	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.009670997**
ROG_RESTL	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
ROG_RUNEX	0	0.012334133	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.012334133**
ROG_RUNLS	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
ROG_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
SO2_IDLEX	0	0.009624333	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.001008201**
SO2_RUNEX	0	0.009640791	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.009640791**
SO2_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
TOG_DIURN	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
TOG_HTSK	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
TOG_IDLEX	0	0.105099077	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.011009694**
TOG_RESTL	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
TOG_RUNEX	0	0.014041471	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.014041471**
TOG_RUNLS	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
TOG_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**

CH4_IDLEX	0	0.003975049	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.000416408**
CH4_RUNEX	0	0.000572889	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.000572889**
CH4_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
CO_IDLEX	0	3.089181502	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.323608396**
CO_RUNEX	0	0.116447819	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.116447819**
CO_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
CO2_NBIO_IDLEX	0	1018.29829	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**106.6722288**
CO2_NBIO_RUNEX	0	1020.459088	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**1020.459088**
CO2_NBIO_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
NOX_IDLEX	0	7.127876482	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.746683441**
NOX_RUNEX	0	1.68452998	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**1.68452998**
NOX_STREX	0	2.128707285	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**2.128707285**
PM10_IDLEX	0	0.008641828	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.000905278**
PM10_PMBW	0	0.130340037	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.012000003**
PM10_RUNEX	0	0.008161945	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.008161945**
PM10_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
PM25_IDLEX	0	0.008267986	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.000866116**
PM25_PMBW	0	0.055860016	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.003000001**
PM25_RUNEX	0	0.007808863	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.007808863**
PM25_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
ROG_DIURN	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
ROG_HTSK	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
ROG_IDLEX	0	0.085581724	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.008965146**
ROG_RESTL	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
ROG_RUNEX	0	0.012334133	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.012334133**
ROG_RUNLS	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
ROG_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
SO2_IDLEX	0	0.009620377	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.001007786**
SO2_RUNEX	0	0.009640791	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.009640791**
SO2_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
TOG_DIURN	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
TOG_HTSK	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
TOG_IDLEX	0	0.097428278	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.010206137**
TOG_RESTL	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
TOG_RUNEX	0	0.014041471	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0.014041471**
TOG_RUNLS	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**
TOG_STREX	0	0	0	0	4601.624826	0	0	262908.289	0	0	43927.33465	0	**0**

HHDT CalEEMod Emission Rate Worksheet

Vehicle Class: HHDT

Season	Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	NG	HHDT Gas	HHDT DSL	HHDT NG	HHDT Gas	HHDT DSL	HHDT NG	HHDT Gas	HHDT DSL	HHDT NG	
Annual	CH4_IDLEX	0	0.210828202	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.020110922**
Annual	CH4_RUNEX	0	0.001117985	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.001117985**
Annual	CH4_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Annual	CO_IDLEX	0	66.15987851	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**6.310997185**
Annual	CO_RUNEX	0	0.234644381	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.234644381**
Annual	CO_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Annual	CO2_NBIO_IDLEX	0	11090.08401	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**1057.884182**
Annual	CO2_NBIO_RUNEX	0	1405.952498	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**1405.952498**
Annual	CO2_NBIO_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Annual	NOX_IDLEX	0	56.57870182	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**5.397047817**
Annual	NOX_RUNEX	0	2.675843754	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**2.675843754**
Annual	NOX_STREX	0	2.390917071	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**2.390917071**
Annual	PM10_IDLEX	0	0.028115633	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.002681953**
Annual	PM10_PMBW	0	0.060810527	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.060810527**
Annual	PM10_PMTW	0	0.035458033	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.035458033**
Annual	PM10_RUNEX	0	0.024932466	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.024932466**
Annual	PM10_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Annual	PM25_IDLEX	0	0.026899363	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.002565933**
Annual	PM25_PMBW	0	0.026061654	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.026061654**
Annual	PM25_PMTW	0	0.008864508	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.008864508**
Annual	PM25_RUNEX	0	0.023853898	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.023853898**
Annual	PM25_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Annual	ROG_DIURN	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Annual	ROG_HTSK	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Annual	ROG_IDLEX	0	4.539073368	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.432982646**
Annual	ROG_RESTL	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Annual	ROG_RUNEX	0	0.024069917	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.024069917**
Annual	ROG_RUNLS	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Annual	ROG_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Annual	SO2_IDLEX	0	0.104773615	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.009994365**
Annual	SO2_RUNEX	0	0.013282742	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.013282742**
Annual	SO2_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Annual	TOG_DIURN	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Annual	TOG_HTSK	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Annual	TOG_IDLEX	0	5.16738951	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.492917783**
Annual	TOG_RESTL	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Annual	TOG_RUNEX	0	0.027401769	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.027401769**
Annual	TOG_RUNLS	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Annual	TOG_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Summer	CH4_IDLEX	0	0.222963446	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.021268505**
Summer	CH4_RUNEX	0	0.001117985	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.001117985**
Summer	CH4_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Summer	CO_IDLEX	0	65.21872749	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**6.221220698**
Summer	CO_RUNEX	0	0.234644381	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.234644381**
Summer	CO_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Summer	CO2_NBIO_IDLEX	0	10965.33832	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**1045.984678**
Summer	CO2_NBIO_RUNEX	0	1405.952498	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**1405.952498**
Summer	CO2_NBIO_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Summer	NOX_IDLEX	0	54.09804781	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**5.160417992**
Summer	NOX_RUNEX	0	2.57915047	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**2.57915047**
Summer	NOX_STREX	0	2.390917071	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**2.390917071**
Summer	PM10_IDLEX	0	0.02457252	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.002343975**
Summer	PM10_PMBW	0	0.060810527	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.060810527**
Summer	PM10_PMTW	0	0.035458033	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.035458033**
Summer	PM10_RUNEX	0	0.024932466	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.024932466**
Summer	PM10_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Summer	PM25_IDLEX	0	0.023509523	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.002242576**
Summer	PM25_PMBW	0	0.026061654	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.026061654**
Summer	PM25_PMTW	0	0.008864508	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.008864508**
Summer	PM25_RUNEX	0	0.023853898	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.023853898**
Summer	PM25_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Summer	ROG_DIURN	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Summer	ROG_HTSK	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Summer	ROG_IDLEX	0	4.800341844	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.457905071**
Summer	ROG_RESTL	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Summer	ROG_RUNEX	0	0.024069917	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.024069917**
Summer	ROG_RUNLS	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Summer	ROG_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Summer	SO2_IDLEX	0	0.103595079	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.009881945**
Summer	SO2_RUNEX	0	0.013282742	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.013282742**
Summer	SO2_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Summer	TOG_DIURN	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Summer	TOG_HTSK	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Summer	TOG_IDLEX	0	5.464823782	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.521290067**
Summer	TOG_RESTL	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Summer	TOG_RUNEX	0	0.027401769	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.027401769**
Summer	TOG_RUNLS	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Summer	TOG_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**

Winter	CH4_IDLEX	0	0.194070008	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.018512357**
Winter	CH4_RUNEX	0	0.001117985	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.001117985**
Winter	CH4_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Winter	CO_IDLEX	0	67.45956326	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**6.434974238**
Winter	CO_RUNEX	0	0.234644381	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.234644381**
Winter	CO_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Winter	CO2_NBIO_IDLEX	0	11262.35186	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**1074.316829**
Winter	CO2_NBIO_RUNEX	0	1405.952498	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**1405.952498**
Winter	CO2_NBIO_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Winter	NOX_IDLEX	0	60.00436689	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**5.723822338**
Winter	NOX_RUNEX	0	2.717356657	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**2.717356657**
Winter	NOX_STREX	0	2.390917071	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**2.390917071**
Winter	PM10_IDLEX	0	0.033008504	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.003148684**
Winter	PM10_PMBW	0	0.060810527	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.060810527**
Winter	PM10_PMTW	0	0.035458033	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.035458033**
Winter	PM10_RUNEX	0	0.024932466	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.024932466**
Winter	PM10_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Winter	PM25_IDLEX	0	0.031580571	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.003012474**
Winter	PM25_PMBW	0	0.026061654	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.026061654**
Winter	PM25_PMTW	0	0.008864508	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.008864508**
Winter	PM25_RUNEX	0	0.023853898	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.023853898**
Winter	PM25_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Winter	ROG_DIURN	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Winter	ROG_HTSK	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Winter	ROG_IDLEX	0	4.178274044	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.398565964**
Winter	ROG_RESTL	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Winter	ROG_RUNEX	0	0.024069917	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.024069917**
Winter	ROG_RUNLS	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Winter	ROG_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Winter	SO2_IDLEX	0	0.106401116	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.010149613**
Winter	SO2_RUNEX	0	0.013282742	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.013282742**
Winter	SO2_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Winter	TOG_DIURN	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Winter	TOG_HTSK	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Winter	TOG_IDLEX	0	4.756646944	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.45373701**
Winter	TOG_RESTL	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Winter	TOG_RUNEX	0	0.027401769	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0.027401769**
Winter	TOG_RUNLS	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**
Winter	TOG_STREX	0	0	0	0	5197.822208	0	0	628100.9399	0	0	54490.16625	0	**0**

OBUS CalEEMod Emission Rate Worksheet

Vehicle Class: OBUS

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	OBUS Gas	OBUS DSL	OBUS NG	OBUS Gas	OBUS DSL	OBUS NG	OBUS Gas	OBUS DSL	OBUS NG	Rate
CH4_IDLEX	0	0.04193688	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.004305077**
CH4_RUNEX	0	0.000617674	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.000617674**
CH4_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
CO_IDLEX	0	14.4067473	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**1.478940532**
CO_RUNEX	0	0.145605955	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.145605955**
CO_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
CO2_NBIO_IDLEX	0	2739.073649	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**281.1826261**
CO2_NBIO_RUNEX	0	1214.512245	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**1214.512245**
CO2_NBIO_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
NOX_IDLEX	0	12.45030772	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**1.27810007**
NOX_RUNEX	0	1.881078463	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**1.881078463**
NOX_STREX	0	2.210187896	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**2.210187896**
PM10_IDLEX	0	0.004236571	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.00043491**
PM10_PMBW	0	0.130340037	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.012000003**
PM10_RUNEX	0	0.012274782	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.012274782**
PM10_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
PM25_IDLEX	0	0.004053299	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.000416096**
PM25_PMBW	0	0.055860016	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.003000001**
PM25_RUNEX	0	0.011743781	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.011743781**
PM25_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
ROG_DIURN	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
ROG_HTSK	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
ROG_IDLEX	0	0.902889532	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.092687121**
ROG_RESTL	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
ROG_RUNEX	0	0.01329836	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.01329836**
ROG_RUNLS	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
ROG_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
SO2_IDLEX	0	0.02587741	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.002656474**
SO2_RUNEX	0	0.011474109	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.011474109**
SO2_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
TOG_DIURN	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
TOG_HTSK	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
TOG_IDLEX	0	1.027871003	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.105517231**
TOG_RESTL	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
TOG_RUNEX	0	0.015139171	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.015139171**
TOG_RUNLS	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
TOG_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
CH4_IDLEX	0	0.044451589	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.004563227**
CH4_RUNEX	0	0.000617674	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.000617674**
CH4_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
CO_IDLEX	0	14.21932374	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**1.459700359**
CO_RUNEX	0	0.145605955	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.145605955**
CO_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
CO2_NBIO_IDLEX	0	2702.22275	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**277.3996565**
CO2_NBIO_RUNEX	0	1214.512245	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**1214.512245**
CO2_NBIO_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
NOX_IDLEX	0	11.82698301	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**1.214111984**
NOX_RUNEX	0	1.811805282	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**1.811805282**
NOX_STREX	0	2.210187896	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**2.210187896**
PM10_IDLEX	0	0.003764479	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.000386447**
PM10_PMBW	0	0.130340037	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.012000003**
PM10_RUNEX	0	0.012274782	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.012274782**
PM10_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
PM25_IDLEX	0	0.003601629	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.000369729**
PM25_PMBW	0	0.055860016	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.003000001**
PM25_RUNEX	0	0.011743781	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.011743781**
PM25_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
ROG_DIURN	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
ROG_HTSK	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
ROG_IDLEX	0	0.95703052	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.098245024**
ROG_RESTL	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
ROG_RUNEX	0	0.01329836	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.01329836**
ROG_RUNLS	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
ROG_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
SO2_IDLEX	0	0.025529261	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.002620734**
SO2_RUNEX	0	0.011474109	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.011474109**
SO2_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
TOG_DIURN	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
TOG_HTSK	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
TOG_IDLEX	0	1.089506397	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.111844481**
TOG_RESTL	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
TOG_RUNEX	0	0.015139171	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.015139171**
TOG_RUNLS	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
TOG_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**

CH4_IDLEX	0	0.038464187	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.003948584**
CH4_RUNEX	0	0.000617674	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.000617674**
CH4_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
CO_IDLEX	0	14.66557031	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**1.505510294**
CO_RUNEX	0	0.145605955	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.145605955**
CO_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
CO2_NBIO_IDLEX	0	2789.962985	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**286.406727**
CO2_NBIO_RUNEX	0	1214.512245	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**1214.512245**
CO2_NBIO_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
NOX_IDLEX	0	13.31108947	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**1.366464569**
NOX_RUNEX	0	1.90980005	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**1.90980005**
NOX_STREX	0	2.210187896	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**2.210187896**
PM10_IDLEX	0	0.004888508	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.000501835**
PM10_PMBW	0	0.130340037	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.012000003**
PM10_RUNEX	0	0.012274782	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.012274782**
PM10_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
PM25_IDLEX	0	0.004677033	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.000480126**
PM25_PMBW	0	0.055860016	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.003000001**
PM25_RUNEX	0	0.011743781	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.011743781**
PM25_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
ROG_DIURN	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
ROG_HTSK	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
ROG_IDLEX	0	0.828123404	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.085011921**
ROG_RESTL	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
ROG_RUNEX	0	0.01329836	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.01329836**
ROG_RUNLS	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
ROG_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
SO2_IDLEX	0	0.026358187	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.002705829**
SO2_RUNEX	0	0.011474109	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.011474109**
SO2_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
TOG_DIURN	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
TOG_HTSK	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
TOG_IDLEX	0	0.942755458	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.096779601**
TOG_RESTL	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
TOG_RUNEX	0	0.015139171	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0.015139171**
TOG_RUNLS	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**
TOG_STREX	0	0	0	0	128.4527592	0	0	10172.08601	0	0	1251.29199	0	**0**

UBUS CalEEMod Emission Rate Worksheet

Vehicle Class: UBUS

Pollutant	Emission Rates				Population				VMT				Trips				CalEEMod Emission
	Gas	DSL	ELEC	NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	Rate
CH4_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
CH4_RUNEX	0	0.150529719	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.150529719**
CH4_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
CO_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
CO_RUNEX	0	0.248844525	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.248844525**
CO_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
CO2_NBIO_RUNEX	0	1673.511249	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**1673.511249**
CO2_NBIO_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
NOX_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
NOX_RUNEX	0	2.136937099	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**2.136937099**
NOX_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
PM10_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
PM10_PMBW	0	0.075545565	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.075545565**
PM10_PMTW	0	0.031170099	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.031170099**
PM10_RUNEX	0	0.006794129	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.006794129**
PM10_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
PM25_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
PM25_PMBW	0	0.032376671	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.032376671**
PM25_PMTW	0	0.007792525	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.007792525**
PM25_RUNEX	0	0.006500218	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.006500218**
PM25_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
ROG_DIURN	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
ROG_HTSK	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
ROG_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
ROG_RESTL	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
ROG_RUNEX	0	0.002150773	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.002150773**
ROG_RUNLS	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
ROG_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
SO2_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
SO2_RUNEX	0	0.0158207	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.0158207**
SO2_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
TOG_DIURN	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
TOG_HTSK	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
TOG_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
TOG_RESTL	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
TOG_RUNEX	0	0.153626619	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.153626619**
TOG_RUNLS	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
TOG_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
CH4_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
CH4_RUNEX	0	0.150529719	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.150529719**
CH4_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
CO_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
CO_RUNEX	0	0.248844525	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.248844525**
CO_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
CO2_NBIO_RUNEX	0	1673.511249	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**1673.511249**
CO2_NBIO_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
NOX_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
NOX_RUNEX	0	2.136937099	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**2.136937099**
NOX_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
PM10_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
PM10_PMBW	0	0.075545565	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.075545565**
PM10_PMTW	0	0.031170099	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.031170099**
PM10_RUNEX	0	0.006794129	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.006794129**
PM10_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
PM25_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
PM25_PMBW	0	0.032376671	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.032376671**
PM25_PMTW	0	0.007792525	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.007792525**
PM25_RUNEX	0	0.006500218	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.006500218**
PM25_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
ROG_DIURN	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
ROG_HTSK	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
ROG_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
ROG_RESTL	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
ROG_RUNEX	0	0.002150773	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.002150773**
ROG_RUNLS	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
ROG_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
SO2_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
SO2_RUNEX	0	0.0158207	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.0158207**
SO2_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
TOG_DIURN	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
TOG_HTSK	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
TOG_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
TOG_RESTL	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
TOG_RUNEX	0	0.153626619	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.153626619**
TOG_RUNLS	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
TOG_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**

CH4_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
CH4_RUNEX	0	0.150529719	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.150529719**
CH4_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
CO_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
CO_RUNEX	0	0.248844525	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.248844525**
CO_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
CO2_NBIO_RUNEX	0	1673.511249	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**1673.511249**
CO2_NBIO_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
NOX_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
NOX_RUNEX	0	2.136937099	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**2.136937099**
NOX_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
PM10_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
PM10_PMBW	0	0.075545565	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.075545565**
PM10_PMTW	0	0.031170099	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.031170099**
PM10_RUNEX	0	0.006794129	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.006794129**
PM10_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
PM25_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
PM25_PMBW	0	0.032376671	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.032376671**
PM25_PMTW	0	0.007792525	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.007792525**
PM25_RUNEX	0	0.006500218	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.006500218**
PM25_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
ROG_DIURN	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
ROG_HTSK	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
ROG_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
ROG_RESTL	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
ROG_RUNEX	0	0.002150773	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.002150773**
ROG_RUNLS	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
ROG_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
SO2_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
SO2_RUNEX	0	0.0158207	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.0158207**
SO2_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
TOG_DIURN	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
TOG_HTSK	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
TOG_IDLEX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
TOG_RESTL	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
TOG_RUNEX	0	0.153626619	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0.153626619**
TOG_RUNLS	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**
TOG_STREX	0	0	0	0	0	202.1706246	0	0	0	20363.46565	0	0	0	808.6824985	0	0	**0**

MCY CalEEMod Emission Rate Worksheet

Vehicle Class: MCY

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	MCY Gas	MCY DSL	MCY NG	MCY Gas	MCY DSL	MCY NG	MCY Gas	MCY DSL	MCY NG	Rate
CH4_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**

CH4_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**

SBUS CalEEMod Emission Rate Worksheet

Vehicle Class: SBUS

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	SBUS Gas	SBUS DSL	SBUS NG	SBUS Gas	SBUS DSL	SBUS NG	SBUS Gas	SBUS DSL	SBUS NG	**Rate**
CH4_IDLEX	0	0.012611318	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.001092848**
CH4_RUNEX	0	0.002226152	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.002226152**
CH4_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
CO_IDLEX	0	8.830500374	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.765217198**
CO_RUNEX	0	0.165986212	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.165986212**
CO_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
CO2_NBIO_IDLEX	0	3413.567436	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**295.8066246**
CO2_NBIO_RUNEX	0	1025.836139	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**1025.836139**
CO2_NBIO_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
NOX_IDLEX	0	27.40326401	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**2.374661459**
NOX_RUNEX	0	3.233884657	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**3.233884657**
NOX_STREX	0	1.523405554	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**1.523405554**
PM10_IDLEX	0	0.019862274	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.001721188**
PM10_PMBW	0	0.744800213	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.744800213**
PM10_PMTW	0	0.012000003	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.012000003**
PM10_RUNEX	0	0.019277086	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.019277086**
PM10_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
PM25_IDLEX	0	0.019003041	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.00164673**
PM25_PMBW	0	0.319200091	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.319200091**
PM25_PMTW	0	0.003000001	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.003000001**
PM25_RUNEX	0	0.018443168	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.018443168**
PM25_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
ROG_DIURN	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
ROG_HTSK	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
ROG_IDLEX	0	0.271518228	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.023528725**
ROG_RESTL	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
ROG_RUNEX	0	0.047928439	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.047928439**
ROG_RUNLS	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
ROG_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
SO2_IDLEX	0	0.032249693	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.002794634**
SO2_RUNEX	0	0.009691591	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.009691591**
SO2_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
TOG_DIURN	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
TOG_HTSK	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
TOG_IDLEX	0	0.309102834	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.026785663**
TOG_RESTL	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
TOG_RUNEX	0	0.054562879	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.054562879**
TOG_RUNLS	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
TOG_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
CH4_IDLEX	0	0.01295379	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.001122526**
CH4_RUNEX	0	0.002226152	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.002226152**
CH4_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
CO_IDLEX	0	8.51487862	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.737866631**
CO_RUNEX	0	0.165986212	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.165986212**
CO_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
CO2_NBIO_IDLEX	0	3446.675533	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**298.6756449**
CO2_NBIO_RUNEX	0	1025.836139	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**1025.836139**
CO2_NBIO_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
NOX_IDLEX	0	27.41804289	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**2.37594214**
NOX_RUNEX	0	3.109203508	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**3.109203508**
NOX_STREX	0	1.523405554	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**1.523405554**
PM10_IDLEX	0	0.016887961	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.001463446**
PM10_PMBW	0	0.744800213	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.744800213**
PM10_PMTW	0	0.012000003	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.012000003**
PM10_RUNEX	0	0.019277086	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.019277086**
PM10_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
PM25_IDLEX	0	0.016157395	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.001400138**
PM25_PMBW	0	0.319200091	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.319200091**
PM25_PMTW	0	0.003000001	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.003000001**
PM25_RUNEX	0	0.018443168	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.018443168**
PM25_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
ROG_DIURN	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
ROG_HTSK	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
ROG_IDLEX	0	0.278891546	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.024167669**
ROG_RESTL	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
ROG_RUNEX	0	0.047928439	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.047928439**
ROG_RUNLS	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
ROG_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
SO2_IDLEX	0	0.032562481	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.002821739**
SO2_RUNEX	0	0.009691591	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.009691591**
SO2_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
TOG_DIURN	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
TOG_HTSK	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
TOG_IDLEX	0	0.317496796	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.027513051**
TOG_RESTL	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
TOG_RUNEX	0	0.054562879	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.054562879**
TOG_RUNLS	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
TOG_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**

CH4_IDLEX	0	0.012138382	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.001051865**
CH4_RUNEX	0	0.002226152	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.002226152**
CH4_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
CO_IDLEX	0	9.266358985	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.802987029**
CO_RUNEX	0	0.165986212	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.165986212**
CO_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
CO2_NBIO_IDLEX	0	3367.846732	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**291.8446442**
CO2_NBIO_RUNEX	0	1025.836139	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**1025.836139**
CO2_NBIO_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
NOX_IDLEX	0	27.38285508	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**2.3728929**
NOX_RUNEX	0	3.285472727	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**3.285472727**
NOX_STREX	0	1.523405554	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**1.523405554**
PM10_IDLEX	0	0.023969659	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.002077118**
PM10_PMBW	0	0.744800213	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.744800213**
PM10_PMTW	0	0.012000003	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.012000003**
PM10_RUNEX	0	0.019277086	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.019277086**
PM10_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
PM25_IDLEX	0	0.022932742	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.001987263**
PM25_PMBW	0	0.319200091	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.319200091**
PM25_PMTW	0	0.003000001	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.003000001**
PM25_RUNEX	0	0.018443168	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.018443168**
PM25_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
ROG_DIURN	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
ROG_HTSK	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
ROG_IDLEX	0	0.261336027	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.022646375**
ROG_RESTL	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
ROG_RUNEX	0	0.047928439	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.047928439**
ROG_RUNLS	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
ROG_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
SO2_IDLEX	0	0.031817746	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.002757203**
SO2_RUNEX	0	0.009691591	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.009691591**
SO2_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
TOG_DIURN	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
TOG_HTSK	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
TOG_IDLEX	0	0.297511173	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.025781174**
TOG_RESTL	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
TOG_RUNEX	0	0.054562879	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0.054562879**
TOG_RUNLS	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**
TOG_STREX	0	0	0	0	888.6542454	0	0	29222.84434	0	0	10254.94678	0	**0**

MH CalEEMod Emission Rate Worksheet

Vehicle Class: MH

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	MH Gas	MH DSL	MH NG	MH Gas	MH DSL	MH NG	MH Gas	MH DSL	MH NG	**Rate**
CH4_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
CH4_RUNEX	0.005409479	0.005409479	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.005409479**
CH4_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
CO_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
CO_RUNEX	0.420437573	0.420437573	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.420437573**
CO_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
CO2_NBIO_RUNEX	1022.719995	1022.719995	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**1022.719995**
CO2_NBIO_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
NOX_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
NOX_RUNEX	4.470056183	4.470056183	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**4.470056183**
NOX_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
PM10_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.016000005**
PM10_RUNEX	0.106954043	0.106954043	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.106954043**
PM10_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
PM25_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.004000001**
PM25_RUNEX	0.102327259	0.102327259	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.102327259**
PM25_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
ROG_DIURN	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
ROG_HTSK	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
ROG_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
ROG_RESTL	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
ROG_RUNEX	0.116462894	0.116462894	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.116462894**
ROG_RUNLS	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
ROG_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
SO2_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
SO2_RUNEX	0.009668382	0.009668382	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.009668382**
SO2_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
TOG_DIURN	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
TOG_HTSK	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
TOG_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
TOG_RESTL	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
TOG_RUNEX	0.132585262	0.132585262	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.132585262**
TOG_RUNLS	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
TOG_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
CH4_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
CH4_RUNEX	0.005409479	0.005409479	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.005409479**
CH4_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
CO_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
CO_RUNEX	0.420437573	0.420437573	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.420437573**
CO_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
CO2_NBIO_RUNEX	1022.719995	1022.719995	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**1022.719995**
CO2_NBIO_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
NOX_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
NOX_RUNEX	4.30300687	4.30300687	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**4.30300687**
NOX_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
PM10_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.016000005**
PM10_RUNEX	0.106954043	0.106954043	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.106954043**
PM10_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
PM25_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.004000001**
PM25_RUNEX	0.102327259	0.102327259	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.102327259**
PM25_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
ROG_DIURN	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
ROG_HTSK	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
ROG_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
ROG_RESTL	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
ROG_RUNEX	0.116462894	0.116462894	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.116462894**
ROG_RUNLS	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
ROG_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
SO2_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
SO2_RUNEX	0.009668382	0.009668382	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.009668382**
SO2_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
TOG_DIURN	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
TOG_HTSK	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
TOG_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
TOG_RESTL	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
TOG_RUNEX	0.132585262	0.132585262	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.132585262**
TOG_RUNLS	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
TOG_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**

CH4_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
CH4_RUNEX	0.005409479	0.005409479	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.005409479**
CH4_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
CO_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
CO_RUNEX	0.420437573	0.420437573	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.420437573**
CO_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
CO2_NBIO_RUNEX	1022.719995	1022.719995	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**1022.719995**
CO2_NBIO_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
NOX_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
NOX_RUNEX	4.538406629	4.538406629	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**4.538406629**
NOX_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
PM10_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.016000005**
PM10_RUNEX	0.106954043	0.106954043	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.106954043**
PM10_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
PM25_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.004000001**
PM25_RUNEX	0.102327259	0.102327259	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.102327259**
PM25_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
ROG_DIURN	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
ROG_HTSK	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
ROG_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
ROG_RESTL	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
ROG_RUNEX	0.116462894	0.116462894	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.116462894**
ROG_RUNLS	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
ROG_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
SO2_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
SO2_RUNEX	0.009668382	0.009668382	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.009668382**
SO2_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
TOG_DIURN	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
TOG_HTSK	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
TOG_IDLEX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
TOG_RESTL	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
TOG_RUNEX	0.132585262	0.132585262	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0.132585262**
TOG_RUNLS	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**
TOG_STREX	0	0	0	0	786.6124736	0	0	7158.014809	0	0	78.66124736	0	**0**

EMFAC2017 Derived CalEEMod Annual Emission Rates: Scenario 4: Year 2025[1,2] - Trucks

Season	Pollutant	LDA	LDT1	LDT2	MDV	LHDT1	LHDT2	MHDT	HHDT	OBUS	UBUS	MCY	SBUS	MH
Annual	CH4_IDLEX	0	0	0	0	0.0004053	0.000405297	0.000420597	0.019952173	0.0042487	0	0	0.0010878	0
Annual	CH4_RUNEX	0.0004521	0.0069893	0.0006012	0.0004216	0.0074355	0.006897399	0.000565445	0.001116295	0.0006162	0.0722643	0	0.0019535	0.0051802
Annual	CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	CO_IDLEX	0	0	0	0	0.072324	0.072324011	0.320801189	6.277144269	1.4617477	0	0	0.8041584	0
Annual	CO_RUNEX	0.1775339	1.0011398	0.1252184	0.1804741	0.7188037	0.667362056	0.119311766	0.24002386	0.1458086	0.1218447	0	0.1558472	0.3961667
Annual	CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	CO2_NBIO_IDLEX	0	0	0	0	10.437883	16.64184679	103.9415247	1020.703964	271.57558	0	0	286.40625	0
Annual	CO2_NBIO_RUNEX	191.74426	402.45883	262.13458	344.50083	533.3014	594.8351832	995.0167561	1357.398504	1167.1661	1540.556	0	990.16623	997.1524
Annual	CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	NOX_IDLEX	0	0	0	0	0.1546722	0.149381835	0.678709479	5.303426793	1.2649893	0	0	2.1835739	0
Annual	NOX_RUNEX	0.044332	0.900778	0.0322531	0.0341287	1.5601162	1.162032381	1.690618531	2.670473831	1.8876241	0.7626795	0	2.8390192	4.1852466
Annual	NOX_STREX[3]	0	0	0	0	0	0	2.146214495	2.397819381	2.2134421	0	0	1.6349828	0
Annual	PM10_IDLEX	0	0	0	0	0.0021905	0.002212438	0.000567656	0.002494651	0.00043	0	0	0.0014142	0
Annual	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060848023	0.13034	0.0765067	0	0.7448002	0.13034
Annual	PM10_PMTW	0.008	0.008	0.008	0.008	0.012	0.012000003	0.012000003	0.035479897	0.012	0.0308339	0	0.012	0.016
Annual	PM10_RUNEX	0.0044526	0.1108073	0.0042915	0.0038399	0.0224589	0.022729912	0.008322247	0.025108028	0.0122613	0.0056478	0	0.0171322	0.0957251
Annual	PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	PM25_IDLEX	0	0	0	0	0.0020958	0.002116729	0.0005431	0.002386734	0.0004114	0	0	0.001353	0
Annual	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.026077724	0.05586	0.0327886	0	0.3192001	0.05586
Annual	PM25_PMTW	0.002	0.002	0.002	0.002	0.003	0.003000001	0.003000001	0.008869974	0.003	0.0077085	0	0.003	0.004
Annual	PM25_RUNEX	0.00426	0.1060138	0.0041058	0.0036738	0.0214873	0.021746626	0.00796223	0.024021866	0.0117309	0.0054034	0	0.016391	0.0915841
Annual	PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	ROG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	ROG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	ROG_IDLEX	0	0	0	0	0.0087258	0.008725809	0.009055339	0.429564821	0.0914739	0	0	0.0234198	0
Annual	ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	ROG_RUNEX	0.0097333	0.1504762	0.0129429	0.0090777	0.1600816	0.148496932	0.012173872	0.024033526	0.0132673	0.0010325	0	0.0420594	0.1115273
Annual	ROG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	SO2_IDLEX	0	0	0	0	9.868E-05	0.000157325	0.000981988	0.009643105	0.0025657	0	0	0.0027058	0
Annual	SO2_RUNEX	0.0018127	0.0038047	0.0024781	0.0032568	0.0050416	0.005623332	0.009400425	0.012824028	0.0110268	0.0145638	0	0.0093546	0.0094267
Annual	SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	TOG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	TOG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	TOG_IDLEX	0	0	0	0	0.0099338	0.009933754	0.010308815	0.48902685	0.1041361	0	0	0.0266617	0
Annual	TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	TOG_RUNEX	0.0110807	0.1713071	0.0147346	0.0103343	0.1822423	0.169053885	0.013859027	0.02736034	0.0151038	0.073751	0	0.0478814	0.1269664
Annual	TOG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	CH4_IDLEX	0	0	0	0	0.0004053	0.000405297	0.000437159	0.021108769	0.0045035	0	0	0.0011247	0
Summer	CH4_RUNEX	0.0004521	0.0069893	0.0006012	0.0004216	0.0074355	0.006897399	0.000565445	0.001116295	0.0006162	0.0722643	0	0.0019535	0.0051802
Summer	CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	CO_IDLEX	0	0	0	0	0.072324	0.072324011	0.312864598	6.189335443	1.4427291	0	0	0.7793931	0

Summer	CO_RUNEX	0.1775339	1.0011398	0.1252184	0.1804741	0.7188037	0.667362056	0.119311766	0.24002386	0.1458086	0.1218447	0	0.1558472	0.3961667
Summer	CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	CO2_NBIO_IDLEX	0	0	0	0	10.437883	16.64184679	103.6466977	1008.920336	267.9206	0	0	288.12286	0
Summer	CO2_NBIO_RUNEX	191.74426	402.45883	262.13458	344.50083	533.3014	594.8351832	995.0167561	1357.398504	1167.1661	1540.556	0	990.16623	997.1524
Summer	CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	NOX_IDLEX	0	0	0	0	0.1546722	0.149381835	0.666354255	5.065375114	1.2016513	0	0	2.1719976	0
Summer	NOX_RUNEX	0.0426411	0.8664653	0.031021	0.0328263	1.5058452	1.121897093	1.627399646	2.574020724	1.8180812	0.7626795	0	2.7295512	4.0287773
Summer	NOX_STREX[3]	0	0	0	0	0	0	2.146214495	2.397819381	2.2134421	0	0	1.6349828	0
Summer	PM10_IDLEX	0	0	0	0	0.0021905	0.002212438	0.000483591	0.002185595	0.0003821	0	0	0.0012052	0
Summer	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060848023	0.13034	0.0765067	0	0.7448002	0.13034
Summer	PM10_PMTW	0.008	0.008	0.008	0.008	0.012	0.012000003	0.012000003	0.035479897	0.012	0.0308339	0	0.012	0.016
Summer	PM10_RUNEX	0.0044526	0.1108073	0.0042915	0.0038399	0.0224589	0.022729912	0.008322247	0.025108028	0.0122613	0.0056478	0	0.0171322	0.0957251
Summer	PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	PM25_IDLEX	0	0	0	0	0.0020958	0.002116729	0.000462671	0.002091047	0.0003656	0	0	0.001153	0
Summer	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.026077724	0.05586	0.0327886	0	0.3192001	0.05586
Summer	PM25_PMTW	0.002	0.002	0.002	0.002	0.003	0.003000001	0.003000001	0.008869974	0.003	0.0077085	0	0.003	0.004
Summer	PM25_RUNEX	0.00426	0.1060138	0.0041058	0.0036738	0.0214873	0.021746626	0.00796223	0.024021866	0.0117309	0.0054034	0	0.016391	0.0915841
Summer	PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	ROG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	ROG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	ROG_IDLEX	0	0	0	0	0.0087258	0.008725809	0.009411913	0.454466005	0.0969594	0	0	0.0242151	0
Summer	ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	ROG_RUNEX	0.0097333	0.1504762	0.0129429	0.0090777	0.1600816	0.148496932	0.012173872	0.024033526	0.0132673	0.0010325	0	0.0420594	0.1115273
Summer	ROG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	SO2_IDLEX	0	0	0	0	9.868E-05	0.000157325	0.000979203	0.009531779	0.0025312	0	0	0.002722	0
Summer	SO2_RUNEX	0.0018127	0.0038047	0.0024781	0.0032568	0.0050416	0.005623332	0.009400425	0.012824028	0.0110268	0.0145638	0	0.0093546	0.0094267
Summer	SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	TOG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	TOG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	TOG_IDLEX	0	0	0	0	0.0099338	0.009933754	0.010714746	0.517374953	0.1103809	0	0	0.027567	0
Summer	TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	TOG_RUNEX	0.0110807	0.1713071	0.0147346	0.0103343	0.1822423	0.169053885	0.013859027	0.02736034	0.0151038	0.073751	0	0.0478814	0.1269664
Summer	TOG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0

Winter	CH4_IDLEX	0	0	0	0	0.0004053	0.000405297	0.000397726	0.01835497	0.0038969	0	0	0.0010368	0
Winter	CH4_RUNEX	0.0004521	0.0069893	0.0006012	0.0004216	0.0074355	0.006897399	0.000565445	0.001116295	0.0006162	0.0722643	0	0.0019535	0.0051802
Winter	CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	CO_IDLEX	0	0	0	0	0.072324	0.072324011	0.331761244	6.398404077	1.4880115	0	0	0.8383582	0
Winter	CO_RUNEX	0.1775339	1.0011398	0.1252184	0.1804741	0.7188037	0.667362056	0.119311766	0.24002386	0.1458086	0.1218447	0	0.1558472	0.3961667
Winter	CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	CO2_NBIO_IDLEX	0	0	0	0	10.437883	16.64184679	104.3486669	1036.976594	276.62295	0	0	284.03569	0
Winter	CO2_NBIO_RUNEX	191.74426	402.45883	262.13458	344.50083	533.3014	594.8351832	995.0167561	1357.398504	1167.1661	1540.556	0	990.16623	997.1524
Winter	CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	NOX_IDLEX	0	0	0	0	0.1546722	0.149381835	0.695771454	5.632164825	1.352456	0	0	2.1995603	0
Winter	NOX_RUNEX	0.0449818	0.9139301	0.032728	0.0346298	1.58253	1.178598315	1.716502583	2.711815903	1.9164327	0.7626795	0	2.8843628	4.2492708
Winter	NOX_STREX[3]	0	0	0	0	0	0	2.146214495	2.397819381	2.2134421	0	0	1.6349828	0
Winter	PM10_IDLEX	0	0	0	0	0.0021905	0.002212438	0.000683746	0.002921443	0.0004962	0	0	0.0017028	0
Winter	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060848023	0.13034	0.0765067	0	0.7448002	0.13034
Winter	PM10_PMTW	0.008	0.008	0.008	0.008	0.012	0.012000003	0.012000003	0.035479897	0.012	0.0308339	0	0.012	0.016
Winter	PM10_RUNEX	0.0044526	0.1108073	0.0042915	0.0038399	0.0224589	0.022729912	0.008322247	0.025108028	0.0122613	0.0056478	0	0.0171322	0.0957251
Winter	PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	PM25_IDLEX	0	0	0	0	0.0020958	0.002116729	0.000654167	0.002795063	0.0004747	0	0	0.0016291	0
Winter	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.026077724	0.05586	0.0327886	0	0.3192001	0.05586
Winter	PM25_PMTW	0.002	0.002	0.002	0.002	0.003	0.003000001	0.003000001	0.008869974	0.003	0.0077085	0	0.003	0.004
Winter	PM25_RUNEX	0.00426	0.1060138	0.0041058	0.0036738	0.0214873	0.021746626	0.00796223	0.024021866	0.0117309	0.0054034	0	0.016391	0.0915841
Winter	PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	ROG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	ROG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	ROG_IDLEX	0	0	0	0	0.0087258	0.008725809	0.008562929	0.395177471	0.0838987	0	0	0.0223215	0
Winter	ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	ROG_RUNEX	0.0097333	0.1504762	0.0129429	0.0090777	0.1600816	0.148496932	0.012173872	0.024033526	0.0132673	0.0010325	0	0.0420594	0.1115273
Winter	ROG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	SO2_IDLEX	0	0	0	0	9.868E-05	0.000157325	0.000985834	0.009796841	0.0026134	0	0	0.0026834	0
Winter	SO2_RUNEX	0.0018127	0.0038047	0.0024781	0.0032568	0.0050416	0.005623332	0.009400425	0.012824028	0.0110268	0.0145638	0	0.0093546	0.0094267
Winter	SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	TOG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	TOG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	TOG_IDLEX	0	0	0	0	0.0099338	0.009933754	0.009748243	0.449879469	0.0955123	0	0	0.0254114	0
Winter	TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	TOG_RUNEX	0.0110807	0.1713071	0.0147346	0.0103343	0.1822423	0.169053885	0.013859027	0.02736034	0.0151038	0.073751	0	0.0478814	0.1269664
Winter	TOG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0

1 Source: California Air Resources Board. EMFAC2017 Web Database. https://www.arb.ca.gov/emfac/2017/; California Air Pollution Control Officers Association (CAPCOA). 2017, November. California Emissions Estimator Model User's Guide, Version 2016.3.2, Appendix A.

2 Unless otherwise noted, per CalEEMod methodology, the calculated CalEEMod emission rates are derived from the emission rates obtained using the EMFAC2017 Web Database for the Contra Costa (SF) region .

3 Because EMFAC2017 provides vehicle trips data for MHDT and HHDT diesel trucks, the formula provided in Appendix A of the CalEEMod User's Guide in calculating the NO_X STREX emission rates are utilized.

Off-Model SAFE Rule Adjustment Factors for Gasoline Light Duty Vehicle (LDA, LDT1, LDT2, MDV) Emissions in EMFAC2017

Year	NOx Exh	TOG Evap	TOG Exh	PM Exh	CO Exh	CO2 Exh
2021	1.0002	1.0001	1.0002	1.0009	1.0005	1.0023
2022	1.0004	1.0003	1.0004	1.0018	1.0014	1.0065
2023	1.0007	1.0006	1.0007	1.0032	1.0027	1.0126
2024	1.0012	1.001	1.0011	1.0051	1.0044	1.0207
2025	1.0018	1.0016	1.0016	1.0074	1.0065	1.0309
2026	1.0023	1.0022	1.002	1.0091	1.0083	1.0394
2027	1.0028	1.0028	1.0024	1.0105	1.0102	1.0475
2028	1.0034	1.0035	1.0028	1.0117	1.012	1.0554
2029	1.004	1.0042	1.0032	1.0129	1.0138	1.0629
2030	1.0047	1.0051	1.0037	1.0142	1.0156	1.0702
2031	1.0054	1.0061	1.0042	1.0155	1.0173	1.077
2032	1.0061	1.0072	1.0047	1.0169	1.0189	1.0834
2033	1.0068	1.0083	1.0052	1.0182	1.0204	1.0893
2034	1.0075	1.0095	1.0058	1.0196	1.0218	1.0947
2035	1.0081	1.0108	1.0063	1.021	1.0232	1.0997
2036	1.0088	1.0121	1.0069	1.0223	1.0244	1.1041
2037	1.0094	1.0134	1.0074	1.0236	1.0255	1.108
2038	1.0099	1.0148	1.0079	1.0248	1.0265	1.1114
2039	1.0104	1.0161	1.0085	1.0259	1.0274	1.1143
2040	1.0109	1.0174	1.009	1.027	1.0281	1.1168
2041	1.0113	1.0186	1.0095	1.0279	1.0288	1.1189
2042	1.0116	1.0198	1.0099	1.0286	1.0294	1.1207
2043	1.0119	1.0207	1.0103	1.0293	1.0299	1.1221
2044	1.0122	1.0216	1.0106	1.0299	1.0303	1.1233
2045	1.0124	1.0225	1.0109	1.0303	1.0306	1.1243
2046	1.0125	1.0233	1.0111	1.0308	1.0309	1.1251
2047	1.0127	1.024	1.0113	1.0311	1.0311	1.1258
2048	1.0128	1.0246	1.0115	1.0314	1.0313	1.1263
2049	1.0128	1.0252	1.0116	1.0316	1.0315	1.1268
2050	1.0129	1.0257	1.0117	1.0318	1.0316	1.1272

Sources: California Air Resources Board. 2019, November 20. EMFAC Off-Model Adjustment Factors to Account for the SAFE Vehicles Rule Part One and the Final Safe Rule. hhttps://ww3.arb.ca.gov/msei/emfac_off_model_adjustment_factors_final_draft.pdf; California Air Resources Board. 2020, June 26. EMFAC Off-Model Adjustment Factors for Carbon Dioxide (CO2) Emissions to Account for the SAFE Vehicles Rule Part One and the Final Safe Rule. https://ww3.arb.ca.gov/msei/emfac_off_model_co2_adjustment_factors_06262020-final.pdf.

LDA CalEEMod Emission Rate Worksheet

Vehicle Class: LDA

Pollutant	Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	LDA Gas	LDA DSL	LDA Elec	LDA Gas	LDA DSL	LDA Elec	LDA Gas	LDA DSL	LDA Elec	
CH4_IDLEX		0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
CH4_RUNEX		0	0.000452091	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.000452091**
CH4_STREX		0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
CO_IDLEX	1.0065	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
CO_RUNEX	1.0065	0	0.177533885	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.177533885**
CO_STREX	1.0065	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
CO2_NBIO_IDLEX	1.0309	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
CO2_NBIO_RUNEX	1.0309	0	191.7442569	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**191.7442569**
CO2_NBIO_STREX	1.0309	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
NOX_IDLEX	1.0018	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
NOX_RUNEX	1.0018	0	0.044331971	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.044331971**
NOX_STREX	1.0018	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
PM10_IDLEX	1.0074	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
PM10_PMBW		0	0.036750011	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.008000002**
PM10_RUNEX	1.0074	0	0.004452604	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.004452604**
PM10_STREX	1.0074	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
PM25_IDLEX	1.0074	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
PM25_PMBW		0	0.015750005	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.002000001**
PM25_RUNEX	1.0074	0	0.004259986	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.004259986**
PM25_STREX	1.0074	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
ROG_DIURN		0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
ROG_HTSK		0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
ROG_IDLEX		0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
ROG_RESTL		0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
ROG_RUNEX		0	0.009733262	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.009733262**
ROG_RUNLS		0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
ROG_STREX		0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
SO2_IDLEX		0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
SO2_RUNEX		0	0.001812673	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.001812673**
SO2_STREX		0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
TOG_DIURN	1.0016	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
TOG_HTSK	1.0016	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
TOG_IDLEX	1.0016	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
TOG_RESTL	1.0016	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
TOG_RUNEX	1.0016	0	0.011080672	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.011080672**
TOG_RUNLS	1.0016	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
TOG_STREX	1.0016	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
CH4_IDLEX		0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
CH4_RUNEX		0	0.000452091	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.000452091**
CH4_STREX		0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
CO_IDLEX	1.0065	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
CO_RUNEX	1.0065	0	0.177533885	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.177533885**
CO_STREX	1.0065	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
CO2_NBIO_IDLEX	1.0309	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
CO2_NBIO_RUNEX	1.0309	0	191.7442569	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**191.7442569**
CO2_NBIO_STREX	1.0309	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
NOX_IDLEX	1.0018	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
NOX_RUNEX	1.0018	0	0.042641065	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.042641065**
NOX_STREX	1.0018	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
PM10_IDLEX	1.0074	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
PM10_PMBW		0	0.036750011	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.008000002**
PM10_RUNEX	1.0074	0	0.004452604	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.004452604**
PM10_STREX	1.0074	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
PM25_IDLEX	1.0074	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
PM25_PMBW		0	0.015750005	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.002000001**
PM25_RUNEX	1.0074	0	0.004259986	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.004259986**
PM25_STREX	1.0074	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
ROG_DIURN		0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
ROG_HTSK		0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
ROG_IDLEX		0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
ROG_RESTL		0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
ROG_RUNEX		0	0.009733262	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.009733262**
ROG_RUNLS		0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
ROG_STREX		0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
SO2_IDLEX		0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
SO2_RUNEX		0	0.001812673	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.001812673**
SO2_STREX		0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
TOG_DIURN	1.0016	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
TOG_HTSK	1.0016	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
TOG_IDLEX	1.0016	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
TOG_RESTL	1.0016	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
TOG_RUNEX	1.0016	0	0.011080672	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0.011080672**
TOG_RUNLS	1.0016	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**
TOG_STREX	1.0016	0	0	0	0	4947.44779	0	0	184047.8509	0	0	23222.968	0	**0**

CH4_IDLEX		0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
CH4_RUNEX		0	0.000452091	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0.000452091**
CH4_STREX		0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
CO_IDLEX	1.0065	0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
CO_RUNEX	1.0065	0	0.177533885	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0.177533885**
CO_STREX	1.0065	0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
CO2_NBIO_IDLEX	1.0309	0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
CO2_NBIO_RUNEX	1.0309	0	191.7442569	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**191.7442569**
CO2_NBIO_STREX	1.0309	0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
NOX_IDLEX	1.0018	0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
NOX_RUNEX	1.0018	0	0.044981837	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0.044981837**
NOX_STREX	1.0018	0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
PM10_IDLEX	1.0074	0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
PM10_PMBW		0	0.036750011	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0.008000002**
PM10_RUNEX	1.0074	0	0.004452604	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0.004452604**
PM10_STREX	1.0074	0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
PM25_IDLEX	1.0074	0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
PM25_PMBW		0	0.015750005	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0.002000001**
PM25_RUNEX	1.0074	0	0.004259986	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0.004259986**
PM25_STREX	1.0074	0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
ROG_DIURN		0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
ROG_HTSK		0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
ROG_IDLEX		0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
ROG_RESTL		0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
ROG_RUNEX		0	0.009733262	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0.009733262**
ROG_RUNLS		0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
ROG_STREX		0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
SO2_IDLEX		0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
SO2_RUNEX		0	0.001812673	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0.001812673**
SO2_STREX		0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
TOG_DIURN	1.0016	0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
TOG_HTSK	1.0016	0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
TOG_IDLEX	1.0016	0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
TOG_RESTL	1.0016	0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
TOG_RUNEX	1.0016	0	0.011080672	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0.011080672**
TOG_RUNLS	1.0016	0	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**
TOG_STREX	1.0016	0.00000000	0	0	432512.5195	4947.44779	13543.75031	0	184047.8509	0	0	23222.968	0	**0**

LDT1 CalEEMod Emission Rate Worksheet

Vehicle Class: LDT1

Pollutant	Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	LDT1 Gas	LDT1 DSL	LDT1 Elec	LDT1 Gas	LDT1 DSL	LDT1 Elec	LDT1 Gas	LDT1 DSL	LDT1 Elec	
CH4_IDLEX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
CH4_RUNEX		0	0.00698933	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.00698933**
CH4_STREX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
CO_IDLEX	1.0065	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
CO_RUNEX	1.0065	0	1.00113976	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**1.00113976**
CO_STREX	1.0065	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
CO2_NBIO_IDLEX	1.0309	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
CO2_NBIO_RUNEX	1.0309	0	402.4588327	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**402.4588327**
CO2_NBIO_STREX	1.0309	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
NOX_IDLEX	1.0018	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
NOX_RUNEX	1.0018	0	0.900778002	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.900778002**
NOX_STREX	1.0018	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
PM10_IDLEX	1.0074	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
PM10_PMBW		0	0.036750011	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.008000002**
PM10_RUNEX	1.0074	0	0.110807313	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.110807313**
PM10_STREX	1.0074	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
PM25_IDLEX	1.0074	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
PM25_PMBW		0	0.015750005	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.002000001**
PM25_RUNEX	1.0074	0	0.106013838	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.106013838**
PM25_STREX	1.0074	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
ROG_DIURN		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
ROG_HTSK		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
ROG_IDLEX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
ROG_RESTL		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
ROG_RUNEX		0	0.150476165	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.150476165**
ROG_RUNLS		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
ROG_STREX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
SO2_IDLEX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
SO2_RUNEX		0	0.003804683	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.003804683**
SO2_STREX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
TOG_DIURN	1.0016	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
TOG_HTSK	1.0016	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
TOG_IDLEX	1.0016	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
TOG_RESTL	1.0016	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
TOG_RUNEX	1.0016	0	0.17130711	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.17130711**
TOG_RUNLS	1.0016	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
TOG_STREX	1.0016	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
CH4_IDLEX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
CH4_RUNEX		0	0.00698933	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.00698933**
CH4_STREX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
CO_IDLEX	1.0065	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
CO_RUNEX	1.0065	0	1.00113976	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**1.00113976**
CO_STREX	1.0065	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
CO2_NBIO_IDLEX	1.0309	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
CO2_NBIO_RUNEX	1.0309	0	402.4588327	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**402.4588327**
CO2_NBIO_STREX	1.0309	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
NOX_IDLEX	1.0018	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
NOX_RUNEX	1.0018	0	0.86646529	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.86646529**
NOX_STREX	1.0018	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
PM10_IDLEX	1.0074	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
PM10_PMBW		0	0.036750011	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.008000002**
PM10_RUNEX	1.0074	0	0.110807313	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.110807313**
PM10_STREX	1.0074	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
PM25_IDLEX	1.0074	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
PM25_PMBW		0	0.015750005	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.002000001**
PM25_RUNEX	1.0074	0	0.106013838	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.106013838**
PM25_STREX	1.0074	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
ROG_DIURN		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
ROG_HTSK		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
ROG_IDLEX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
ROG_RESTL		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
ROG_RUNEX		0	0.150476165	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.150476165**
ROG_RUNLS		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
ROG_STREX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
SO2_IDLEX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
SO2_RUNEX		0	0.003804683	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.003804683**
SO2_STREX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
TOG_DIURN	1.0016	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
TOG_HTSK	1.0016	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
TOG_IDLEX	1.0016	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
TOG_RESTL	1.0016	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
TOG_RUNEX	1.0016	0	0.17130711	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.17130711**
TOG_RUNLS	1.0016	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
TOG_STREX	1.0016	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**

CH4_IDLEX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
CH4_RUNEX		0	0.00698933	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.00698933**
CH4_STREX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
CO_IDLEX	1.0065	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
CO_RUNEX	1.0065	0	1.00113976	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**1.00113976**
CO_STREX	1.0065	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
CO2_NBIO_IDLEX	1.0309	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
CO2_NBIO_RUNEX	1.0309	0	402.4588327	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**402.4588327**
CO2_NBIO_STREX	1.0309	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
NOX_IDLEX	1.0018	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
NOX_RUNEX	1.0018	0	0.913930126	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.913930126**
NOX_STREX	1.0018	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
PM10_IDLEX	1.0074	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
PM10_PMBW		0	0.036750011	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.008000002**
PM10_RUNEX	1.0074	0	0.110807313	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.110807313**
PM10_STREX	1.0074	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
PM25_IDLEX	1.0074	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
PM25_PMBW		0	0.015750005	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.002000001**
PM25_RUNEX	1.0074	0	0.106013838	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.106013838**
PM25_STREX	1.0074	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
ROG_DIURN		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
ROG_HTSK		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
ROG_IDLEX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
ROG_RESTL		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
ROG_RUNEX		0	0.150476165	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.150476165**
ROG_RUNLS		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
ROG_STREX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
SO2_IDLEX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
SO2_RUNEX		0	0.003804683	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.003804683**
SO2_STREX		0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
TOG_DIURN	1.0016	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
TOG_HTSK	1.0016	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
TOG_IDLEX	1.0016	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
TOG_RESTL	1.0016	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
TOG_RUNEX	1.0016	0	0.17130711	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0.17130711**
TOG_RUNLS	1.0016	0	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**
TOG_STREX	1.0016	0.00000000	0	0	0	19.97034247	0	0	347.5813181	0	0	66.06051022	0	**0**

LDT2 CalEEMod Emission Rate Worksheet

Vehicle Class: LDT2

Pollutant	Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	LDT2 Gas	LDT2 DSL	LDT2 Elec	LDT2 Gas	LDT2 DSL	LDT2 Elec	LDT2 Gas	LDT2 DSL	LDT2 Elec	
CH4_IDLEX		0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
CH4_RUNEX		0	0.000601172	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.000601172**
CH4_STREX		0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
CO_IDLEX	1.0065	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
CO_RUNEX	1.0065	0	0.125218391	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.125218391**
CO_STREX	1.0065	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
CO2_NBIO_IDLEX	1.0309	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
CO2_NBIO_RUNEX	1.0309	0	262.1345782	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**262.1345782**
CO2_NBIO_STREX	1.0309	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
NOX_IDLEX	1.0018	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
NOX_RUNEX	1.0018	0	0.032253068	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.032253068**
NOX_STREX	1.0018	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
PM10_IDLEX	1.0074	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
PM10_PMBW		0	0.036750011	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.008000002**
PM10_RUNEX	1.0074	0	0.004291476	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.004291476**
PM10_STREX	1.0074	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
PM25_IDLEX	1.0074	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
PM25_PMBW		0	0.015750005	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.002000001**
PM25_RUNEX	1.0074	0	0.004105828	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.004105828**
PM25_STREX	1.0074	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
ROG_DIURN		0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
ROG_HTSK		0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
ROG_IDLEX		0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
ROG_RESTL		0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
ROG_RUNEX		0	0.01294288	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.01294288**
ROG_RUNLS		0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
ROG_STREX		0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
SO2_IDLEX		0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
SO2_RUNEX		0	0.002478114	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.002478114**
SO2_STREX		0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
TOG_DIURN	1.0016	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
TOG_HTSK	1.0016	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
TOG_IDLEX	1.0016	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
TOG_RESTL	1.0016	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
TOG_RUNEX	1.0016	0	0.014734608	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.014734608**
TOG_RUNLS	1.0016	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
TOG_STREX	1.0016	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
CH4_IDLEX		0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
CH4_RUNEX		0	0.000601172	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.000601172**
CH4_STREX		0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
CO_IDLEX	1.0065	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
CO_RUNEX	1.0065	0	0.125218391	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.125218391**
CO_STREX	1.0065	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
CO2_NBIO_IDLEX	1.0309	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
CO2_NBIO_RUNEX	1.0309	0	262.1345782	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**262.1345782**
CO2_NBIO_STREX	1.0309	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
NOX_IDLEX	1.0018	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
NOX_RUNEX	1.0018	0	0.031021039	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.031021039**
NOX_STREX	1.0018	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
PM10_IDLEX	1.0074	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
PM10_PMBW		0	0.036750011	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.008000002**
PM10_RUNEX	1.0074	0	0.004291476	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.004291476**
PM10_STREX	1.0074	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
PM25_IDLEX	1.0074	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
PM25_PMBW		0	0.015750005	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.002000001**
PM25_RUNEX	1.0074	0	0.004105828	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.004105828**
PM25_STREX	1.0074	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
ROG_DIURN		0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
ROG_HTSK		0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
ROG_IDLEX		0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
ROG_RESTL		0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
ROG_RUNEX		0	0.01294288	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.01294288**
ROG_RUNLS		0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
ROG_STREX		0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
SO2_IDLEX		0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
SO2_RUNEX		0	0.002478114	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.002478114**
SO2_STREX		0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
TOG_DIURN	1.0016	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
TOG_HTSK	1.0016	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
TOG_IDLEX	1.0016	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
TOG_RESTL	1.0016	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
TOG_RUNEX	1.0016	0	0.014734608	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0.014734608**
TOG_RUNLS	1.0016	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**
TOG_STREX	1.0016	0	0	0	0	1090.095124	0	0	44454.44844	0	0	5262.725049	0	**0**

CH4_IDLEX		0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
CH4_RUNEX		0	0.000601172	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0.000601172**
CH4_STREX		0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
CO_IDLEX	1.0065	0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
CO_RUNEX	1.0065	0	0.125218391	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0.125218391**
CO_STREX	1.0065	0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
CO2_NBIO_IDLEX	1.0309	0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
CO2_NBIO_RUNEX	1.0309	0	262.1345782	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**262.1345782**
CO2_NBIO_STREX	1.0309	0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
NOX_IDLEX	1.0018	0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
NOX_RUNEX	1.0018	0	0.032728023	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0.032728023**
NOX_STREX	1.0018	0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
PM10_IDLEX	1.0074	0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
PM10_PMBW		0	0.036750011	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0.008000002**
PM10_RUNEX	1.0074	0	0.004291476	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0.004291476**
PM10_STREX	1.0074	0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
PM25_IDLEX	1.0074	0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
PM25_PMBW		0	0.015750005	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0.002000001**
PM25_RUNEX	1.0074	0	0.004105828	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0.004105828**
PM25_STREX	1.0074	0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
ROG_DIURN		0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
ROG_HTSK		0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
ROG_IDLEX		0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
ROG_RESTL		0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
ROG_RUNEX		0	0.01294288	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0.01294288**
ROG_RUNLS		0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
ROG_STREX		0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
SO2_IDLEX		0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
SO2_RUNEX		0	0.002478114	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0.002478114**
SO2_STREX		0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
TOG_DIURN	1.0016	0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
TOG_HTSK	1.0016	0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
TOG_IDLEX	1.0016	0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
TOG_RESTL	1.0016	0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
TOG_RUNEX	1.0016	0	0.014734608	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0.014734608**
TOG_RUNLS	1.0016	0	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**
TOG_STREX	1.0016	0.00000000	0	0	139344.1402	1090.095124	2196.13773	0	44454.44844	0	0	5262.725049	0	**0**

MDV CalEEMod Emission Rate Worksheet

Vehicle Class: MDV

Pollutant	Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission
		Gas	DSL	ELEC	MDV Gas	MDV DSL	MDV Elec	MDV Gas	MDV DSL	MDV Elec	MDV Gas	MDV DSL	MDV Elec	Rate
CH4_IDLEX		0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
CH4_RUNEX		0	0.000421641	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.000421641**
CH4_STREX		0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
CO_IDLEX	1.0065	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
CO_RUNEX	1.0065	0	0.180474075	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.180474075**
CO_STREX	1.0065	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
CO2_NBIO_IDLEX	1.0309	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
CO2_NBIO_RUNEX	1.0309	0	344.5008332	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**344.5008332**
CO2_NBIO_STREX	1.0309	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
NOX_IDLEX	1.0018	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
NOX_RUNEX	1.0018	0	0.034128715	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.034128715**
NOX_STREX	1.0018	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
PM10_IDLEX	1.0074	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
PM10_PMBW		0	0.036750011	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.008000002**
PM10_RUNEX	1.0074	0	0.003839889	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.003839889**
PM10_STREX	1.0074	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
PM25_IDLEX	1.0074	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
PM25_PMBW		0	0.015750005	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.002000001**
PM25_RUNEX	1.0074	0	0.003673777	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.003673777**
PM25_STREX	1.0074	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
ROG_DIURN		0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
ROG_HTSK		0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
ROG_IDLEX		0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
ROG_RESTL		0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
ROG_RUNEX		0	0.009077676	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.009077676**
ROG_RUNLS		0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
ROG_STREX		0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
SO2_IDLEX		0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
SO2_RUNEX		0	0.003256772	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.003256772**
SO2_STREX		0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
TOG_DIURN	1.0016	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
TOG_HTSK	1.0016	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
TOG_IDLEX	1.0016	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
TOG_RESTL	1.0016	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
TOG_RUNEX	1.0016	0	0.01033433	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.01033433**
TOG_RUNLS	1.0016	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
TOG_STREX	1.0016	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
CH4_IDLEX		0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
CH4_RUNEX		0	0.000421641	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.000421641**
CH4_STREX		0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
CO_IDLEX	1.0065	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
CO_RUNEX	1.0065	0	0.180474075	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.180474075**
CO_STREX	1.0065	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
CO2_NBIO_IDLEX	1.0309	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
CO2_NBIO_RUNEX	1.0309	0	344.5008332	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**344.5008332**
CO2_NBIO_STREX	1.0309	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
NOX_IDLEX	1.0018	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
NOX_RUNEX	1.0018	0	0.032826325	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.032826325**
NOX_STREX	1.0018	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
PM10_IDLEX	1.0074	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
PM10_PMBW		0	0.036750011	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.008000002**
PM10_RUNEX	1.0074	0	0.003839889	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.003839889**
PM10_STREX	1.0074	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
PM25_IDLEX	1.0074	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
PM25_PMBW		0	0.015750005	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.002000001**
PM25_RUNEX	1.0074	0	0.003673777	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.003673777**
PM25_STREX	1.0074	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
ROG_DIURN		0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
ROG_HTSK		0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
ROG_IDLEX		0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
ROG_RESTL		0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
ROG_RUNEX		0	0.009077676	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.009077676**
ROG_RUNLS		0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
ROG_STREX		0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
SO2_IDLEX		0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
SO2_RUNEX		0	0.003256772	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.003256772**
SO2_STREX		0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
TOG_DIURN	1.0016	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
TOG_HTSK	1.0016	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
TOG_IDLEX	1.0016	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
TOG_RESTL	1.0016	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
TOG_RUNEX	1.0016	0	0.01033433	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0.01033433**
TOG_RUNLS	1.0016	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**
TOG_STREX	1.0016	0	0	0	0	2524.87075	0	0	97966.13182	0	0	12075.1883	0	**0**

CH4_IDLEX		0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
CH4_RUNEX		0	0.000421641	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0.000421641**
CH4_STREX		0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
CO_IDLEX	1.0065	0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
CO_RUNEX	1.0065	0	0.180474075	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0.180474075**
CO_STREX	1.0065	0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
CO2_NBIO_IDLEX	1.0309	0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
CO2_NBIO_RUNEX	1.0309	0	344.5008332	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**344.5008332**
CO2_NBIO_STREX	1.0309	0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
NOX_IDLEX	1.0018	0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
NOX_RUNEX	1.0018	0	0.03462978	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0.03462978**
NOX_STREX	1.0018	0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
PM10_IDLEX	1.0074	0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
PM10_PMBW		0	0.036750011	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0.008000002**
PM10_RUNEX	1.0074	0	0.003839889	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0.003839889**
PM10_STREX	1.0074	0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
PM25_IDLEX	1.0074	0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
PM25_PMBW		0	0.015750005	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0.002000001**
PM25_RUNEX	1.0074	0	0.003673777	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0.003673777**
PM25_STREX	1.0074	0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
ROG_DIURN		0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
ROG_HTSK		0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
ROG_IDLEX		0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
ROG_RESTL		0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
ROG_RUNEX		0	0.009077676	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0.009077676**
ROG_RUNLS		0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
ROG_STREX		0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
SO2_IDLEX		0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
SO2_RUNEX		0	0.003256772	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0.003256772**
SO2_STREX		0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
TOG_DIURN	1.0016	0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
TOG_HTSK	1.0016	0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
TOG_IDLEX	1.0016	0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
TOG_RESTL	1.0016	0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
TOG_RUNEX	1.0016	0	0.01033433	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0.01033433**
TOG_RUNLS	1.0016	0	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**
TOG_STREX	1.0016	0.00000000	0	0	96443.77037	2524.87075	1331.4009	0	97966.13182	0	0	12075.1883	0	**0**

LDH1 CalEEMod Emission Rate Worksheet

Vehicle Class: LHDT1

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	ELEC	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	Rate
CH4_IDLEX	0	0.005098128	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.000405297**
CH4_RUNEX	0	0.007435485	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.007435485**
CH4_STREX	0	0	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
CO_IDLEX	0	0.909745076	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.072324011**
CO_RUNEX	0	0.718803693	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.718803693**
CO_STREX	0	0	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
CO2_NBIO_IDLEX	0	131.2954383	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**10.43788308**
CO2_NBIO_RUNEX	0	533.3014037	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**533.3014037**
CO2_NBIO_STREX	0	0	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
NOX_IDLEX	0	1.945581701	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.1546722**
NOX_RUNEX	0	1.560116212	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**1.560116212**
NOX_STREX	0	0	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
PM10_IDLEX	0	0.027554192	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.002190536**
PM10_PMBW	0	0.076440022	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.076440022**
PM10_PMTW	0	0.012000003	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.012000003**
PM10_RUNEX	0	0.022458877	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.022458877**
PM10_STREX	0	0	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
PM25_IDLEX	0	0.02636221	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.002095775**
PM25_PMBW	0	0.032760009	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.032760009**
PM25_PMTW	0	0.003000001	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.003000001**
PM25_RUNEX	0	0.021487316	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.021487316**
PM25_STREX	0	0	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
ROG_DIURN	0	0	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
ROG_HTSK	0	0	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
ROG_IDLEX	0	0.109759705	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.008725809**
ROG_RESTL	0	0	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
ROG_RUNEX	0	0.160081618	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.160081618**
ROG_RUNLS	0	0	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
ROG_STREX	0	0	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
SO2_IDLEX	0	0.001241214	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**9.86755E-05**
SO2_RUNEX	0	0.005041616	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.005041616**
SO2_STREX	0	0	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
TOG_DIURN	0	0	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
TOG_HTSK	0	0	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
TOG_IDLEX	0	0.124954127	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.009933754**
TOG_RESTL	0	0	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
TOG_RUNEX	0	0.182242279	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.182242279**
TOG_RUNLS	0	0	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
TOG_STREX	0	0	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
CH4_IDLEX	0	0.005098128	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.000405297**
CH4_RUNEX	0	0.007435485	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.007435485**
CH4_STREX	0	0	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
CO_IDLEX	0	0.909745076	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.072324011**
CO_RUNEX	0	0.718803693	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.718803693**
CO_STREX	0	0	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
CO2_NBIO_IDLEX	0	131.2954383	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**10.43788308**
CO2_NBIO_RUNEX	0	533.3014037	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**533.3014037**
CO2_NBIO_STREX	0	0	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
NOX_IDLEX	0	1.945581701	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.1546722**
NOX_RUNEX	0	1.505845223	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**1.505845223**
NOX_STREX	0	0	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
PM10_IDLEX	0	0.027554192	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.002190536**
PM10_PMBW	0	0.076440022	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.076440022**
PM10_PMTW	0	0.012000003	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.012000003**
PM10_RUNEX	0	0.022458877	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.022458877**
PM10_STREX	0	0	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
PM25_IDLEX	0	0.02636221	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.002095775**
PM25_PMBW	0	0.032760009	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.032760009**
PM25_PMTW	0	0.003000001	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.003000001**
PM25_RUNEX	0	0.021487316	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.021487316**
PM25_STREX	0	0	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
ROG_DIURN	0	0	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
ROG_HTSK	0	0	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
ROG_IDLEX	0	0.109759705	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.008725809**
ROG_RESTL	0	0	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
ROG_RUNEX	0	0.160081618	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.160081618**
ROG_RUNLS	0	0	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
ROG_STREX	0	0	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
SO2_IDLEX	0	0.001241214	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**9.86755E-05**
SO2_RUNEX	0	0.005041616	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.005041616**
SO2_STREX	0	0	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
TOG_DIURN	0	0	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
TOG_HTSK	0	0	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
TOG_IDLEX	0	0.124954127	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.009933754**
TOG_RESTL	0	0	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
TOG_RUNEX	0	0.182242279	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.182242279**
TOG_RUNLS	0	0	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
TOG_STREX	0	0	0	0	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**

CH4_IDLEX	0	0.005098128	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.000405297**
CH4_RUNEX	0	0.007435485	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.007435485**
CH4_STREX	0	0	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
CO_IDLEX	0	0.909745076	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.072324011**
CO_RUNEX	0	0.718803693	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.718803693**
CO_STREX	0	0	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
CO2_NBIO_IDLEX	0	131.2954383	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**10.43788308**
CO2_NBIO_RUNEX	0	533.3014037	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**533.3014037**
CO2_NBIO_STREX	0	0	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
NOX_IDLEX	0	1.945581701	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.1546722**
NOX_RUNEX	0	1.582529956	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**1.582529956**
NOX_STREX	0	0	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
PM10_IDLEX	0	0.027554192	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.002190536**
PM10_PMBW	0	0.076440022	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.076440022**
PM10_PMTW	0	0.012000003	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.012000003**
PM10_RUNEX	0	0.022458877	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.022458877**
PM10_STREX	0	0	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
PM25_IDLEX	0	0.02636221	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.002095775**
PM25_PMBW	0	0.032760009	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.032760009**
PM25_PMTW	0	0.003000001	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.003000001**
PM25_RUNEX	0	0.021487316	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.021487316**
PM25_STREX	0	0	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
ROG_DIURN	0	0	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
ROG_HTSK	0	0	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
ROG_IDLEX	0	0.109759705	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.008725809**
ROG_RESTL	0	0	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
ROG_RUNEX	0	0.160081618	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.160081618**
ROG_RUNLS	0	0	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
ROG_STREX	0	0	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
SO2_IDLEX	0	0.001241214	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**9.86755E-05**
SO2_RUNEX	0	0.005041616	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.005041616**
SO2_STREX	0	0	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
TOG_DIURN	0	0	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
TOG_HTSK	0	0	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
TOG_IDLEX	0	0.124954127	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.009933754**
TOG_RESTL	0	0	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
TOG_RUNEX	0	0.182242279	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0.182242279**
TOG_RUNLS	0	0	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**
TOG_STREX	0	0	0	9932.084038	8768.224716	0	0	316516.1606	0	0	110293.2365	0	**0**

LDH2 CalEEMod Emission Rate Worksheet

Vehicle Class: LHDT2

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	ELEC	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	Rate
CH4_IDLEX	0	0.005098128	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.000405297**
CH4_RUNEX	0	0.006897399	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.006897399**
CH4_STREX	0	0	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
CO_IDLEX	0	0.909745076	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.072324011**
CO_RUNEX	0	0.667362056	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.667362056**
CO_STREX	0	0	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
CO2_NBIO_IDLEX	0	209.3334972	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**16.64184679**
CO2_NBIO_RUNEX	0	594.8351832	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**594.8351832**
CO2_NBIO_STREX	0	0	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
NOX_IDLEX	0	1.879035557	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.149381835**
NOX_RUNEX	0	1.162032381	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**1.162032381**
NOX_STREX	0	0	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
PM10_IDLEX	0	0.027829692	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.002212438**
PM10_PMBW	0	0.089180026	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.089180026**
PM10_PMTW	0	0.012000003	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.012000003**
PM10_RUNEX	0	0.022729912	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.022729912**
PM10_STREX	0	0	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
PM25_IDLEX	0	0.026625792	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.002116729**
PM25_PMBW	0	0.038220011	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.038220011**
PM25_PMTW	0	0.003000001	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.003000001**
PM25_RUNEX	0	0.021746626	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.021746626**
PM25_STREX	0	0	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
ROG_DIURN	0	0	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
ROG_HTSK	0	0	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
ROG_IDLEX	0	0.109759705	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.008725809**
ROG_RESTL	0	0	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
ROG_RUNEX	0	0.148496932	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.148496932**
ROG_RUNLS	0	0	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
ROG_STREX	0	0	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
SO2_IDLEX	0	0.001978954	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.000157325**
SO2_RUNEX	0	0.005623332	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.005623332**
SO2_STREX	0	0	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
TOG_DIURN	0	0	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
TOG_HTSK	0	0	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
TOG_IDLEX	0	0.124954127	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.009933754**
TOG_RESTL	0	0	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
TOG_RUNEX	0	0.169053885	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.169053885**
TOG_RUNLS	0	0	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
TOG_STREX	0	0	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
CH4_IDLEX	0	0.005098128	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.000405297**
CH4_RUNEX	0	0.006897399	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.006897399**
CH4_STREX	0	0	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
CO_IDLEX	0	0.909745076	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.072324011**
CO_RUNEX	0	0.667362056	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.667362056**
CO_STREX	0	0	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
CO2_NBIO_IDLEX	0	209.3334972	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**16.64184679**
CO2_NBIO_RUNEX	0	594.8351832	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**594.8351832**
CO2_NBIO_STREX	0	0	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
NOX_IDLEX	0	1.879035557	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.149381835**
NOX_RUNEX	0	1.121897093	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**1.121897093**
NOX_STREX	0	0	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
PM10_IDLEX	0	0.027829692	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.002212438**
PM10_PMBW	0	0.089180026	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.089180026**
PM10_PMTW	0	0.012000003	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.012000003**
PM10_RUNEX	0	0.022729912	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.022729912**
PM10_STREX	0	0	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
PM25_IDLEX	0	0.026625792	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.002116729**
PM25_PMBW	0	0.038220011	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.038220011**
PM25_PMTW	0	0.003000001	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.003000001**
PM25_RUNEX	0	0.021746626	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.021746626**
PM25_STREX	0	0	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
ROG_DIURN	0	0	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
ROG_HTSK	0	0	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
ROG_IDLEX	0	0.109759705	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.008725809**
ROG_RESTL	0	0	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
ROG_RUNEX	0	0.148496932	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.148496932**
ROG_RUNLS	0	0	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
ROG_STREX	0	0	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
SO2_IDLEX	0	0.001978954	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.000157325**
SO2_RUNEX	0	0.005623332	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.005623332**
SO2_STREX	0	0	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
TOG_DIURN	0	0	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
TOG_HTSK	0	0	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
TOG_IDLEX	0	0.124954127	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.009933754**
TOG_RESTL	0	0	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
TOG_RUNEX	0	0.169053885	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.169053885**
TOG_RUNLS	0	0	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
TOG_STREX	0	0	0	0	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**

CH4_IDLEX	0	0.005098128	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.000405297**
CH4_RUNEX	0	0.006897399	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.006897399**
CH4_STREX	0	0	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
CO_IDLEX	0	0.909745076	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.072324011**
CO_RUNEX	0	0.667362056	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.667362056**
CO_STREX	0	0	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
CO2_NBIO_IDLEX	0	209.3334972	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**16.64184679**
CO2_NBIO_RUNEX	0	594.8351832	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**594.8351832**
CO2_NBIO_STREX	0	0	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
NOX_IDLEX	0	1.879035557	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.149381835**
NOX_RUNEX	0	1.178598315	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**1.178598315**
NOX_STREX	0	0	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
PM10_IDLEX	0	0.027829692	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.002212438**
PM10_PMBW	0	0.089180026	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.089180026**
PM10_PMTW	0	0.012000003	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.012000003**
PM10_RUNEX	0	0.022729912	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.022729912**
PM10_STREX	0	0	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
PM25_IDLEX	0	0.026625792	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.002116729**
PM25_PMBW	0	0.038220011	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.038220011**
PM25_PMTW	0	0.003000001	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.003000001**
PM25_RUNEX	0	0.021746626	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.021746626**
PM25_STREX	0	0	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
ROG_DIURN	0	0	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
ROG_HTSK	0	0	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
ROG_IDLEX	0	0.109759705	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.008725809**
ROG_RESTL	0	0	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
ROG_RUNEX	0	0.148496932	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.148496932**
ROG_RUNLS	0	0	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
ROG_STREX	0	0	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
SO2_IDLEX	0	0.001978954	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.000157325**
SO2_RUNEX	0	0.005623332	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.005623332**
SO2_STREX	0	0	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
TOG_DIURN	0	0	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
TOG_HTSK	0	0	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
TOG_IDLEX	0	0.124954127	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.009933754**
TOG_RESTL	0	0	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
TOG_RUNEX	0	0.169053885	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0.169053885**
TOG_RUNLS	0	0	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**
TOG_STREX	0	0	0	1289.099861	3114.271408	0	0	113771.395	0	0	39173.61656	0	**0**

MHDT CalEEMod Emission Rate Worksheet

Vehicle Class: MHDT

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	ELEC	MHDT Gas	MHDT DSL	MHDT Elec	MHDT Gas	MHDT DSL	MHDT Elec	MHDT Gas	MHDT DSL	MHDT Elec	Rate
CH4_IDLEX	0	0.003987019	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.000420597**
CH4_RUNEX	0	0.000565445	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.000565445**
CH4_STREX	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
CO_IDLEX	0	3.041011681	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.320801189**
CO_RUNEX	0	0.119311766	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.119311766**
CO_STREX	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
CO2_NBIO_IDLEX	0	985.30617	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**103.9415247**
CO2_NBIO_RUNEX	0	995.0167561	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**995.0167561**
CO2_NBIO_STREX	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
NOX_IDLEX	0	6.43377744	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.678709479**
NOX_RUNEX	0	1.690618531	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**1.690618531**
NOX_STREX	0	2.146214495	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**2.146214495**
PM10_IDLEX	0	0.005381057	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.000567656**
PM10_PMBW	0	0.130340037	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.012000003**
PM10_RUNEX	0	0.008322247	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.008322247**
PM10_STREX	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
PM25_IDLEX	0	0.005148275	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.0005431**
PM25_PMBW	0	0.055860016	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.003000001**
PM25_RUNEX	0	0.00796223	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.00796223**
PM25_STREX	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
ROG_DIURN	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
ROG_HTSK	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
ROG_IDLEX	0	0.085839436	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.009055339**
ROG_RESTL	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
ROG_RUNEX	0	0.012173872	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.012173872**
ROG_RUNLS	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
ROG_STREX	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
SO2_IDLEX	0	0.009308684	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.000981988**
SO2_RUNEX	0	0.009400425	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.009400425**
SO2_STREX	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
TOG_DIURN	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
TOG_HTSK	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
TOG_IDLEX	0	0.097721664	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.010308815**
TOG_RESTL	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
TOG_RUNEX	0	0.013859027	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.013859027**
TOG_RUNLS	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
TOG_STREX	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
CH4_IDLEX	0	0.004144017	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.000437159**
CH4_RUNEX	0	0.000565445	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.000565445**
CH4_STREX	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
CO_IDLEX	0	2.965777337	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.312864598**
CO_RUNEX	0	0.119311766	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.119311766**
CO_STREX	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
CO2_NBIO_IDLEX	0	982.5113781	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**103.6466977**
CO2_NBIO_RUNEX	0	995.0167561	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**995.0167561**
CO2_NBIO_STREX	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
NOX_IDLEX	0	6.316656989	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.666354255**
NOX_RUNEX	0	1.627399646	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**1.627399646**
NOX_STREX	0	2.146214495	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**2.146214495**
PM10_IDLEX	0	0.00458417	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.000483591**
PM10_PMBW	0	0.130340037	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.012000003**
PM10_RUNEX	0	0.008322247	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.008322247**
PM10_STREX	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
PM25_IDLEX	0	0.004385861	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.000462671**
PM25_PMBW	0	0.055860016	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.003000001**
PM25_RUNEX	0	0.00796223	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.00796223**
PM25_STREX	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
ROG_DIURN	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
ROG_HTSK	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
ROG_IDLEX	0	0.089219545	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.009411913**
ROG_RESTL	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
ROG_RUNEX	0	0.012173872	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.012173872**
ROG_RUNLS	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
ROG_STREX	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
SO2_IDLEX	0	0.00928228	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.000979203**
SO2_RUNEX	0	0.009400425	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.009400425**
SO2_STREX	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
TOG_DIURN	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
TOG_HTSK	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
TOG_IDLEX	0	0.10156966	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.010714746**
TOG_RESTL	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
TOG_RUNEX	0	0.013859027	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.013859027**
TOG_RUNLS	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
TOG_STREX	0	0	0	0	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**

CH4_IDLEX	0	0.003770214	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.000397726**
CH4_RUNEX	0	0.000565445	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.000565445**
CH4_STREX	0	0	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
CO_IDLEX	0	3.144906727	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.331761244**
CO_RUNEX	0	0.119311766	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.119311766**
CO_STREX	0	0	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
CO2_NBIO_IDLEX	0	989.1656444	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**104.3486669**
CO2_NBIO_RUNEX	0	995.0167561	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**995.0167561**
CO2_NBIO_STREX	0	0	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
NOX_IDLEX	0	6.595515206	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.695771454**
NOX_RUNEX	0	1.716502583	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**1.716502583**
NOX_STREX	0	2.146214495	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**2.146214495**
PM10_IDLEX	0	0.006481519	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.000683746**
PM10_PMBW	0	0.130340037	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.012000003**
PM10_RUNEX	0	0.008322247	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.008322247**
PM10_STREX	0	0	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
PM25_IDLEX	0	0.006201132	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.000654167**
PM25_PMBW	0	0.055860016	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.003000001**
PM25_RUNEX	0	0.00796223	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.00796223**
PM25_STREX	0	0	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
ROG_DIURN	0	0	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
ROG_HTSK	0	0	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
ROG_IDLEX	0	0.081171667	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.008562929**
ROG_RESTL	0	0	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
ROG_RUNEX	0	0.012173872	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.012173872**
ROG_RUNLS	0	0	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
ROG_STREX	0	0	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
SO2_IDLEX	0	0.009345147	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.000985834**
SO2_RUNEX	0	0.009400425	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.009400425**
SO2_STREX	0	0	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
TOG_DIURN	0	0	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
TOG_HTSK	0	0	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
TOG_IDLEX	0	0.092407764	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.009748243**
TOG_RESTL	0	0	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
TOG_RUNEX	0	0.013859027	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0.013859027**
TOG_RUNLS	0	0	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**
TOG_STREX	0	0	0	859.457173	4911.254781	0	0	265254.236	0	0	46555.88468	0	**0**

HHDT CalEEMod Emission Rate Worksheet

Vehicle Class: HHDT

Season	Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	NG	HHDT Gas	HHDT DSL	HHDT NG	HHDT Gas	HHDT DSL	HHDT NG	HHDT Gas	HHDT DSL	HHDT NG	
Annual	CH4_IDLEX	0	0.210172643	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.019952173**
Annual	CH4_RUNEX	0	0.001116295	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.001116295**
Annual	CH4_STREX	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
Annual	CO_IDLEX	0	66.12232042	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**6.277144269**
Annual	CO_RUNEX	0	0.24002386	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.24002386**
Annual	CO_STREX	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
Annual	CO2_NBIO_IDLEX	0	10751.91388	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**1020.703964**
Annual	CO2_NBIO_RUNEX	0	1357.398504	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**1357.398504**
Annual	CO2_NBIO_STREX	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
Annual	NOX_IDLEX	0	55.86535384	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**5.303426793**
Annual	NOX_RUNEX	0	2.670473831	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**2.670473831**
Annual	NOX_STREX	0	2.397819381	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**2.397819381**
Annual	PM10_IDLEX	0	0.026278213	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.002494651**
Annual	PM10_PMBW	0	0.060848023	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.060848023**
Annual	PM10_PMTW	0	0.035479897	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.035479897**
Annual	PM10_RUNEX	0	0.025108028	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.025108028**
Annual	PM10_STREX	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
Annual	PM25_IDLEX	0	0.025141429	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.002386734**
Annual	PM25_PMBW	0	0.026077724	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.026077724**
Annual	PM25_PMTW	0	0.008869974	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.008869974**
Annual	PM25_RUNEX	0	0.024021866	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.024021866**
Annual	PM25_STREX	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
Annual	ROG_DIURN	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
Annual	ROG_HTSK	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
Annual	ROG_IDLEX	0	4.524959362	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.429564821**
Annual	ROG_RESTL	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
Annual	ROG_RUNEX	0	0.024033526	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.024033526**
Annual	ROG_RUNLS	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
Annual	ROG_STREX	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
Annual	SO2_IDLEX	0	0.101578751	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.009643105**
Annual	SO2_RUNEX	0	0.012824028	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.012824028**
Annual	SO2_STREX	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
Annual	TOG_DIURN	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
Annual	TOG_HTSK	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
Annual	TOG_IDLEX	0	5.151321788	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.48902685**
Annual	TOG_RESTL	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
Annual	TOG_RUNEX	0	0.02736034	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.02736034**
Annual	TOG_RUNLS	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
Annual	TOG_STREX	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
Summer	CH4_IDLEX	0	0.222356014	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.021108769**
Summer	CH4_RUNEX	0	0.001116295	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.001116295**
Summer	CH4_STREX	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
Summer	CO_IDLEX	0	65.19735788	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**6.189335443**
Summer	CO_RUNEX	0	0.24002386	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.24002386**
Summer	CO_STREX	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
Summer	CO2_NBIO_IDLEX	0	10627.78723	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**1008.920336**
Summer	CO2_NBIO_RUNEX	0	1357.398504	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**1357.398504**
Summer	CO2_NBIO_STREX	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
Summer	NOX_IDLEX	0	53.35775983	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**5.065375114**
Summer	NOX_RUNEX	0	2.574020724	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**2.574020724**
Summer	NOX_STREX	0	2.397819381	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**2.397819381**
Summer	PM10_IDLEX	0	0.023022669	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.002185595**
Summer	PM10_PMBW	0	0.060848023	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.060848023**
Summer	PM10_PMTW	0	0.035479897	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.035479897**
Summer	PM10_RUNEX	0	0.025108028	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.025108028**
Summer	PM10_STREX	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
Summer	PM25_IDLEX	0	0.022026719	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.002091047**
Summer	PM25_PMBW	0	0.026077724	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.026077724**
Summer	PM25_PMTW	0	0.008869974	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.008869974**
Summer	PM25_RUNEX	0	0.024021866	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.024021866**
Summer	PM25_STREX	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
Summer	ROG_DIURN	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
Summer	ROG_HTSK	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
Summer	ROG_IDLEX	0	4.787264008	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.454466005**
Summer	ROG_RESTL	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
Summer	ROG_RUNEX	0	0.024033526	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.024033526**
Summer	ROG_RUNLS	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
Summer	ROG_STREX	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
Summer	SO2_IDLEX	0	0.100406064	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.009531779**
Summer	SO2_RUNEX	0	0.012824028	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.012824028**
Summer	SO2_STREX	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
Summer	TOG_DIURN	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
Summer	TOG_HTSK	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
Summer	TOG_IDLEX	0	5.44993566	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.517374953**
Summer	TOG_RESTL	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
Summer	TOG_RUNEX	0	0.02736034	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0.02736034**
Summer	TOG_RUNLS	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**
Summer	TOG_STREX	0	0	0	0	5484.004424	0	0	658005.2395	0	0	57767.52647	0	**0**

Winter	CH4_IDLEX	0	0.193347987	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0.01835497**
Winter	CH4_RUNEX	0	0.001116295	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0.001116295**
Winter	CH4_STREX	0	0	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0**
Winter	CO_IDLEX	0	67.39964965	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**6.398404077**
Winter	CO_RUNEX	0	0.24002386	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0.24002386**
Winter	CO_STREX	0	0	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0**
Winter	CO2_NBIO_IDLEX	0	10923.32686	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**1036.976594**
Winter	CO2_NBIO_RUNEX	0	1357.398504	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**1357.398504**
Winter	CO2_NBIO_STREX	0	0	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0**
Winter	NOX_IDLEX	0	59.32822176	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**5.632164825**
Winter	NOX_RUNEX	0	2.711815903	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**2.711815903**
Winter	NOX_STREX	0	2.397819381	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**2.397819381**
Winter	PM10_IDLEX	0	0.030773964	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0.002921443**
Winter	PM10_PMBW	0	0.060848023	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0.060848023**
Winter	PM10_PMTW	0	0.035479897	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0.035479897**
Winter	PM10_RUNEX	0	0.025108028	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0.025108028**
Winter	PM10_STREX	0	0	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0**
Winter	PM25_IDLEX	0	0.029442696	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0.002795063**
Winter	PM25_PMBW	0	0.026077724	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0.026077724**
Winter	PM25_PMTW	0	0.008869974	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0.008869974**
Winter	PM25_RUNEX	0	0.024021866	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0.024021866**
Winter	PM25_STREX	0	0	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0**
Winter	ROG_DIURN	0	0	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0**
Winter	ROG_HTSK	0	0	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0**
Winter	ROG_IDLEX	0	4.162729136	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0.395177471**
Winter	ROG_RESTL	0	0	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0**
Winter	ROG_RUNEX	0	0.024033526	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0.024033526**
Winter	ROG_RUNLS	0	0	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0**
Winter	ROG_STREX	0	0	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0**
Winter	SO2_IDLEX	0	0.103198176	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0.009796841**
Winter	SO2_RUNEX	0	0.012824028	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0.012824028**
Winter	SO2_STREX	0	0	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0**
Winter	TOG_DIURN	0	0	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0**
Winter	TOG_HTSK	0	0	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0**
Winter	TOG_IDLEX	0	4.738950249	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0.449879469**
Winter	TOG_RESTL	0	0	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0**
Winter	TOG_RUNEX	0	0.02736034	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0.02736034**
Winter	TOG_RUNLS	0	0	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0**
Winter	TOG_STREX	0	0	0	2.663508868	5484.004424	226.7691777	0	658005.2395	0	0	57767.52647	0	**0**

OBUS CalEEMod Emission Rate Worksheet

Vehicle Class: OBUS

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	OBUS Gas	OBUS DSL	OBUS NG	OBUS Gas	OBUS DSL	OBUS NG	OBUS Gas	OBUS DSL	OBUS NG	Rate
CH4_IDLEX	0	0.041295797	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.004248725**
CH4_RUNEX	0	0.000616231	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.000616231**
CH4_STREX	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
CO_IDLEX	0	14.20756398	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**1.461747698**
CO_RUNEX	0	0.145808585	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.145808585**
CO_STREX	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
CO2_NBIO_IDLEX	0	2639.598809	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**271.5755839**
CO2_NBIO_RUNEX	0	1167.166085	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**1167.166085**
CO2_NBIO_STREX	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
NOX_IDLEX	0	12.29515605	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**1.264989275**
NOX_RUNEX	0	1.887624122	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**1.887624122**
NOX_STREX	0	2.213442092	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**2.213442092**
PM10_IDLEX	0	0.004179589	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.000430018**
PM10_PMBW	0	0.130340037	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.012000003**
PM10_RUNEX	0	0.012261272	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.012261272**
PM10_STREX	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
PM25_IDLEX	0	0.003998782	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.000411415**
PM25_PMBW	0	0.055860016	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.003000001**
PM25_RUNEX	0	0.011730855	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.011730855**
PM25_STREX	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
ROG_DIURN	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
ROG_HTSK	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
ROG_IDLEX	0	0.889087187	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.09147389**
ROG_RESTL	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
ROG_RUNEX	0	0.013267287	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.013267287**
ROG_RUNLS	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
ROG_STREX	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
SO2_IDLEX	0	0.024937621	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.002565711**
SO2_RUNEX	0	0.011026806	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.011026806**
SO2_STREX	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
TOG_DIURN	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
TOG_HTSK	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
TOG_IDLEX	0	1.012158084	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.104136061**
TOG_RESTL	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
TOG_RUNEX	0	0.015103796	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.015103796**
TOG_RUNLS	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
TOG_STREX	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
CH4_IDLEX	0	0.04377222	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.004503513**
CH4_RUNEX	0	0.000616231	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.000616231**
CH4_STREX	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
CO_IDLEX	0	14.02271134	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**1.442729102**
CO_RUNEX	0	0.145808585	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.145808585**
CO_STREX	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
CO2_NBIO_IDLEX	0	2604.073906	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**267.920598**
CO2_NBIO_RUNEX	0	1167.166085	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**1167.166085**
CO2_NBIO_STREX	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
NOX_IDLEX	0	11.67953768	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**1.201651271**
NOX_RUNEX	0	1.818081176	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**1.818081176**
NOX_STREX	0	2.213442092	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**2.213442092**
PM10_IDLEX	0	0.003713847	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.0003821**
PM10_PMBW	0	0.130340037	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.012000003**
PM10_RUNEX	0	0.012261272	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.012261272**
PM10_STREX	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
PM25_IDLEX	0	0.003553187	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.00036557**
PM25_PMBW	0	0.055860016	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.003000001**
PM25_RUNEX	0	0.011730855	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.011730855**
PM25_STREX	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
ROG_DIURN	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
ROG_HTSK	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
ROG_IDLEX	0	0.9424039	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.09695939**
ROG_RESTL	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
ROG_RUNEX	0	0.013267287	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.013267287**
ROG_RUNLS	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
ROG_STREX	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
SO2_IDLEX	0	0.024601999	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.002531181**
SO2_RUNEX	0	0.011026806	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.011026806**
SO2_STREX	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
TOG_DIURN	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
TOG_HTSK	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
TOG_IDLEX	0	1.072855103	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.110380884**
TOG_RESTL	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
TOG_RUNEX	0	0.015103796	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.015103796**
TOG_RUNLS	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
TOG_STREX	0	0	0	0	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**

CH4_IDLEX	0	0.037875975	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.003896876**
CH4_RUNEX	0	0.000616231	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.000616231**
CH4_STREX	0	0	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
CO_IDLEX	0	14.46283667	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**1.488011474**
CO_RUNEX	0	0.145808585	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.145808585**
CO_STREX	0	0	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
CO2_NBIO_IDLEX	0	2688.657008	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**276.6229453**
CO2_NBIO_RUNEX	0	1167.166085	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**1167.166085**
CO2_NBIO_STREX	0	0	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
NOX_IDLEX	0	13.1452957	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**1.352456042**
NOX_RUNEX	0	1.916432736	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**1.916432736**
NOX_STREX	0	2.213442092	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**2.213442092**
PM10_IDLEX	0	0.004822758	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.00049619**
PM10_PMBW	0	0.130340037	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.012000003**
PM10_RUNEX	0	0.012261272	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.012261272**
PM10_STREX	0	0	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
PM25_IDLEX	0	0.004614127	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.000474725**
PM25_PMBW	0	0.055860016	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.003000001**
PM25_RUNEX	0	0.011730855	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.011730855**
PM25_STREX	0	0	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
ROG_DIURN	0	0	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
ROG_HTSK	0	0	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
ROG_IDLEX	0	0.815459345	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.083898677**
ROG_RESTL	0	0	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
ROG_RUNEX	0	0.013267287	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.013267287**
ROG_RUNLS	0	0	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
ROG_STREX	0	0	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
SO2_IDLEX	0	0.025401098	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.002613396**
SO2_RUNEX	0	0.011026806	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.011026806**
SO2_STREX	0	0	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
TOG_DIURN	0	0	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
TOG_HTSK	0	0	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
TOG_IDLEX	0	0.92833839	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.095512257**
TOG_RESTL	0	0	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
TOG_RUNEX	0	0.015103796	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0.015103796**
TOG_RUNLS	0	0	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**
TOG_STREX	0	0	0	291.1142192	143.507147	0	0	10907.71625	0	0	1394.82824	0	**0**

UBUS CalEEMod Emission Rate Worksheet

Vehicle Class: UBUS

Pollutant	Emission Rates				Population				VMT				Trips				CalEEMod Emission
	Gas	DSL	ELEC	NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	Rate
CH4_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
CH4_RUNEX	0	0.072264252	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.072264252**
CH4_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
CO_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
CO_RUNEX	0	0.121844728	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.121844728**
CO_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
CO2_NBIO_RUNEX	0	1540.556031	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**1540.556031**
CO2_NBIO_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
NOX_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
NOX_RUNEX	0	0.762679481	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.762679481**
NOX_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
PM10_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
PM10_PMBW	0	0.076506656	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.076506656**
PM10_PMTW	0	0.030833858	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.030833858**
PM10_RUNEX	0	0.00564777	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.00564777**
PM10_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
PM25_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
PM25_PMBW	0	0.032788567	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.032788567**
PM25_PMTW	0	0.007708464	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.007708464**
PM25_RUNEX	0	0.00540345	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.00540345**
PM25_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
ROG_DIURN	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
ROG_HTSK	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
ROG_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
ROG_RESTL	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
ROG_RUNEX	0	0.001032514	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.001032514**
ROG_RUNLS	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
ROG_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
SO2_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
SO2_RUNEX	0	0.014563795	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.014563795**
SO2_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
TOG_DIURN	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
TOG_HTSK	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
TOG_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
TOG_RESTL	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
TOG_RUNEX	0	0.073750969	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.073750969**
TOG_RUNLS	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
TOG_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
CH4_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
CH4_RUNEX	0	0.072264252	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.072264252**
CH4_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
CO_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
CO_RUNEX	0	0.121844728	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.121844728**
CO_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
CO2_NBIO_RUNEX	0	1540.556031	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**1540.556031**
CO2_NBIO_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
NOX_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
NOX_RUNEX	0	0.762679481	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.762679481**
NOX_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
PM10_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
PM10_PMBW	0	0.076506656	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.076506656**
PM10_PMTW	0	0.030833858	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.030833858**
PM10_RUNEX	0	0.00564777	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.00564777**
PM10_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
PM25_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
PM25_PMBW	0	0.032788567	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.032788567**
PM25_PMTW	0	0.007708464	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.007708464**
PM25_RUNEX	0	0.00540345	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.00540345**
PM25_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
ROG_DIURN	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
ROG_HTSK	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
ROG_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
ROG_RESTL	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
ROG_RUNEX	0	0.001032514	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.001032514**
ROG_RUNLS	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
ROG_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
SO2_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
SO2_RUNEX	0	0.014563795	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.014563795**
SO2_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
TOG_DIURN	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
TOG_HTSK	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
TOG_IDLEX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
TOG_RESTL	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
TOG_RUNEX	0	0.073750969	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0.073750969**
TOG_RUNLS	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**
TOG_STREX	0	0	0	0	0	188.5118949	0	0	0	19053.62168	0	0	0	754.0475795	0	0	**0**

CH4_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
CH4_RUNEX	0	0.072264252	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0.072264252**
CH4_STREX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
CO_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
CO_RUNEX	0	0.121844728	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0.121844728**
CO_STREX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
CO2_NBIO_RUNEX	0	1540.556031	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**1540.556031**
CO2_NBIO_STREX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
NOX_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
NOX_RUNEX	0	0.762679481	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0.762679481**
NOX_STREX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
PM10_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
PM10_PMBW	0	0.076506656	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0.076506656**
PM10_PMTW	0	0.030833858	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0.030833858**
PM10_RUNEX	0	0.00564777	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0.00564777**
PM10_STREX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
PM25_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
PM25_PMBW	0	0.032788567	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0.032788567**
PM25_PMTW	0	0.007708464	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0.007708464**
PM25_RUNEX	0	0.00540345	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0.00540345**
PM25_STREX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
ROG_DIURN	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
ROG_HTSK	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
ROG_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
ROG_RESTL	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
ROG_RUNEX	0	0.001032514	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0.001032514**
ROG_RUNLS	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
ROG_STREX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
SO2_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
SO2_RUNEX	0	0.014563795	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0.014563795**
SO2_STREX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
TOG_DIURN	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
TOG_HTSK	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
TOG_IDLEX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
TOG_RESTL	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
TOG_RUNEX	0	0.073750969	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0.073750969**
TOG_RUNLS	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**
TOG_STREX	0	0	0	0	25.29263	188.5118949	0	50.71421582	0	19053.62168	0	0	0	754.0475795	0	0	**0**

MCY CalEEMod Emission Rate Worksheet

Vehicle Class: MCY

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	MCY Gas	MCY DSL	MCY NG	MCY Gas	MCY DSL	MCY NG	MCY Gas	MCY DSL	MCY NG	Rate
CH4_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**

CH4_IDLEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
CH4_RUNEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
CH4_STREX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
CO_IDLEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
CO_RUNEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
CO_STREX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_RUNEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_STREX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
NOX_IDLEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
NOX_RUNEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
NOX_STREX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
PM10_IDLEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
PM10_PMBW	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
PM10_PMTW	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
PM10_RUNEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
PM10_STREX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
PM25_IDLEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
PM25_PMBW	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
PM25_PMTW	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
PM25_RUNEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
PM25_STREX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
ROG_DIURN	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
ROG_HTSK	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
ROG_IDLEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
ROG_RESTL	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
ROG_RUNEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
ROG_RUNLS	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
ROG_STREX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
SO2_IDLEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
SO2_RUNEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
SO2_STREX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
TOG_DIURN	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
TOG_HTSK	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
TOG_IDLEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
TOG_RESTL	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
TOG_RUNEX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
TOG_RUNLS	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**
TOG_STREX	0	0	0	20505.07958	0	0	0	0	0	0	0	0	**0**

SBUS CalEEMod Emission Rate Worksheet

Vehicle Class: SBUS

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	SBUS Gas	SBUS DSL	SBUS NG	SBUS Gas	SBUS DSL	SBUS NG	SBUS Gas	SBUS DSL	SBUS NG	Rate
CH4_IDLEX	0	0.012552933	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.001087789**
CH4_RUNEX	0	0.001953549	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.001953549**
CH4_STREX	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
CO_IDLEX	0	9.279876524	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.804158407**
CO_RUNEX	0	0.155847206	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.155847206**
CO_STREX	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
CO2_NBIO_IDLEX	0	3305.088417	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**286.4062501**
CO2_NBIO_RUNEX	0	990.1662321	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**990.1662321**
CO2_NBIO_STREX	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
NOX_IDLEX	0	25.19814058	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**2.183573945**
NOX_RUNEX	0	2.839019237	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**2.839019237**
NOX_STREX	0	1.634982838	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**1.634982838**
PM10_IDLEX	0	0.016319213	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.00141416**
PM10_PMBW	0	0.744800213	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.744800213**
PM10_PMTW	0	0.012000003	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.012000003**
PM10_RUNEX	0	0.017132156	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.017132156**
PM10_STREX	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
PM25_IDLEX	0	0.015613251	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.001352984**
PM25_PMBW	0	0.319200091	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.319200091**
PM25_PMTW	0	0.003000001	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.003000001**
PM25_RUNEX	0	0.016391027	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.016391027**
PM25_STREX	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
ROG_DIURN	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
ROG_HTSK	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
ROG_IDLEX	0	0.270261209	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.023419797**
ROG_RESTL	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
ROG_RUNEX	0	0.042059366	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.042059366**
ROG_RUNLS	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
ROG_STREX	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
SO2_IDLEX	0	0.031224837	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.002705824**
SO2_RUNEX	0	0.0093546	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.0093546**
SO2_STREX	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
TOG_DIURN	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
TOG_HTSK	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
TOG_IDLEX	0	0.307671814	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.026661656**
TOG_RESTL	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
TOG_RUNEX	0	0.047881386	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.047881386**
TOG_RUNLS	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
TOG_STREX	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
CH4_IDLEX	0	0.012979213	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.001124729**
CH4_RUNEX	0	0.001953549	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.001953549**
CH4_STREX	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
CO_IDLEX	0	8.99408782	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.779393057**
CO_RUNEX	0	0.155847206	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.155847206**
CO_STREX	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
CO2_NBIO_IDLEX	0	3324.897882	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**288.1228621**
CO2_NBIO_RUNEX	0	990.1662321	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**990.1662321**
CO2_NBIO_STREX	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
NOX_IDLEX	0	25.06455104	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**2.171997589**
NOX_RUNEX	0	2.729551176	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**2.729551176**
NOX_STREX	0	1.634982838	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**1.634982838**
PM10_IDLEX	0	0.013907488	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.001205169**
PM10_PMBW	0	0.744800213	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.744800213**
PM10_PMTW	0	0.012000003	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.012000003**
PM10_RUNEX	0	0.017132156	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.017132156**
PM10_STREX	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
PM25_IDLEX	0	0.013305856	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.001153034**
PM25_PMBW	0	0.319200091	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.319200091**
PM25_PMTW	0	0.003000001	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.003000001**
PM25_RUNEX	0	0.016391027	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.016391027**
PM25_STREX	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
ROG_DIURN	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
ROG_HTSK	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
ROG_IDLEX	0	0.279438897	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.0242151**
ROG_RESTL	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
ROG_RUNEX	0	0.042059366	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.042059366**
ROG_RUNLS	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
ROG_STREX	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
SO2_IDLEX	0	0.031411987	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.002722042**
SO2_RUNEX	0	0.0093546	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.0093546**
SO2_STREX	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
TOG_DIURN	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
TOG_HTSK	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
TOG_IDLEX	0	0.318119913	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.027567048**
TOG_RESTL	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
TOG_RUNEX	0	0.047881386	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.047881386**
TOG_RUNLS	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
TOG_STREX	0	0	0	0	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**

CH4_IDLEX	0	0.011964261	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.001036777**
CH4_RUNEX	0	0.001953549	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.001953549**
CH4_STREX	0	0	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
CO_IDLEX	0	9.674537116	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.838358176**
CO_RUNEX	0	0.155847206	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.155847206**
CO_STREX	0	0	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
CO2_NBIO_IDLEX	0	3277.73249	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**284.0356907**
CO2_NBIO_RUNEX	0	990.1662321	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**990.1662321**
CO2_NBIO_STREX	0	0	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
NOX_IDLEX	0	25.38262138	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**2.199560341**
NOX_RUNEX	0	2.884362786	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**2.884362786**
NOX_STREX	0	1.634982838	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**1.634982838**
PM10_IDLEX	0	0.01964969	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.001702767**
PM10_PMBW	0	0.744800213	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.744800213**
PM10_PMTW	0	0.012000003	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.012000003**
PM10_RUNEX	0	0.017132156	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.017132156**
PM10_STREX	0	0	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
PM25_IDLEX	0	0.018799653	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.001629106**
PM25_PMBW	0	0.319200091	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.319200091**
PM25_PMTW	0	0.003000001	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.003000001**
PM25_RUNEX	0	0.016391027	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.016391027**
PM25_STREX	0	0	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
ROG_DIURN	0	0	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
ROG_HTSK	0	0	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
ROG_IDLEX	0	0.257587259	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.022321521**
ROG_RESTL	0	0	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
ROG_RUNEX	0	0.042059366	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.042059366**
ROG_RUNLS	0	0	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
ROG_STREX	0	0	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
SO2_IDLEX	0	0.030966391	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.002683428**
SO2_RUNEX	0	0.0093546	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.0093546**
SO2_STREX	0	0	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
TOG_DIURN	0	0	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
TOG_HTSK	0	0	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
TOG_IDLEX	0	0.293243486	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.025411353**
TOG_RESTL	0	0	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
TOG_RUNEX	0	0.047881386	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0.047881386**
TOG_RUNLS	0	0	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**
TOG_STREX	0	0	0	76.01703625	1033.49851	0	0	33909.17301	0	0	11926.42952	0	**0**

MH CalEEMod Emission Rate Worksheet

Vehicle Class: MH

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	MH Gas	MH DSL	MH NG	MH Gas	MH DSL	MH NG	MH Gas	MH DSL	MH NG	**Rate**
CH4_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
CH4_RUNEX	0.005180228	0.005180228	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.005180228**
CH4_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
CO_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
CO_RUNEX	0.396166744	0.396166744	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.396166744**
CO_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
CO2_NBIO_RUNEX	997.1524031	997.1524031	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**997.1524031**
CO2_NBIO_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
NOX_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
NOX_RUNEX	4.185246565	4.185246565	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**4.185246565**
NOX_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
PM10_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.016000005**
PM10_RUNEX	0.095725084	0.095725084	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.095725084**
PM10_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
PM25_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.004000001**
PM25_RUNEX	0.091584059	0.091584059	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.091584059**
PM25_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
ROG_DIURN	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
ROG_HTSK	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
ROG_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
ROG_RESTL	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
ROG_RUNEX	0.111527266	0.111527266	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.111527266**
ROG_RUNLS	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
ROG_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
SO2_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
SO2_RUNEX	0.009426676	0.009426676	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.009426676**
SO2_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
TOG_DIURN	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
TOG_HTSK	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
TOG_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
TOG_RESTL	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
TOG_RUNEX	0.126966378	0.126966378	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.126966378**
TOG_RUNLS	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
TOG_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
CH4_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
CH4_RUNEX	0.005180228	0.005180228	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.005180228**
CH4_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
CO_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
CO_RUNEX	0.396166744	0.396166744	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.396166744**
CO_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
CO2_NBIO_RUNEX	997.1524031	997.1524031	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**997.1524031**
CO2_NBIO_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
NOX_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
NOX_RUNEX	4.028777302	4.028777302	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**4.028777302**
NOX_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
PM10_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.016000005**
PM10_RUNEX	0.095725084	0.095725084	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.095725084**
PM10_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
PM25_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.004000001**
PM25_RUNEX	0.091584059	0.091584059	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.091584059**
PM25_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
ROG_DIURN	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
ROG_HTSK	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
ROG_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
ROG_RESTL	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
ROG_RUNEX	0.111527266	0.111527266	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.111527266**
ROG_RUNLS	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
ROG_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
SO2_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
SO2_RUNEX	0.009426676	0.009426676	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.009426676**
SO2_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
TOG_DIURN	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
TOG_HTSK	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
TOG_IDLEX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
TOG_RESTL	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
TOG_RUNEX	0.126966378	0.126966378	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.126966378**
TOG_RUNLS	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
TOG_STREX	0	0	0	0	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**

CH4_IDLEX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
CH4_RUNEX	0.005180228	0.005180228	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.005180228**
CH4_STREX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
CO_IDLEX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
CO_RUNEX	0.396166744	0.396166744	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.396166744**
CO_STREX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
CO2_NBIO_IDLEX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
CO2_NBIO_RUNEX	997.1524031	997.1524031	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**997.1524031**
CO2_NBIO_STREX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
NOX_IDLEX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
NOX_RUNEX	4.249270846	4.249270846	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**4.249270846**
NOX_STREX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
PM10_IDLEX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.016000005**
PM10_RUNEX	0.095725084	0.095725084	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.095725084**
PM10_STREX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
PM25_IDLEX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.004000001**
PM25_RUNEX	0.091584059	0.091584059	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.091584059**
PM25_STREX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
ROG_DIURN	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
ROG_HTSK	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
ROG_IDLEX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
ROG_RESTL	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
ROG_RUNEX	0.111527266	0.111527266	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.111527266**
ROG_RUNLS	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
ROG_STREX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
SO2_IDLEX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
SO2_RUNEX	0.009426676	0.009426676	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.009426676**
SO2_STREX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
TOG_DIURN	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
TOG_HTSK	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
TOG_IDLEX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
TOG_RESTL	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
TOG_RUNEX	0.126966378	0.126966378	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0.126966378**
TOG_RUNLS	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**
TOG_STREX	0	0	0	1806.236529	804.112051	0	0	7181.851911	0	0	80.4112051	0	**0**

EMFAC2017 Derived CalEEMod Annual Emission Rates: Scenario 1: Year 2027[1,2] - Trucks

Season	Pollutant	LDA	LDT1	LDT2	MDV	LHDT1	LHDT2	MHDT	HHDT	OBUS	UBUS	MCY	SBUS	MH
Annual	CH4_IDLEX	0	0	0	0	0.0004053	0.000405297	0.000409624	0.019824617	0.0042055	0	0	0.0010858	0
Annual	CH4_RUNEX	0.000365	0.0042493	0.0005928	0.0003684	0.00705	0.006654645	0.000551682	0.00109612	0.0006051	0.0722094	0	0.0017122	0.0049533
Annual	CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	CO_IDLEX	0	0	0	0	0.072324	0.072324011	0.329056466	6.25296534	1.448568	0	0	0.837881	0
Annual	CO_RUNEX	0.1637884	0.7284941	0.1270045	0.1729788	0.6849017	0.6467189	0.120474249	0.240832451	0.14374	0.1217429	0	0.1466623	0.3723627
Annual	CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	CO2_NBIO_IDLEX	0	0	0	0	10.147516	16.17703971	101.3682618	980.7753238	261.6819	0	0	277.62	0
Annual	CO2_NBIO_RUNEX	182.31406	#N/A	249.14448	326.72623	515.16183	574.8382367	965.8248903	1299.851922	1113.6761	1535.6764	0	958.16417	971.96227
Annual	CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	NOX_IDLEX	0	0	0	0	0.141449	0.13627455	0.634419422	5.230865621	1.2549388	0	0	2.0146678	0
Annual	NOX_RUNEX	0.0302332	0.5560026	0.0300945	0.0265574	1.2195025	0.919689501	1.695039431	2.6194912	1.8491061	0.7622406	0	2.5001271	3.9276828
Annual	NOX_STREX[3]	0	0	0	0	0	0	2.160253558	2.404470981	2.2163917	0	0	1.7309083	0
Annual	PM10_IDLEX	0	0	0	0	0.0021835	0.00221838	0.000426937	0.002297351	0.0004263	0	0	0.0011583	0
Annual	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060879769	0.13034	0.0765936	0	0.7448002	0.13034
Annual	PM10_PMTW	0.008	0.008	0.008	0.008	0.012	0.012000003	0.012000003	0.035498408	0.012	0.0308034	0	0.012	0.016
Annual	PM10_RUNEX	0.0032073	0.0608833	0.004152	0.0031133	0.0194432	0.021439544	0.008310114	0.024683492	0.011775	0.005645	0	0.0152634	0.0851148
Annual	PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	PM25_IDLEX	0	0	0	0	0.0020891	0.002122414	0.000408468	0.002197968	0.0004078	0	0	0.0011082	0
Annual	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.02609133	0.05586	0.0328258	0	0.3192001	0.05586
Annual	PM25_PMTW	0.002	0.002	0.002	0.002	0.003	0.003000001	0.003000001	0.008874602	0.003	0.0077009	0	0.003	0.004
Annual	PM25_RUNEX	0.0030685	0.0582495	0.0039724	0.0029786	0.0186021	0.020512079	0.007950622	0.023615695	0.0112656	0.0054008	0	0.0146032	0.0814328
Annual	PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	ROG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	ROG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	ROG_IDLEX	0	0	0	0	0.0087258	0.008725809	0.0088191	0.426818561	0.0905439	0	0	0.0233774	0
Annual	ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	ROG_RUNEX	0.0078581	0.0914841	0.0127632	0.0079317	0.1517824	0.143270596	0.011877554	0.023599155	0.0130268	0.0010317	0	0.0368635	0.106641
Annual	ROG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	SO2_IDLEX	0	0	0	0	9.593E-05	0.000152931	0.000957677	0.009265879	0.0024722	0	0	0.0026228	0
Annual	SO2_RUNEX	0.0017235	0.0035356	0.0023553	0.0030887	0.0048701	0.005434289	0.009124635	0.012280356	0.0105215	0.0145177	0	0.0090523	0.0091885
Annual	SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	TOG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	TOG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	TOG_IDLEX	0	0	0	0	0.0099338	0.009933754	0.010039874	0.485900441	0.1030773	0	0	0.0266134	0
Annual	TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	TOG_RUNEX	0.0089459	0.1041486	0.01453	0.0090297	0.1727942	0.163104048	0.013521691	0.026865842	0.01483	0.073695	0	0.0419662	0.1214037
Annual	TOG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual	TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	CH4_IDLEX	0	0	0	0	0.0004053	0.000405297	0.000428453	0.020981722	0.0044577	0	0	0.0011289	0
Summer	CH4_RUNEX	0.000365	0.0042493	0.0005928	0.0003684	0.00705	0.006654645	0.000551682	0.00109612	0.0006051	0.0722094	0	0.0017122	0.0049533
Summer	CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	CO_IDLEX	0	0	0	0	0.072324	0.072324011	0.321912846	6.166809495	1.4297193	0	0	0.8152755	0

Summer	CO_RUNEX	0.1637884	0.7284941	0.1270045	0.1729788	0.6849017	0.6467189	0.120474249	0.240832451	0.14374	0.1217429	0	0.1466623	0.3723627
Summer	CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	CO2_NBIO_IDLEX	0	0	0	0	10.147516	16.17703971	100.8238884	969.2046295	258.15906	0	0	278.35299	0
Summer	CO2_NBIO_RUNEX	182.31406	373.99375	249.14448	326.72623	515.16183	574.8382367	965.8248903	1299.851922	1113.6761	1535.6764	0	958.16417	971.96227
Summer	CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	NOX_IDLEX	0	0	0	0	0.141449	0.13627455	0.619092262	4.991530973	1.1920992	0	0	1.9918714	0
Summer	NOX_RUNEX	0.0290796	0.5348219	0.0289446	0.0255437	1.1775338	0.888373065	1.631664338	2.524919167	1.7809517	0.7622406	0	2.4037154	3.7807817
Summer	NOX_STREX[3]	0	0	0	0	0	0	2.160253558	2.404470981	2.2163917	0	0	1.7309083	0
Summer	PM10_IDLEX	0	0	0	0	0.0021835	0.00221838	0.000365088	0.002018917	0.0003788	0	0	0.00099	0
Summer	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060879769	0.13034	0.0765936	0	0.7448002	0.13034
Summer	PM10_PMTW	0.008	0.008	0.008	0.008	0.012	0.012000003	0.012000003	0.035498408	0.012	0.0308034	0	0.012	0.016
Summer	PM10_RUNEX	0.0032073	0.0608833	0.004152	0.0031133	0.0194432	0.021439544	0.008310114	0.024683492	0.011775	0.005645	0	0.0152634	0.0851148
Summer	PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	PM25_IDLEX	0	0	0	0	0.0020891	0.002122414	0.000349294	0.00193158	0.0003624	0	0	0.0009472	0
Summer	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.02609133	0.05586	0.0328258	0	0.3192001	0.05586
Summer	PM25_PMTW	0.002	0.002	0.002	0.002	0.003	0.003000001	0.003000001	0.008874602	0.003	0.0077009	0	0.003	0.004
Summer	PM25_RUNEX	0.0030685	0.0582495	0.0039724	0.0029786	0.0186021	0.020512079	0.007950622	0.023615695	0.0112656	0.0054008	0	0.0146032	0.0814328
Summer	PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	ROG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	ROG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	ROG_IDLEX	0	0	0	0	0.0087258	0.008725809	0.009224469	0.451730724	0.0959739	0	0	0.0243041	0
Summer	ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	ROG_RUNEX	0.0078581	0.0914841	0.0127632	0.0079317	0.1517824	0.143270596	0.011877554	0.023599155	0.0130268	0.0010317	0	0.0368635	0.106641
Summer	ROG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	SO2_IDLEX	0	0	0	0	9.593E-05	0.000152931	0.000952534	0.009156565	0.002439	0	0	0.0026297	0
Summer	SO2_RUNEX	0.0017235	0.0035356	0.0023553	0.0030887	0.0048701	0.005434289	0.009124635	0.012280356	0.0105215	0.0145177	0	0.0090523	0.0091885
Summer	SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	TOG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	TOG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	TOG_IDLEX	0	0	0	0	0.0099338	0.009933754	0.010501355	0.514261042	0.1092589	0	0	0.0276683	0
Summer	TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	TOG_RUNEX	0.0089459	0.1041486	0.01453	0.0090297	0.1727942	0.163104048	0.013521691	0.026865842	0.01483	0.073695	0	0.0419662	0.1214037
Summer	TOG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	0
Summer	TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0

Winter	CH4_IDLEX	0	0	0	0	0.0004053	0.000405297	0.000383623	0.018226709	0.0038572	0	0	0.0010264	0
Winter	CH4_RUNEX	0.000365	0.0042493	0.0005928	0.0003684	0.00705	0.006654645	0.000551682	0.00109612	0.0006051	0.0722094	0	0.0017122	0.0049533
Winter	CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	CO_IDLEX	0	0	0	0	0.072324	0.072324011	0.338921466	6.371942459	1.4745973	0	0	0.8690983	0
Winter	CO_RUNEX	0.1637884	0.7284941	0.1270045	0.1729788	0.6849017	0.6467189	0.120474249	0.240832451	0.14374	0.1217429	0	0.1466623	0.3723627
Winter	CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	CO2_NBIO_IDLEX	0	0	0	0	10.147516	16.17703971	102.1200157	996.7539017	266.54677	0	0	276.60778	0
Winter	CO2_NBIO_RUNEX	182.31406	373.99375	249.14448	326.72623	515.16183	574.8382367	965.8248903	1299.851922	1113.6761	1535.6764	0	958.16417	971.96227
Winter	CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	NOX_IDLEX	0	0	0	0	0.141449	0.13627455	0.6555855	5.561375372	1.3417174	0	0	2.0461485	0
Winter	NOX_RUNEX	0.0306769	0.5641222	0.0305379	0.0269476	1.2368326	0.932612967	1.720963287	2.65998809	1.8773129	0.7622406	0	2.5401124	3.9877948
Winter	NOX_STREX[3]	0	0	0	0	0	0	2.160253558	2.404470981	2.2163917	0	0	1.7309083	0
Winter	PM10_IDLEX	0	0	0	0	0.0021835	0.00221838	0.000512348	0.002681854	0.0004919	0	0	0.0013908	0
Winter	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060879769	0.13034	0.0765936	0	0.7448002	0.13034
Winter	PM10_PMTW	0.008	0.008	0.008	0.008	0.012	0.012000003	0.012000003	0.035498408	0.012	0.0308034	0	0.012	0.016
Winter	PM10_RUNEX	0.0032073	0.0608833	0.004152	0.0031133	0.0194432	0.021439544	0.008310114	0.024683492	0.011775	0.005645	0	0.0152634	0.0851148
Winter	PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	PM25_IDLEX	0	0	0	0	0.0020891	0.002122414	0.000490184	0.002565838	0.0004706	0	0	0.0013306	0
Winter	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.02609133	0.05586	0.0328258	0	0.3192001	0.05586
Winter	PM25_PMTW	0.002	0.002	0.002	0.002	0.003	0.003000001	0.003000001	0.008874602	0.003	0.0077009	0	0.003	0.004
Winter	PM25_RUNEX	0.0030685	0.0582495	0.0039724	0.0029786	0.0186021	0.020512079	0.007950622	0.023615695	0.0112656	0.0054008	0	0.0146032	0.0814328
Winter	PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	ROG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	ROG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	ROG_IDLEX	0	0	0	0	0.0087258	0.008725809	0.008259306	0.39241605	0.0830453	0	0	0.0220977	0
Winter	ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	ROG_RUNEX	0.0078581	0.0914841	0.0127632	0.0079317	0.1517824	0.143270596	0.011877554	0.023599155	0.0130268	0.0010317	0	0.0368635	0.106641
Winter	ROG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	SO2_IDLEX	0	0	0	0	9.593E-05	0.000152931	0.000964779	0.009416837	0.0025182	0	0	0.0026133	0
Winter	SO2_RUNEX	0.0017235	0.0035356	0.0023553	0.0030887	0.0048701	0.005434289	0.009124635	0.012280356	0.0105215	0.0145177	0	0.0090523	0.0091885
Winter	SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	TOG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	TOG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	TOG_IDLEX	0	0	0	0	0.0099338	0.009933754	0.009402591	0.446735802	0.0945407	0	0	0.0251565	0
Winter	TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	TOG_RUNEX	0.0089459	0.1041486	0.01453	0.0090297	0.1727942	0.163104048	0.013521691	0.026865842	0.01483	0.073695	0	0.0419662	0.1214037
Winter	TOG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	0
Winter	TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	0

1 Source: California Air Resources Board. EMFAC2017 Web Database. https://www.arb.ca.gov/emfac/2017/; California Air Pollution Control Officers Association (CAPCOA). 2017, November. California Emissions Estimator Model User's Guide, Version 2016.3.2, Appendix A.

2 Unless otherwise noted, per CalEEMod methodology, the calculated CalEEMod emission rates are derived from the emission rates obtained using the EMFAC2017 Web Database for the Contra Costa (SF) region .

3 Because EMFAC2017 provides vehicle trips data for MHDT and HHDT diesel trucks, the formula provided in Appendix A of the CalEEMod User's Guide in calculating the NO_X STREX emission rates are utilized.

Off-Model SAFE Rule Adjustment Factors for Gasoline Light Duty Vehicle (LDA, LDT1, LDT2, MDV) Emissions in EMFAC2017

Year	NOx Exh	TOG Evap	TOG Exh	PM Exh	CO Exh	CO2 Exh
2021	1.0002	1.0001	1.0002	1.0009	1.0005	1.0023
2022	1.0004	1.0003	1.0004	1.0018	1.0014	1.0065
2023	1.0007	1.0006	1.0007	1.0032	1.0027	1.0126
2024	1.0012	1.001	1.0011	1.0051	1.0044	1.0207
2025	1.0018	1.0016	1.0016	1.0074	1.0065	1.0309
2026	1.0023	1.0022	1.002	1.0091	1.0083	1.0394
2027	1.0028	1.0028	1.0024	1.0105	1.0102	1.0475
2028	1.0034	1.0035	1.0028	1.0117	1.012	1.0554
2029	1.004	1.0042	1.0032	1.0129	1.0138	1.0629
2030	1.0047	1.0051	1.0037	1.0142	1.0156	1.0702
2031	1.0054	1.0061	1.0042	1.0155	1.0173	1.077
2032	1.0061	1.0072	1.0047	1.0169	1.0189	1.0834
2033	1.0068	1.0083	1.0052	1.0182	1.0204	1.0893
2034	1.0075	1.0095	1.0058	1.0196	1.0218	1.0947
2035	1.0081	1.0108	1.0063	1.021	1.0232	1.0997
2036	1.0088	1.0121	1.0069	1.0223	1.0244	1.1041
2037	1.0094	1.0134	1.0074	1.0236	1.0255	1.108
2038	1.0099	1.0148	1.0079	1.0248	1.0265	1.1114
2039	1.0104	1.0161	1.0085	1.0259	1.0274	1.1143
2040	1.0109	1.0174	1.009	1.027	1.0281	1.1168
2041	1.0113	1.0186	1.0095	1.0279	1.0288	1.1189
2042	1.0116	1.0198	1.0099	1.0286	1.0294	1.1207
2043	1.0119	1.0207	1.0103	1.0293	1.0299	1.1221
2044	1.0122	1.0216	1.0106	1.0299	1.0303	1.1233
2045	1.0124	1.0225	1.0109	1.0303	1.0306	1.1243
2046	1.0125	1.0233	1.0111	1.0308	1.0309	1.1251
2047	1.0127	1.024	1.0113	1.0311	1.0311	1.1258
2048	1.0128	1.0246	1.0115	1.0314	1.0313	1.1263
2049	1.0128	1.0252	1.0116	1.0316	1.0315	1.1268
2050	1.0129	1.0257	1.0117	1.0318	1.0316	1.1272

Sources: California Air Resources Board. 2019, November 20. EMFAC Off-Model Adjustment Factors to Account for the SAFE Vehicles Rule Part One and the Final Safe Rule. hhttps://ww3.arb.ca.gov/msei/emfac_off_model_adjustment_factors_final_draft.pdf; California Air Resources Board. 2020, June 26. EMFAC Off-Model Adjustment Factors for Carbon Dioxide (CO2) Emissions to Account for the SAFE Vehicles Rule Part One and the Final Safe Rule. https://ww3.arb.ca.gov/msei/emfac_off_model_co2_adjustment_factors_06262020-final.pdf.

LDA CalEEMod Emission Rate Worksheet

Vehicle Class: LDA

Pollutant	Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	LDA Gas	LDA DSL	LDA Elec	LDA Gas	LDA DSL	LDA Elec	LDA Gas	LDA DSL	LDA Elec	
CH4_IDLEX		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
CH4_RUNEX		0	0.000364994	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.000364994**
CH4_STREX		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
CO_IDLEX	1.0102	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
CO_RUNEX	1.0102	0	0.16378842	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.16378842**
CO_STREX	1.0102	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
CO2_NBIO_IDLEX	1.0475	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
CO2_NBIO_RUNEX	1.0475	0	182.3140558	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**182.3140558**
CO2_NBIO_STREX	1.0475	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
NOX_IDLEX	1.0028	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
NOX_RUNEX	1.0028	0	0.03023322	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.03023322**
NOX_STREX	1.0028	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
PM10_IDLEX	1.0105	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
PM10_PMBW		0	0.036750011	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.008000002**
PM10_RUNEX	1.0105	0	0.003207276	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.003207276**
PM10_STREX	1.0105	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
PM25_IDLEX	1.0105	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
PM25_PMBW		0	0.015750005	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.002000001**
PM25_RUNEX	1.0105	0	0.00306853	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.00306853**
PM25_STREX	1.0105	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
ROG_DIURN		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
ROG_HTSK		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
ROG_IDLEX		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
ROG_RESTL		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
ROG_RUNEX		0	0.007858112	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.007858112**
ROG_RUNLS		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
ROG_STREX		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
SO2_IDLEX		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
SO2_RUNEX		0	0.001723523	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.001723523**
SO2_STREX		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
TOG_DIURN	1.0028	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
TOG_HTSK	1.0028	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
TOG_IDLEX	1.0024	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
TOG_RESTL	1.0028	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
TOG_RUNEX	1.0024	0	0.008945938	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.008945938**
TOG_RUNLS	1.0028	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
TOG_STREX	1.0024	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**

CH4_IDLEX		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
CH4_RUNEX		0	0.000364994	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.000364994**
CH4_STREX		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
CO_IDLEX	1.0102	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
CO_RUNEX	1.0102	0	0.16378842	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.16378842**
CO_STREX	1.0102	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
CO2_NBIO_IDLEX	1.0475	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
CO2_NBIO_RUNEX	1.0475	0	182.3140558	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**182.3140558**
CO2_NBIO_STREX	1.0475	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
NOX_IDLEX	1.0028	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
NOX_RUNEX	1.0028	0	0.03067691	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.03067691**
NOX_STREX	1.0028	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
PM10_IDLEX	1.0105	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
PM10_PMBW		0	0.036750011	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.008000002**
PM10_RUNEX	1.0105	0	0.003207276	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.003207276**
PM10_STREX	1.0105	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
PM25_IDLEX	1.0105	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
PM25_PMBW		0	0.015750005	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.002000001**
PM25_RUNEX	1.0105	0	0.00306853	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.00306853**
PM25_STREX	1.0105	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
ROG_DIURN		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
ROG_HTSK		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
ROG_IDLEX		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
ROG_RESTL		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
ROG_RUNEX		0	0.007858112	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.007858112**
ROG_RUNLS		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
ROG_STREX		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
SO2_IDLEX		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
SO2_RUNEX		0	0.001723523	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.001723523**
SO2_STREX		0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
TOG_DIURN	1.0028	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
TOG_HTSK	1.0028	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
TOG_IDLEX	1.0024	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
TOG_RESTL	1.0028	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
TOG_RUNEX	1.0024	0	0.008945938	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0.008945938**
TOG_RUNLS	1.0028	0	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**
TOG_STREX	1.0024	0.00000000	0	0	0	5234.401712	0	0	192336.4858	0	0	24657.5567	0	**0**

LDT1 CalEEMod Emission Rate Worksheet

Vehicle Class: LDT1

Pollutant	Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission Rate
		Gas	DSL	ELEC	LDT1 Gas	LDT1 DSL	LDT1 Elec	LDT1 Gas	LDT1 DSL	LDT1 Elec	LDT1 Gas	LDT1 DSL	LDT1 Elec	
CH4_IDLEX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CH4_RUNEX		0	0.004249262	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.004249262**
CH4_STREX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CO_IDLEX	1.0102	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CO_RUNEX	1.0102	0	0.728494051	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.728494051**
CO_STREX	1.0102	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CO2_NBIO_IDLEX	1.0475	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CO2_NBIO_RUNEX	1.0475	0	373.9937482	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**373.9937482**
CO2_NBIO_STREX	1.0475	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
NOX_IDLEX	1.0028	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
NOX_RUNEX	1.0028	0	0.556002555	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.556002555**
NOX_STREX	1.0028	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
PM10_IDLEX	1.0105	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
PM10_PMBW		0	0.036750011	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.008000002**
PM10_RUNEX	1.0105	0	0.060883324	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.060883324**
PM10_STREX	1.0105	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
PM25_IDLEX	1.0105	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
PM25_PMBW		0	0.015750005	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.002000001**
PM25_RUNEX	1.0105	0	0.058249538	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.058249538**
PM25_STREX	1.0105	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
ROG_DIURN		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
ROG_HTSK		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
ROG_IDLEX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
ROG_RESTL		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
ROG_RUNEX		0	0.091484106	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.091484106**
ROG_RUNLS		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
ROG_STREX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
SO2_IDLEX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
SO2_RUNEX		0	0.003535586	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.003535586**
SO2_STREX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
TOG_DIURN	1.0028	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
TOG_HTSK	1.0028	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
TOG_IDLEX	1.0024	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
TOG_RESTL	1.0028	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
TOG_RUNEX	1.0024	0	0.104148573	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.104148573**
TOG_RUNLS	1.0028	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
TOG_STREX	1.0024	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CH4_IDLEX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CH4_RUNEX		0	0.004249262	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.004249262**
CH4_STREX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CO_IDLEX	1.0102	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CO_RUNEX	1.0102	0	0.728494051	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.728494051**
CO_STREX	1.0102	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CO2_NBIO_IDLEX	1.0475	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CO2_NBIO_RUNEX	1.0475	0	373.9937482	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**373.9937482**
CO2_NBIO_STREX	1.0475	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
NOX_IDLEX	1.0028	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
NOX_RUNEX	1.0028	0	0.534821856	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.534821856**
NOX_STREX	1.0028	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
PM10_IDLEX	1.0105	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
PM10_PMBW		0	0.036750011	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.008000002**
PM10_RUNEX	1.0105	0	0.060883324	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.060883324**
PM10_STREX	1.0105	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
PM25_IDLEX	1.0105	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
PM25_PMBW		0	0.015750005	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.002000001**
PM25_RUNEX	1.0105	0	0.058249538	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.058249538**
PM25_STREX	1.0105	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
ROG_DIURN		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
ROG_HTSK		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
ROG_IDLEX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
ROG_RESTL		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
ROG_RUNEX		0	0.091484106	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.091484106**
ROG_RUNLS		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
ROG_STREX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
SO2_IDLEX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
SO2_RUNEX		0	0.003535586	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.003535586**
SO2_STREX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
TOG_DIURN	1.0028	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
TOG_HTSK	1.0028	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
TOG_IDLEX	1.0024	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
TOG_RESTL	1.0028	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
TOG_RUNEX	1.0024	0	0.104148573	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.104148573**
TOG_RUNLS	1.0028	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
TOG_STREX	1.0024	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**

CH4_IDLEX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CH4_RUNEX		0	0.004249262	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.004249262**
CH4_STREX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CO_IDLEX	1.0102	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CO_RUNEX	1.0102	0	0.728494051	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.728494051**
CO_STREX	1.0102	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CO2_NBIO_IDLEX	1.0475	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
CO2_NBIO_RUNEX	1.0475	0	373.9937482	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**373.9937482**
CO2_NBIO_STREX	1.0475	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
NOX_IDLEX	1.0028	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
NOX_RUNEX	1.0028	0	0.564122166	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.564122166**
NOX_STREX	1.0028	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
PM10_IDLEX	1.0105	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
PM10_PMBW		0	0.036750011	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.008000002**
PM10_RUNEX	1.0105	0	0.060883324	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.060883324**
PM10_STREX	1.0105	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
PM25_IDLEX	1.0105	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
PM25_PMBW		0	0.015750005	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.002000001**
PM25_RUNEX	1.0105	0	0.058249538	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.058249538**
PM25_STREX	1.0105	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
ROG_DIURN		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
ROG_HTSK		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
ROG_IDLEX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
ROG_RESTL		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
ROG_RUNEX		0	0.091484106	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.091484106**
ROG_RUNLS		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
ROG_STREX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
SO2_IDLEX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
SO2_RUNEX		0	0.003535586	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.003535586**
SO2_STREX		0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
TOG_DIURN	1.0028	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
TOG_HTSK	1.0028	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
TOG_IDLEX	1.0024	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
TOG_RESTL	1.0028	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
TOG_RUNEX	1.0024	0	0.104148573	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0.104148573**
TOG_RUNLS	1.0028	0	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**
TOG_STREX	1.0024	0.00000000	0	0	0	12.48470437	0	0	270.115486	0	0	45.06116416	0	**0**

LDT2 CalEEMod Emission Rate Worksheet

Vehicle Class: LDT2

Pollutant	Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission
		Gas	DSL	ELEC	LDT2 Gas	LDT2 DSL	LDT2 Elec	LDT2 Gas	LDT2 DSL	LDT2 Elec	LDT2 Gas	LDT2 DSL	LDT2 Elec	Rate
CH4_IDLEX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CH4_RUNEX		0	0.000592825	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.000592825**
CH4_STREX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CO_IDLEX	1.0102	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CO_RUNEX	1.0102	0	0.127004487	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.127004487**
CO_STREX	1.0102	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CO2_NBIO_IDLEX	1.0475	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CO2_NBIO_RUNEX	1.0475	0	249.144483	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**249.144483**
CO2_NBIO_STREX	1.0475	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
NOX_IDLEX	1.0028	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
NOX_RUNEX	1.0028	0	0.030094478	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.030094478**
NOX_STREX	1.0028	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
PM10_IDLEX	1.0105	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
PM10_PMBW		0	0.036750011	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.008000002**
PM10_RUNEX	1.0105	0	0.004151963	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.004151963**
PM10_STREX	1.0105	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
PM25_IDLEX	1.0105	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
PM25_PMBW		0	0.015750005	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.002000001**
PM25_RUNEX	1.0105	0	0.003972351	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.003972351**
PM25_STREX	1.0105	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
ROG_DIURN		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
ROG_HTSK		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
ROG_IDLEX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
ROG_RESTL		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
ROG_RUNEX		0	0.012763164	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.012763164**
ROG_RUNLS		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
ROG_STREX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
SO2_IDLEX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
SO2_RUNEX		0	0.002355311	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.002355311**
SO2_STREX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
TOG_DIURN	1.0028	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
TOG_HTSK	1.0028	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
TOG_IDLEX	1.0024	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
TOG_RESTL	1.0028	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
TOG_RUNEX	1.0024	0	0.014530014	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.014530014**
TOG_RUNLS	1.0028	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
TOG_STREX	1.0024	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CH4_IDLEX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CH4_RUNEX		0	0.000592825	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.000592825**
CH4_STREX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CO_IDLEX	1.0102	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CO_RUNEX	1.0102	0	0.127004487	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.127004487**
CO_STREX	1.0102	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CO2_NBIO_IDLEX	1.0475	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CO2_NBIO_RUNEX	1.0475	0	249.144483	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**249.144483**
CO2_NBIO_STREX	1.0475	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
NOX_IDLEX	1.0028	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
NOX_RUNEX	1.0028	0	0.028944647	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.028944647**
NOX_STREX	1.0028	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
PM10_IDLEX	1.0105	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
PM10_PMBW		0	0.036750011	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.008000002**
PM10_RUNEX	1.0105	0	0.004151963	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.004151963**
PM10_STREX	1.0105	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
PM25_IDLEX	1.0105	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
PM25_PMBW		0	0.015750005	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.002000001**
PM25_RUNEX	1.0105	0	0.003972351	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.003972351**
PM25_STREX	1.0105	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
ROG_DIURN		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
ROG_HTSK		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
ROG_IDLEX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
ROG_RESTL		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
ROG_RUNEX		0	0.012763164	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.012763164**
ROG_RUNLS		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
ROG_STREX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
SO2_IDLEX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
SO2_RUNEX		0	0.002355311	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.002355311**
SO2_STREX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
TOG_DIURN	1.0028	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
TOG_HTSK	1.0028	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
TOG_IDLEX	1.0024	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
TOG_RESTL	1.0028	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
TOG_RUNEX	1.0024	0	0.014530014	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.014530014**
TOG_RUNLS	1.0028	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
TOG_STREX	1.0024	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**

CH4_IDLEX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CH4_RUNEX		0	0.000592825	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.000592825**
CH4_STREX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CO_IDLEX	1.0102	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CO_RUNEX	1.0102	0	0.127004487	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.127004487**
CO_STREX	1.0102	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CO2_NBIO_IDLEX	1.0475	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
CO2_NBIO_RUNEX	1.0475	0	249.144483	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**249.144483**
CO2_NBIO_STREX	1.0475	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
NOX_IDLEX	1.0028	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
NOX_RUNEX	1.0028	0	0.030537948	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.030537948**
NOX_STREX	1.0028	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
PM10_IDLEX	1.0105	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
PM10_PMBW		0	0.036750011	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.008000002**
PM10_RUNEX	1.0105	0	0.004151963	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.004151963**
PM10_STREX	1.0105	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
PM25_IDLEX	1.0105	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
PM25_PMBW		0	0.015750005	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.002000001**
PM25_RUNEX	1.0105	0	0.003972351	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.003972351**
PM25_STREX	1.0105	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
ROG_DIURN		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
ROG_HTSK		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
ROG_IDLEX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
ROG_RESTL		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
ROG_RUNEX		0	0.012763164	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.012763164**
ROG_RUNLS		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
ROG_STREX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
SO2_IDLEX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
SO2_RUNEX		0	0.002355311	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.002355311**
SO2_STREX		0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
TOG_DIURN	1.0028	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
TOG_HTSK	1.0028	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
TOG_IDLEX	1.0024	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
TOG_RESTL	1.0028	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
TOG_RUNEX	1.0024	0	0.014530014	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0.014530014**
TOG_RUNLS	1.0028	0	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**
TOG_STREX	1.0024	0.00000000	0	0	0	1202.506182	0	0	47267.49911	0	0	5765.287851	0	**0**

MDV CalEEMod Emission Rate Worksheet

Vehicle Class: MDV

Pollutant	Adjustment Factor	Emission Rates			Population			VMT			Trips			CalEEMod Emission
		Gas	DSL	ELEC	MDV Gas	MDV DSL	MDV Elec	MDV Gas	MDV DSL	MDV Elec	MDV Gas	MDV DSL	MDV Elec	Rate
CH4_IDLEX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CH4_RUNEX		0	0.000368411	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.000368411**
CH4_STREX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CO_IDLEX	1.0102	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CO_RUNEX	1.0102	0	0.172978808	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.172978808**
CO_STREX	1.0102	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CO2_NBIO_IDLEX	1.0475	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CO2_NBIO_RUNEX	1.0475	0	326.7262253	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**326.7262253**
CO2_NBIO_STREX	1.0475	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
NOX_IDLEX	1.0028	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
NOX_RUNEX	1.0028	0	0.026557395	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.026557395**
NOX_STREX	1.0028	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
PM10_IDLEX	1.0105	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
PM10_PMBW		0	0.036750011	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.008000002**
PM10_RUNEX	1.0105	0	0.003113271	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.003113271**
PM10_STREX	1.0105	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
PM25_IDLEX	1.0105	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
PM25_PMBW		0	0.015750005	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.002000001**
PM25_RUNEX	1.0105	0	0.002978592	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.002978592**
PM25_STREX	1.0105	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
ROG_DIURN		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
ROG_HTSK		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
ROG_IDLEX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
ROG_RESTL		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
ROG_RUNEX		0	0.007931676	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.007931676**
ROG_RUNLS		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
ROG_STREX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
SO2_IDLEX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
SO2_RUNEX		0	0.003088738	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.003088738**
SO2_STREX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
TOG_DIURN	1.0028	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
TOG_HTSK	1.0028	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
TOG_IDLEX	1.0024	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
TOG_RESTL	1.0028	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
TOG_RUNEX	1.0024	0	0.009029686	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.009029686**
TOG_RUNLS	1.0028	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
TOG_STREX	1.0024	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CH4_IDLEX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CH4_RUNEX		0	0.000368411	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.000368411**
CH4_STREX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CO_IDLEX	1.0102	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CO_RUNEX	1.0102	0	0.172978808	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.172978808**
CO_STREX	1.0102	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CO2_NBIO_IDLEX	1.0475	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CO2_NBIO_RUNEX	1.0475	0	326.7262253	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**326.7262253**
CO2_NBIO_STREX	1.0475	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
NOX_IDLEX	1.0028	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
NOX_RUNEX	1.0028	0	0.025543678	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.025543678**
NOX_STREX	1.0028	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
PM10_IDLEX	1.0105	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
PM10_PMBW		0	0.036750011	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.008000002**
PM10_RUNEX	1.0105	0	0.003113271	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.003113271**
PM10_STREX	1.0105	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
PM25_IDLEX	1.0105	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
PM25_PMBW		0	0.015750005	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.002000001**
PM25_RUNEX	1.0105	0	0.002978592	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.002978592**
PM25_STREX	1.0105	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
ROG_DIURN		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
ROG_HTSK		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
ROG_IDLEX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
ROG_RESTL		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
ROG_RUNEX		0	0.007931676	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.007931676**
ROG_RUNLS		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
ROG_STREX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
SO2_IDLEX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
SO2_RUNEX		0	0.003088738	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.003088738**
SO2_STREX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
TOG_DIURN	1.0028	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
TOG_HTSK	1.0028	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
TOG_IDLEX	1.0024	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
TOG_RESTL	1.0028	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
TOG_RUNEX	1.0024	0	0.009029686	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.009029686**
TOG_RUNLS	1.0028	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
TOG_STREX	1.0024	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**

CH4_IDLEX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CH4_RUNEX		0	0.000368411	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.000368411**
CH4_STREX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CO_IDLEX	1.0102	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CO_RUNEX	1.0102	0	0.172978808	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.172978808**
CO_STREX	1.0102	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CO2_NBIO_IDLEX	1.0475	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
CO2_NBIO_RUNEX	1.0475	0	326.7262253	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**326.7262253**
CO2_NBIO_STREX	1.0475	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
NOX_IDLEX	1.0028	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
NOX_RUNEX	1.0028	0	0.026947603	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.026947603**
NOX_STREX	1.0028	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
PM10_IDLEX	1.0105	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
PM10_PMBW		0	0.036750011	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.036750011**
PM10_PMTW		0	0.008000002	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.008000002**
PM10_RUNEX	1.0105	0	0.003113271	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.003113271**
PM10_STREX	1.0105	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
PM25_IDLEX	1.0105	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
PM25_PMBW		0	0.015750005	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.015750005**
PM25_PMTW		0	0.002000001	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.002000001**
PM25_RUNEX	1.0105	0	0.002978592	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.002978592**
PM25_STREX	1.0105	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
ROG_DIURN		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
ROG_HTSK		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
ROG_IDLEX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
ROG_RESTL		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
ROG_RUNEX		0	0.007931676	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.007931676**
ROG_RUNLS		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
ROG_STREX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
SO2_IDLEX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
SO2_RUNEX		0	0.003088738	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.003088738**
SO2_STREX		0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
TOG_DIURN	1.0028	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
TOG_HTSK	1.0028	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
TOG_IDLEX	1.0024	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
TOG_RESTL	1.0028	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
TOG_RUNEX	1.0024	0	0.009029686	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0.009029686**
TOG_RUNLS	1.0028	0	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**
TOG_STREX	1.0024	0.00000000	0	0	0	2743.609199	0	0	102947.8677	0	0	13045.8154	0	**0**

LDH1 CalEEMod Emission Rate Worksheet

Vehicle Class: LHDT1

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	ELEC	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	Rate
CH4_IDLEX	0	0.005098128	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.000405297**
CH4_RUNEX	0	0.007050005	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.007050005**
CH4_STREX	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
CO_IDLEX	0	0.909745076	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.072324011**
CO_RUNEX	0	0.684901721	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.684901721**
CO_STREX	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
CO2_NBIO_IDLEX	0	127.6429914	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**10.14751645**
CO2_NBIO_RUNEX	0	515.1618254	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**515.1618254**
CO2_NBIO_STREX	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
NOX_IDLEX	0	1.779250619	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.141449011**
NOX_RUNEX	0	1.219502479	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**1.219502479**
NOX_STREX	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
PM10_IDLEX	0	0.02746617	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.002183539**
PM10_PMBW	0	0.076440022	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.076440022**
PM10_PMTW	0	0.012000003	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.012000003**
PM10_RUNEX	0	0.01944323	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.01944323**
PM10_STREX	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
PM25_IDLEX	0	0.026277995	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.00208908**
PM25_PMBW	0	0.032760009	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.032760009**
PM25_PMTW	0	0.003000001	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.003000001**
PM25_RUNEX	0	0.018602125	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.018602125**
PM25_STREX	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
ROG_DIURN	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
ROG_HTSK	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
ROG_IDLEX	0	0.109759705	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.008725809**
ROG_RESTL	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
ROG_RUNEX	0	0.151782448	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.151782448**
ROG_RUNLS	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
ROG_STREX	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
SO2_IDLEX	0	0.001206685	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**9.59305E-05**
SO2_RUNEX	0	0.004870132	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.004870132**
SO2_STREX	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
TOG_DIURN	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
TOG_HTSK	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
TOG_IDLEX	0	0.124954127	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.009933754**
TOG_RESTL	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
TOG_RUNEX	0	0.172794225	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.172794225**
TOG_RUNLS	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
TOG_STREX	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
CH4_IDLEX	0	0.005098128	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.000405297**
CH4_RUNEX	0	0.007050005	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.007050005**
CH4_STREX	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
CO_IDLEX	0	0.909745076	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.072324011**
CO_RUNEX	0	0.684901721	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.684901721**
CO_STREX	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
CO2_NBIO_IDLEX	0	127.6429914	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**10.14751645**
CO2_NBIO_RUNEX	0	515.1618254	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**515.1618254**
CO2_NBIO_STREX	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
NOX_IDLEX	0	1.779250619	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.141449011**
NOX_RUNEX	0	1.177533816	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**1.177533816**
NOX_STREX	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
PM10_IDLEX	0	0.02746617	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.002183539**
PM10_PMBW	0	0.076440022	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.076440022**
PM10_PMTW	0	0.012000003	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.012000003**
PM10_RUNEX	0	0.01944323	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.01944323**
PM10_STREX	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
PM25_IDLEX	0	0.026277995	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.00208908**
PM25_PMBW	0	0.032760009	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.032760009**
PM25_PMTW	0	0.003000001	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.003000001**
PM25_RUNEX	0	0.018602125	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.018602125**
PM25_STREX	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
ROG_DIURN	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
ROG_HTSK	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
ROG_IDLEX	0	0.109759705	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.008725809**
ROG_RESTL	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
ROG_RUNEX	0	0.151782448	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.151782448**
ROG_RUNLS	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
ROG_STREX	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
SO2_IDLEX	0	0.001206685	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**9.59305E-05**
SO2_RUNEX	0	0.004870132	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.004870132**
SO2_STREX	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
TOG_DIURN	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
TOG_HTSK	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
TOG_IDLEX	0	0.124954127	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.009933754**
TOG_RESTL	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
TOG_RUNEX	0	0.172794225	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.172794225**
TOG_RUNLS	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
TOG_STREX	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**

CH4_IDLEX	0	0.005098128	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.000405297**
CH4_RUNEX	0	0.007050005	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.007050005**
CH4_STREX	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
CO_IDLEX	0	0.909745076	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.072324011**
CO_RUNEX	0	0.684901721	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.684901721**
CO_STREX	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
CO2_NBIO_IDLEX	0	127.6429914	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**10.14751645**
CO2_NBIO_RUNEX	0	515.1618254	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**515.1618254**
CO2_NBIO_STREX	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
NOX_IDLEX	0	1.779250619	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.141449011**
NOX_RUNEX	0	1.236832565	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**1.236832565**
NOX_STREX	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
PM10_IDLEX	0	0.02746617	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.002183539**
PM10_PMBW	0	0.076440022	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.076440022**
PM10_PMTW	0	0.012000003	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.012000003**
PM10_RUNEX	0	0.01944323	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.01944323**
PM10_STREX	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
PM25_IDLEX	0	0.026277995	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.00208908**
PM25_PMBW	0	0.032760009	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.032760009**
PM25_PMTW	0	0.003000001	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.003000001**
PM25_RUNEX	0	0.018602125	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.018602125**
PM25_STREX	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
ROG_DIURN	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
ROG_HTSK	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
ROG_IDLEX	0	0.109759705	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.008725809**
ROG_RESTL	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
ROG_RUNEX	0	0.151782448	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.151782448**
ROG_RUNLS	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
ROG_STREX	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
SO2_IDLEX	0	0.001206685	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**9.59305E-05**
SO2_RUNEX	0	0.004870132	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.004870132**
SO2_STREX	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
TOG_DIURN	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
TOG_HTSK	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
TOG_IDLEX	0	0.124954127	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.009933754**
TOG_RESTL	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
TOG_RUNEX	0	0.172794225	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0.172794225**
TOG_RUNLS	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**
TOG_STREX	0	0	0	0	8927.070664	0	0	318499.0465	0	0	112291.3187	0	**0**

LDH2 CalEEMod Emission Rate Worksheet

Vehicle Class: LHDT2

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	ELEC	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	LHDT2 Gas	LHDT2 DSL	LHDT2 Elec	Rate
CH4_IDLEX	0	0.005098128	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.000405297**
CH4_RUNEX	0	0.006654645	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.006654645**
CH4_STREX	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
CO_IDLEX	0	0.909745076	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.072324011**
CO_RUNEX	0	0.6467189	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.6467189**
CO_STREX	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
CO2_NBIO_IDLEX	0	203.4868088	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**16.17703971**
CO2_NBIO_RUNEX	0	574.8382367	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**574.8382367**
CO2_NBIO_STREX	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
NOX_IDLEX	0	1.714162406	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.13627455**
NOX_RUNEX	0	0.919689501	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.919689501**
NOX_STREX	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
PM10_IDLEX	0	0.027904434	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.00221838**
PM10_PMBW	0	0.089180026	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.089180026**
PM10_PMTW	0	0.012000003	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.012000003**
PM10_RUNEX	0	0.021439544	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.021439544**
PM10_STREX	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
PM25_IDLEX	0	0.0266973	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.002122414**
PM25_PMBW	0	0.038220011	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.038220011**
PM25_PMTW	0	0.003000001	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.003000001**
PM25_RUNEX	0	0.020512079	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.020512079**
PM25_STREX	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
ROG_DIURN	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
ROG_HTSK	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
ROG_IDLEX	0	0.109759705	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.008725809**
ROG_RESTL	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
ROG_RUNEX	0	0.143270596	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.143270596**
ROG_RUNLS	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
ROG_STREX	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
SO2_IDLEX	0	0.001923682	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.000152931**
SO2_RUNEX	0	0.005434289	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.005434289**
SO2_STREX	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
TOG_DIURN	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
TOG_HTSK	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
TOG_IDLEX	0	0.124954127	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.009933754**
TOG_RESTL	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
TOG_RUNEX	0	0.163104048	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.163104048**
TOG_RUNLS	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
TOG_STREX	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
CH4_IDLEX	0	0.005098128	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.000405297**
CH4_RUNEX	0	0.006654645	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.006654645**
CH4_STREX	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
CO_IDLEX	0	0.909745076	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.072324011**
CO_RUNEX	0	0.6467189	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.6467189**
CO_STREX	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
CO2_NBIO_IDLEX	0	203.4868088	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**16.17703971**
CO2_NBIO_RUNEX	0	574.8382367	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**574.8382367**
CO2_NBIO_STREX	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
NOX_IDLEX	0	1.714162406	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.13627455**
NOX_RUNEX	0	0.888373065	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.888373065**
NOX_STREX	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
PM10_IDLEX	0	0.027904434	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.00221838**
PM10_PMBW	0	0.089180026	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.089180026**
PM10_PMTW	0	0.012000003	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.012000003**
PM10_RUNEX	0	0.021439544	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.021439544**
PM10_STREX	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
PM25_IDLEX	0	0.0266973	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.002122414**
PM25_PMBW	0	0.038220011	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.038220011**
PM25_PMTW	0	0.003000001	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.003000001**
PM25_RUNEX	0	0.020512079	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.020512079**
PM25_STREX	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
ROG_DIURN	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
ROG_HTSK	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
ROG_IDLEX	0	0.109759705	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.008725809**
ROG_RESTL	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
ROG_RUNEX	0	0.143270596	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.143270596**
ROG_RUNLS	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
ROG_STREX	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
SO2_IDLEX	0	0.001923682	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.000152931**
SO2_RUNEX	0	0.005434289	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.005434289**
SO2_STREX	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
TOG_DIURN	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
TOG_HTSK	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
TOG_IDLEX	0	0.124954127	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.009933754**
TOG_RESTL	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
TOG_RUNEX	0	0.163104048	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.163104048**
TOG_RUNLS	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
TOG_STREX	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**

CH4_IDLEX	0	0.005098128	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.000405297**
CH4_RUNEX	0	0.006654645	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.006654645**
CH4_STREX	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
CO_IDLEX	0	0.909745076	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.072324011**
CO_RUNEX	0	0.6467189	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.6467189**
CO_STREX	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
CO2_NBIO_IDLEX	0	203.4868088	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**16.17703971**
CO2_NBIO_RUNEX	0	574.8382367	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**574.8382367**
CO2_NBIO_STREX	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
NOX_IDLEX	0	1.714162406	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.13627455**
NOX_RUNEX	0	0.932612967	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.932612967**
NOX_STREX	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
PM10_IDLEX	0	0.027904434	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.00221838**
PM10_PMBW	0	0.089180026	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.089180026**
PM10_PMTW	0	0.012000003	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.012000003**
PM10_RUNEX	0	0.021439544	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.021439544**
PM10_STREX	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
PM25_IDLEX	0	0.0266973	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.002122414**
PM25_PMBW	0	0.038220011	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.038220011**
PM25_PMTW	0	0.003000001	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.003000001**
PM25_RUNEX	0	0.020512079	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.020512079**
PM25_STREX	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
ROG_DIURN	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
ROG_HTSK	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
ROG_IDLEX	0	0.109759705	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.008725809**
ROG_RESTL	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
ROG_RUNEX	0	0.143270596	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.143270596**
ROG_RUNLS	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
ROG_STREX	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
SO2_IDLEX	0	0.001923682	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.000152931**
SO2_RUNEX	0	0.005434289	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.005434289**
SO2_STREX	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
TOG_DIURN	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
TOG_HTSK	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
TOG_IDLEX	0	0.124954127	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.009933754**
TOG_RESTL	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
TOG_RUNEX	0	0.163104048	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0.163104048**
TOG_RUNLS	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**
TOG_STREX	0	0	0	0	3262.552721	0	0	116869.5778	0	0	41038.80893	0	**0**

MHDT CalEEMod Emission Rate Worksheet

Vehicle Class: MHDT

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	ELEC	MHDT Gas	MHDT DSL	MHDT Elec	MHDT Gas	MHDT DSL	MHDT Elec	MHDT Gas	MHDT DSL	MHDT Elec	**Rate**
CH4_IDLEX	0	0.003866213	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.000409624**
CH4_RUNEX	0	0.000551682	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.000551682**
CH4_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
CO_IDLEX	0	3.105778257	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.329056466**
CO_RUNEX	0	0.120474249	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.120474249**
CO_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
CO2_NBIO_IDLEX	0	956.7578081	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**101.3682618**
CO2_NBIO_RUNEX	0	965.8248903	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**965.8248903**
CO2_NBIO_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
NOX_IDLEX	0	5.987926838	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.634419422**
NOX_RUNEX	0	1.695039431	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**1.695039431**
NOX_STREX	0	2.160253558	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**2.160253558**
PM10_IDLEX	0	0.004029616	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.000426937**
PM10_PMBW	0	0.130340037	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.012000003**
PM10_RUNEX	0	0.008310114	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.008310114**
PM10_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
PM25_IDLEX	0	0.003855296	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.000408468**
PM25_PMBW	0	0.055860016	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.003000001**
PM25_RUNEX	0	0.007950622	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.007950622**
PM25_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
ROG_DIURN	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
ROG_HTSK	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
ROG_IDLEX	0	0.083238509	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.0088191**
ROG_RESTL	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
ROG_RUNEX	0	0.011877554	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.011877554**
ROG_RUNLS	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
ROG_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
SO2_IDLEX	0	0.009038973	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.000957677**
SO2_RUNEX	0	0.009124635	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.009124635**
SO2_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
TOG_DIURN	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
TOG_HTSK	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
TOG_IDLEX	0	0.094760706	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.010039874**
TOG_RESTL	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
TOG_RUNEX	0	0.013521691	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.013521691**
TOG_RUNLS	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
TOG_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
CH4_IDLEX	0	0.004043923	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.000428453**
CH4_RUNEX	0	0.000551682	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.000551682**
CH4_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
CO_IDLEX	0	3.038353656	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.321912846**
CO_RUNEX	0	0.120474249	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.120474249**
CO_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
CO2_NBIO_IDLEX	0	951.6197742	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**100.8238884**
CO2_NBIO_RUNEX	0	965.8248903	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**965.8248903**
CO2_NBIO_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
NOX_IDLEX	0	5.843262426	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.619092262**
NOX_RUNEX	0	1.631664338	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**1.631664338**
NOX_STREX	0	2.160253558	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**2.160253558**
PM10_IDLEX	0	0.003445856	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.000365088**
PM10_PMBW	0	0.130340037	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.012000003**
PM10_RUNEX	0	0.008310114	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.008310114**
PM10_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
PM25_IDLEX	0	0.003296789	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.000349294**
PM25_PMBW	0	0.055860016	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.003000001**
PM25_RUNEX	0	0.007950622	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.007950622**
PM25_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
ROG_DIURN	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
ROG_HTSK	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
ROG_IDLEX	0	0.087064554	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.009224469**
ROG_RESTL	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
ROG_RUNEX	0	0.011877554	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.011877554**
ROG_RUNLS	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
ROG_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
SO2_IDLEX	0	0.008990432	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.000952534**
SO2_RUNEX	0	0.009124635	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.009124635**
SO2_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
TOG_DIURN	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
TOG_HTSK	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
TOG_IDLEX	0	0.099116367	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.010501355**
TOG_RESTL	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
TOG_RUNEX	0	0.013521691	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.013521691**
TOG_RUNLS	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
TOG_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**

CH4_IDLEX	0	0.003620804	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.000383623**
CH4_RUNEX	0	0.000551682	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.000551682**
CH4_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
CO_IDLEX	0	3.198888419	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.338921466**
CO_RUNEX	0	0.120474249	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.120474249**
CO_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
CO2_NBIO_IDLEX	0	963.8531884	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**102.1200157**
CO2_NBIO_RUNEX	0	965.8248903	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**965.8248903**
CO2_NBIO_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
NOX_IDLEX	0	6.187701504	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.6555855**
NOX_RUNEX	0	1.720963287	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**1.720963287**
NOX_STREX	0	2.160253558	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**2.160253558**
PM10_IDLEX	0	0.004835761	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.000512348**
PM10_PMBW	0	0.130340037	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.012000003**
PM10_RUNEX	0	0.008310114	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.008310114**
PM10_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
PM25_IDLEX	0	0.004626568	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.000490184**
PM25_PMBW	0	0.055860016	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.003000001**
PM25_RUNEX	0	0.007950622	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.007950622**
PM25_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
ROG_DIURN	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
ROG_HTSK	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
ROG_IDLEX	0	0.077954924	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.008259306**
ROG_RESTL	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
ROG_RUNEX	0	0.011877554	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.011877554**
ROG_RUNLS	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
ROG_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
SO2_IDLEX	0	0.009106007	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.000964779**
SO2_RUNEX	0	0.009124635	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.009124635**
SO2_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
TOG_DIURN	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
TOG_HTSK	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
TOG_IDLEX	0	0.088745747	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.009402591**
TOG_RESTL	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
TOG_RUNEX	0	0.013521691	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0.013521691**
TOG_RUNLS	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**
TOG_STREX	0	0	0	0	5171.027343	0	0	267328.287	0	0	48806.4084	0	**0**

HHDT CalEEMod Emission Rate Worksheet

Vehicle Class: HHDT

Season	Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
		Gas	DSL	NG	HHDT Gas	HHDT DSL	HHDT NG	HHDT Gas	HHDT DSL	HHDT NG	HHDT Gas	HHDT DSL	HHDT NG	Rate
Annual	CH4_IDLEX	0	0.210468097	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.019824617**
Annual	CH4_RUNEX	0	0.00109612	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.00109612**
Annual	CH4_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Annual	CO_IDLEX	0	66.38462364	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**6.25296534**
Annual	CO_RUNEX	0	0.240832451	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.240832451**
Annual	CO_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Annual	CO2_NBIO_IDLEX	0	10412.40391	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**980.7753238**
Annual	CO2_NBIO_RUNEX	0	1299.851922	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**1299.851922**
Annual	CO2_NBIO_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Annual	NOX_IDLEX	0	55.53349917	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**5.230865621**
Annual	NOX_RUNEX	0	2.6194912	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**2.6194912**
Annual	NOX_STREX	0	2.404470981	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**2.404470981**
Annual	PM10_IDLEX	0	0.02438983	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.002297351**
Annual	PM10_PMBW	0	0.060879769	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.060879769**
Annual	PM10_PMTW	0	0.035498408	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.035498408**
Annual	PM10_RUNEX	0	0.024683492	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.024683492**
Annual	PM10_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Annual	PM25_IDLEX	0	0.023334737	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.002197968**
Annual	PM25_PMBW	0	0.02609133	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.02609133**
Annual	PM25_PMTW	0	0.008874602	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.008874602**
Annual	PM25_RUNEX	0	0.023615695	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.023615695**
Annual	PM25_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Annual	ROG_DIURN	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Annual	ROG_HTSK	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Annual	ROG_IDLEX	0	4.531320417	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.426818561**
Annual	ROG_RESTL	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Annual	ROG_RUNEX	0	0.023599155	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.023599155**
Annual	ROG_RUNLS	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Annual	ROG_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Annual	SO2_IDLEX	0	0.098371229	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.009265879**
Annual	SO2_RUNEX	0	0.012280356	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.012280356**
Annual	SO2_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Annual	TOG_DIURN	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Annual	TOG_HTSK	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Annual	TOG_IDLEX	0	5.158563365	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.485900441**
Annual	TOG_RESTL	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Annual	TOG_RUNEX	0	0.026865842	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.026865842**
Annual	TOG_RUNLS	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Annual	TOG_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Summer	CH4_IDLEX	0	0.22275251	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.020981722**
Summer	CH4_RUNEX	0	0.00109612	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.00109612**
Summer	CH4_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Summer	CO_IDLEX	0	65.46994988	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**6.166809495**
Summer	CO_RUNEX	0	0.240832451	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.240832451**
Summer	CO_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Summer	CO2_NBIO_IDLEX	0	10289.5636	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**969.2046295**
Summer	CO2_NBIO_RUNEX	0	1299.851922	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**1299.851922**
Summer	CO2_NBIO_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Summer	NOX_IDLEX	0	52.99260223	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**4.991530973**
Summer	NOX_RUNEX	0	2.524919167	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**2.524919167**
Summer	NOX_STREX	0	2.404470981	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**2.404470981**
Summer	PM10_IDLEX	0	0.021433838	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.002018917**
Summer	PM10_PMBW	0	0.060879769	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.060879769**
Summer	PM10_PMTW	0	0.035498408	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.035498408**
Summer	PM10_RUNEX	0	0.024683492	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.024683492**
Summer	PM10_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Summer	PM25_IDLEX	0	0.02050662	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.00193158**
Summer	PM25_PMBW	0	0.02609133	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.02609133**
Summer	PM25_PMTW	0	0.008874602	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.008874602**
Summer	PM25_RUNEX	0	0.023615695	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.023615695**
Summer	PM25_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Summer	ROG_DIURN	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Summer	ROG_HTSK	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Summer	ROG_IDLEX	0	4.795800462	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.451730724**
Summer	ROG_RESTL	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Summer	ROG_RUNEX	0	0.023599155	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.023599155**
Summer	ROG_RUNLS	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Summer	ROG_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Summer	SO2_IDLEX	0	0.097210695	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.009156565**
Summer	SO2_RUNEX	0	0.012280356	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.012280356**
Summer	SO2_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Summer	TOG_DIURN	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Summer	TOG_HTSK	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Summer	TOG_IDLEX	0	5.459653764	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.514261042**
Summer	TOG_RESTL	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Summer	TOG_RUNEX	0	0.026865842	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.026865842**
Summer	TOG_RUNLS	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Summer	TOG_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**

Winter	CH4_IDLEX	0	0.193503908	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.018226709**
Winter	CH4_RUNEX	0	0.00109612	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.00109612**
Winter	CH4_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Winter	CO_IDLEX	0	67.64774455	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**6.371942459**
Winter	CO_RUNEX	0	0.240832451	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.240832451**
Winter	CO_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Winter	CO2_NBIO_IDLEX	0	10582.04052	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**996.7539017**
Winter	CO2_NBIO_RUNEX	0	1299.851922	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**1299.851922**
Winter	CO2_NBIO_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Winter	NOX_IDLEX	0	59.04235686	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**5.561375372**
Winter	NOX_RUNEX	0	2.65998809	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**2.65998809**
Winter	NOX_STREX	0	2.404470981	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**2.404470981**
Winter	PM10_IDLEX	0	0.028471913	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.002681854**
Winter	PM10_PMBW	0	0.060879769	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.060879769**
Winter	PM10_PMTW	0	0.035498408	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.035498408**
Winter	PM10_RUNEX	0	0.024683492	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.024683492**
Winter	PM10_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Winter	PM25_IDLEX	0	0.027240231	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.002565838**
Winter	PM25_PMBW	0	0.02609133	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.02609133**
Winter	PM25_PMTW	0	0.008874602	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.008874602**
Winter	PM25_RUNEX	0	0.023615695	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.023615695**
Winter	PM25_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Winter	ROG_DIURN	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Winter	ROG_HTSK	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Winter	ROG_IDLEX	0	4.16608607	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.39241605**
Winter	ROG_RESTL	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Winter	ROG_RUNEX	0	0.023599155	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.023599155**
Winter	ROG_RUNLS	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Winter	ROG_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Winter	SO2_IDLEX	0	0.099973872	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.009416837**
Winter	SO2_RUNEX	0	0.012280356	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.012280356**
Winter	SO2_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Winter	TOG_DIURN	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Winter	TOG_HTSK	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Winter	TOG_IDLEX	0	4.742771863	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.446735802**
Winter	TOG_RESTL	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Winter	TOG_RUNEX	0	0.026865842	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0.026865842**
Winter	TOG_RUNLS	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**
Winter	TOG_STREX	0	0	0	0	5632.4195	0	0	686352.629	0	0	59796.59703	0	**0**

OBUS CalEEMod Emission Rate Worksheet

Vehicle Class: OBUS

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	OBUS Gas	OBUS DSL	OBUS NG	OBUS Gas	OBUS DSL	OBUS NG	OBUS Gas	OBUS DSL	OBUS NG	Rate
CH4_IDLEX	0	0.040806286	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.004205528**
CH4_RUNEX	0	0.000605059	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.000605059**
CH4_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
CO_IDLEX	0	14.05547395	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**1.448568049**
CO_RUNEX	0	0.143739976	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.143739976**
CO_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
CO2_NBIO_IDLEX	0	2539.102749	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**261.6818989**
CO2_NBIO_RUNEX	0	1113.676059	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**1113.676059**
CO2_NBIO_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
NOX_IDLEX	0	12.17668718	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**1.254938827**
NOX_RUNEX	0	1.849106135	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**1.849106135**
NOX_STREX	0	2.216391705	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**2.216391705**
PM10_IDLEX	0	0.00413608	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.000426268**
PM10_PMBW	0	0.130340037	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.012000003**
PM10_RUNEX	0	0.011774966	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.011774966**
PM10_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
PM25_IDLEX	0	0.003957155	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.000407827**
PM25_PMBW	0	0.055860016	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.003000001**
PM25_RUNEX	0	0.011265587	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.011265587**
PM25_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
ROG_DIURN	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
ROG_HTSK	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
ROG_IDLEX	0	0.878548156	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.090543855**
ROG_RESTL	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
ROG_RUNEX	0	0.013026765	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.013026765**
ROG_RUNLS	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
ROG_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
SO2_IDLEX	0	0.023988184	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.002472241**
SO2_RUNEX	0	0.010521459	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.010521459**
SO2_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
TOG_DIURN	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
TOG_HTSK	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
TOG_IDLEX	0	1.0001602	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.103077286**
TOG_RESTL	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
TOG_RUNEX	0	0.01482998	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.01482998**
TOG_RUNLS	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
TOG_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
CH4_IDLEX	0	0.043253476	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.004457737**
CH4_RUNEX	0	0.000605059	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.000605059**
CH4_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
CO_IDLEX	0	13.87258438	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**1.429719308**
CO_RUNEX	0	0.143739976	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.143739976**
CO_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
CO2_NBIO_IDLEX	0	2504.920584	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**258.1590585**
CO2_NBIO_RUNEX	0	1113.676059	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**1113.676059**
CO2_NBIO_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
NOX_IDLEX	0	11.56695313	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**1.192099162**
NOX_RUNEX	0	1.780951663	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**1.780951663**
NOX_STREX	0	2.216391705	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**2.216391705**
PM10_IDLEX	0	0.003675186	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.000378768**
PM10_PMBW	0	0.130340037	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.012000003**
PM10_RUNEX	0	0.011774966	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.011774966**
PM10_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
PM25_IDLEX	0	0.003516199	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.000362382**
PM25_PMBW	0	0.055860016	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.003000001**
PM25_RUNEX	0	0.011265587	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.011265587**
PM25_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
ROG_DIURN	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
ROG_HTSK	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
ROG_IDLEX	0	0.931235479	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.095973851**
ROG_RESTL	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
ROG_RUNEX	0	0.013026765	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.013026765**
ROG_RUNLS	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
ROG_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
SO2_IDLEX	0	0.023665248	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.002438959**
SO2_RUNEX	0	0.010521459	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.010521459**
SO2_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
TOG_DIURN	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
TOG_HTSK	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
TOG_IDLEX	0	1.060140706	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.109258924**
TOG_RESTL	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
TOG_RUNEX	0	0.01482998	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.01482998**
TOG_RUNLS	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
TOG_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**

CH4_IDLEX	0	0.037426834	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.003857239**
CH4_RUNEX	0	0.000605059	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.000605059**
CH4_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
CO_IDLEX	0	14.30803574	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**1.474597262**
CO_RUNEX	0	0.143739976	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.143739976**
CO_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
CO2_NBIO_IDLEX	0	2586.306691	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**266.5467738**
CO2_NBIO_RUNEX	0	1113.676059	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**1113.676059**
CO2_NBIO_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
NOX_IDLEX	0	13.01870088	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**1.341717411**
NOX_RUNEX	0	1.877312934	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**1.877312934**
NOX_STREX	0	2.216391705	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**2.216391705**
PM10_IDLEX	0	0.004772553	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.000491863**
PM10_PMBW	0	0.130340037	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.130340037**
PM10_PMTW	0	0.012000003	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.012000003**
PM10_RUNEX	0	0.011774966	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.011774966**
PM10_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
PM25_IDLEX	0	0.004566095	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.000470585**
PM25_PMBW	0	0.055860016	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.055860016**
PM25_PMTW	0	0.003000001	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.003000001**
PM25_RUNEX	0	0.011265587	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.011265587**
PM25_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
ROG_DIURN	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
ROG_HTSK	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
ROG_IDLEX	0	0.805789473	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.083045288**
ROG_RESTL	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
ROG_RUNEX	0	0.013026765	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.013026765**
ROG_RUNLS	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
ROG_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
SO2_IDLEX	0	0.024434143	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.002518202**
SO2_RUNEX	0	0.010521459	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.010521459**
SO2_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
TOG_DIURN	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
TOG_HTSK	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
TOG_IDLEX	0	0.917329977	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.094540739**
TOG_RESTL	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
TOG_RUNEX	0	0.01482998	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0.01482998**
TOG_RUNLS	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**
TOG_STREX	0	0	0	0	160.3587139	0	0	11638.17678	0	0	1555.96261	0	**0**

UBUS CalEEMod Emission Rate Worksheet

Vehicle Class: UBUS

Pollutant	Emission Rates				Population				VMT				Trips				CalEEMod Emission
	Gas	DSL	ELEC	NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	Rate
CH4_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CH4_RUNEX	0	0.072209421	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.072209421**
CH4_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CO_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CO_RUNEX	0	0.1217429	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.1217429**
CO_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CO2_NBIO_RUNEX	0	1535.676448	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**1535.676448**
CO2_NBIO_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
NOX_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
NOX_RUNEX	0	0.762240579	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.762240579**
NOX_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
PM10_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
PM10_PMBW	0	0.076593628	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.076593628**
PM10_PMTW	0	0.03080343	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.03080343**
PM10_RUNEX	0	0.005644979	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.005644979**
PM10_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
PM25_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
PM25_PMBW	0	0.03282584	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.03282584**
PM25_PMTW	0	0.007700858	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.007700858**
PM25_RUNEX	0	0.00540078	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.00540078**
PM25_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
ROG_DIURN	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
ROG_HTSK	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
ROG_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
ROG_RESTL	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
ROG_RUNEX	0	0.00103173	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.00103173**
ROG_RUNLS	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
ROG_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
SO2_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
SO2_RUNEX	0	0.014517665	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.014517665**
SO2_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
TOG_DIURN	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
TOG_HTSK	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
TOG_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
TOG_RESTL	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
TOG_RUNEX	0	0.073695011	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.073695011**
TOG_RUNLS	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
TOG_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CH4_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CH4_RUNEX	0	0.072209421	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.072209421**
CH4_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CO_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CO_RUNEX	0	0.1217429	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.1217429**
CO_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CO2_NBIO_RUNEX	0	1535.676448	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**1535.676448**
CO2_NBIO_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
NOX_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
NOX_RUNEX	0	0.762240579	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.762240579**
NOX_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
PM10_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
PM10_PMBW	0	0.076593628	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.076593628**
PM10_PMTW	0	0.03080343	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.03080343**
PM10_RUNEX	0	0.005644979	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.005644979**
PM10_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
PM25_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
PM25_PMBW	0	0.03282584	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.03282584**
PM25_PMTW	0	0.007700858	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.007700858**
PM25_RUNEX	0	0.00540078	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.00540078**
PM25_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
ROG_DIURN	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
ROG_HTSK	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
ROG_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
ROG_RESTL	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
ROG_RUNEX	0	0.00103173	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.00103173**
ROG_RUNLS	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
ROG_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
SO2_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
SO2_RUNEX	0	0.014517665	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.014517665**
SO2_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
TOG_DIURN	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
TOG_HTSK	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
TOG_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
TOG_RESTL	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
TOG_RUNEX	0	0.073695011	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.073695011**
TOG_RUNLS	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
TOG_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**

CH4_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CH4_RUNEX	0	0.072209421	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.072209421**
CH4_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CO_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CO_RUNEX	0	0.1217429	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.1217429**
CO_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
CO2_NBIO_RUNEX	0	1535.676448	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**1535.676448**
CO2_NBIO_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
NOX_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
NOX_RUNEX	0	0.762240579	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.762240579**
NOX_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
PM10_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
PM10_PMBW	0	0.076593628	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.076593628**
PM10_PMTW	0	0.03080343	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.03080343**
PM10_RUNEX	0	0.005644979	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.005644979**
PM10_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
PM25_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
PM25_PMBW	0	0.03282584	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.03282584**
PM25_PMTW	0	0.007700858	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.007700858**
PM25_RUNEX	0	0.00540078	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.00540078**
PM25_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
ROG_DIURN	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
ROG_HTSK	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
ROG_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
ROG_RESTL	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
ROG_RUNEX	0	0.00103173	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.00103173**
ROG_RUNLS	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
ROG_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
SO2_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
SO2_RUNEX	0	0.014517665	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.014517665**
SO2_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
TOG_DIURN	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
TOG_HTSK	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
TOG_IDLEX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
TOG_RESTL	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
TOG_RUNEX	0	0.073695011	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0.073695011**
TOG_RUNLS	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**
TOG_STREX	0	0	0	0	0	187.8032308	0	0	0	18957.48588	0	0	0	751.2129233	0	0	**0**

MCY CalEEMod Emission Rate Worksheet

Vehicle Class: MCY

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	MCY Gas	MCY DSL	MCY NG	MCY Gas	MCY DSL	MCY NG	MCY Gas	MCY DSL	MCY NG	Rate
CH4_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**

CH4_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CH4_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
CO2_NBIO_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
NOX_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM10_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMBW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_PMTW	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
PM25_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
ROG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
SO2_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_DIURN	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_HTSK	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_IDLEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNEX	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_RUNLS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOG_STREX	0	0	0	0	0	0	0	0	0	0	0	0	**0**

SBUS CalEEMod Emission Rate Worksheet

Vehicle Class: SBUS

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	SBUS Gas	SBUS DSL	SBUS NG	SBUS Gas	SBUS DSL	SBUS NG	SBUS Gas	SBUS DSL	SBUS NG	**Rate**
CH4_IDLEX	0	0.012530205	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.001085819**
CH4_RUNEX	0	0.001712212	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.001712212**
CH4_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
CO_IDLEX	0	9.669031048	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.837881041**
CO_RUNEX	0	0.146662256	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.146662256**
CO_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
CO2_NBIO_IDLEX	0	3203.69633	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**277.6200018**
CO2_NBIO_RUNEX	0	958.1641722	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**958.1641722**
CO2_NBIO_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
NOX_IDLEX	0	23.24898692	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**2.014667785**
NOX_RUNEX	0	2.500127079	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**2.500127079**
NOX_STREX	0	1.730908341	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**1.730908341**
PM10_IDLEX	0	0.013366906	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.001158325**
PM10_PMBW	0	0.744800213	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.744800213**
PM10_PMTW	0	0.012000003	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.012000003**
PM10_RUNEX	0	0.015263443	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.015263443**
PM10_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
PM25_IDLEX	0	0.01278866	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.001108216**
PM25_PMBW	0	0.319200091	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.319200091**
PM25_PMTW	0	0.003000001	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.003000001**
PM25_RUNEX	0	0.014603153	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.014603153**
PM25_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
ROG_DIURN	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
ROG_HTSK	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
ROG_IDLEX	0	0.269771877	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.023377393**
ROG_RESTL	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
ROG_RUNEX	0	0.036863456	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.036863456**
ROG_RUNLS	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
ROG_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
SO2_IDLEX	0	0.030266934	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.002622816**
SO2_RUNEX	0	0.00905226	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.00905226**
SO2_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
TOG_DIURN	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
TOG_HTSK	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
TOG_IDLEX	0	0.307114747	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.026613383**
TOG_RESTL	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
TOG_RUNEX	0	0.041966239	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.041966239**
TOG_RUNLS	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
TOG_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
CH4_IDLEX	0	0.013026902	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.001128861**
CH4_RUNEX	0	0.001712212	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.001712212**
CH4_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
CO_IDLEX	0	9.408165738	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.815275457**
CO_RUNEX	0	0.146662256	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.146662256**
CO_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
CO2_NBIO_IDLEX	0	3212.154904	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**278.3529892**
CO2_NBIO_RUNEX	0	958.1641722	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**958.1641722**
CO2_NBIO_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
NOX_IDLEX	0	22.98591959	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**1.991871382**
NOX_RUNEX	0	2.403715375	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**2.403715375**
NOX_STREX	0	1.730908341	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**1.730908341**
PM10_IDLEX	0	0.011424277	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.000989984**
PM10_PMBW	0	0.744800213	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.744800213**
PM10_PMTW	0	0.012000003	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.012000003**
PM10_RUNEX	0	0.015263443	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.015263443**
PM10_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
PM25_IDLEX	0	0.010930068	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.000947158**
PM25_PMBW	0	0.319200091	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.319200091**
PM25_PMTW	0	0.003000001	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.003000001**
PM25_RUNEX	0	0.014603153	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.014603153**
PM25_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
ROG_DIURN	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
ROG_HTSK	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
ROG_IDLEX	0	0.280465618	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.024304072**
ROG_RESTL	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
ROG_RUNEX	0	0.036863456	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.036863456**
ROG_RUNLS	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
ROG_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
SO2_IDLEX	0	0.030346847	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.002629741**
SO2_RUNEX	0	0.00905226	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.00905226**
SO2_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
TOG_DIURN	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
TOG_HTSK	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
TOG_IDLEX	0	0.319288756	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.027668336**
TOG_RESTL	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
TOG_RUNEX	0	0.041966239	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.041966239**
TOG_RUNLS	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
TOG_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**

CH4_IDLEX	0	0.011844291	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.001026381**
CH4_RUNEX	0	0.001712212	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.001712212**
CH4_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
CO_IDLEX	0	10.02927362	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.869098277**
CO_RUNEX	0	0.146662256	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.146662256**
CO_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
CO2_NBIO_IDLEX	0	3192.015443	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**276.607781**
CO2_NBIO_RUNEX	0	958.1641722	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**958.1641722**
CO2_NBIO_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
NOX_IDLEX	0	23.61227037	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**2.046148532**
NOX_RUNEX	0	2.54011242	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**2.54011242**
NOX_STREX	0	1.730908341	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**1.730908341**
PM10_IDLEX	0	0.016049585	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.001390795**
PM10_PMBW	0	0.744800213	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.744800213**
PM10_PMTW	0	0.012000003	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.012000003**
PM10_RUNEX	0	0.015263443	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.015263443**
PM10_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
PM25_IDLEX	0	0.015355287	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.00133063**
PM25_PMBW	0	0.319200091	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.319200091**
PM25_PMTW	0	0.003000001	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.003000001**
PM25_RUNEX	0	0.014603153	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.014603153**
PM25_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
ROG_DIURN	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
ROG_HTSK	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
ROG_IDLEX	0	0.255004331	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.022097695**
ROG_RESTL	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
ROG_RUNEX	0	0.036863456	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.036863456**
ROG_RUNLS	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
ROG_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
SO2_IDLEX	0	0.030156579	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.002613253**
SO2_RUNEX	0	0.00905226	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.00905226**
SO2_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
TOG_DIURN	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
TOG_HTSK	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
TOG_IDLEX	0	0.29030302	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.025156543**
TOG_RESTL	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
TOG_RUNEX	0	0.041966239	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0.041966239**
TOG_RUNLS	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**
TOG_STREX	0	0	0	0	1188.627874	0	0	38909.50074	0	0	13716.60086	0	**0**

MH CalEEMod Emission Rate Worksheet

Vehicle Class: MH

Pollutant	Emission Rates			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	MH Gas	MH DSL	MH NG	MH Gas	MH DSL	MH NG	MH Gas	MH DSL	MH NG	**Rate**
CH4_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CH4_RUNEX	0.004953271	0.004953271	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.004953271**
CH4_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CO_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CO_RUNEX	0.372362684	0.372362684	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.372362684**
CO_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CO2_NBIO_RUNEX	971.9622733	971.9622733	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**971.9622733**
CO2_NBIO_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
NOX_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
NOX_RUNEX	3.927682823	3.927682823	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**3.927682823**
NOX_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
PM10_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.016000005**
PM10_RUNEX	0.085114785	0.085114785	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.085114785**
PM10_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
PM25_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.004000001**
PM25_RUNEX	0.081432757	0.081432757	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.081432757**
PM25_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
ROG_DIURN	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
ROG_HTSK	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
ROG_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
ROG_RESTL	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
ROG_RUNEX	0.106641017	0.106641017	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.106641017**
ROG_RUNLS	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
ROG_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
SO2_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
SO2_RUNEX	0.009188539	0.009188539	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.009188539**
SO2_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
TOG_DIURN	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
TOG_HTSK	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
TOG_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
TOG_RESTL	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
TOG_RUNEX	0.121403708	0.121403708	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.121403708**
TOG_RUNLS	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
TOG_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CH4_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CH4_RUNEX	0.004953271	0.004953271	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.004953271**
CH4_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CO_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CO_RUNEX	0.372362684	0.372362684	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.372362684**
CO_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CO2_NBIO_RUNEX	971.9622733	971.9622733	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**971.9622733**
CO2_NBIO_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
NOX_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
NOX_RUNEX	3.780781722	3.780781722	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**3.780781722**
NOX_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
PM10_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.016000005**
PM10_RUNEX	0.085114785	0.085114785	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.085114785**
PM10_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
PM25_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.004000001**
PM25_RUNEX	0.081432757	0.081432757	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.081432757**
PM25_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
ROG_DIURN	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
ROG_HTSK	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
ROG_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
ROG_RESTL	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
ROG_RUNEX	0.106641017	0.106641017	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.106641017**
ROG_RUNLS	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
ROG_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
SO2_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
SO2_RUNEX	0.009188539	0.009188539	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.009188539**
SO2_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
TOG_DIURN	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
TOG_HTSK	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
TOG_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
TOG_RESTL	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
TOG_RUNEX	0.121403708	0.121403708	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.121403708**
TOG_RUNLS	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
TOG_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**

CH4_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CH4_RUNEX	0.004953271	0.004953271	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.004953271**
CH4_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CO_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CO_RUNEX	0.372362684	0.372362684	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.372362684**
CO_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CO2_NBIO_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
CO2_NBIO_RUNEX	971.9622733	971.9622733	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**971.9622733**
CO2_NBIO_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
NOX_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
NOX_RUNEX	3.987794786	3.987794786	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**3.987794786**
NOX_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
PM10_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
PM10_PMBW	0.130340037	0.130340037	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.130340037**
PM10_PMTW	0.016000005	0.016000005	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.016000005**
PM10_RUNEX	0.085114785	0.085114785	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.085114785**
PM10_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
PM25_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
PM25_PMBW	0.055860016	0.055860016	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.055860016**
PM25_PMTW	0.004000001	0.004000001	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.004000001**
PM25_RUNEX	0.081432757	0.081432757	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.081432757**
PM25_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
ROG_DIURN	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
ROG_HTSK	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
ROG_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
ROG_RESTL	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
ROG_RUNEX	0.106641017	0.106641017	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.106641017**
ROG_RUNLS	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
ROG_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
SO2_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
SO2_RUNEX	0.009188539	0.009188539	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.009188539**
SO2_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
TOG_DIURN	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
TOG_HTSK	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
TOG_IDLEX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
TOG_RESTL	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
TOG_RUNEX	0.121403708	0.121403708	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0.121403708**
TOG_RUNLS	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**
TOG_STREX	0	0	0	0	817.4925366	0	0	7205.010974	0	0	81.74925366	0	**0**

Water Budget Workbook for New and Rehabilitated Non-Residential Landscapes

Beta Version 1.30

June 13, 2017

Califonia Department of Water Resources
Statewide Integrated Water Management
Water Use and Efficiency Branch

This program calculates Maximum Applied Water Allowance (MAWA) and Estimated Total Water Use (ETWU) based on reference evapotranspiration from Appendix A in the Model Water Efficiency Landscape Ordinance

All information provided by the Department of Water Resources is made available to provide immediate access for the convenience of interested persons. While the Department believes the information to be reliable, human or mechanical error remains a possibility. Therefore, the Department does not guarantee the accuracy, completeness, timeliness, or correct sequencing of the information. Neither the Department of Water Resources nor any of the sources of the information shall be responsible for any errors or omissions, or for the use or results obtained from the use of this information.

Instructions

Cells with pale blue background are for entering data

Results show in cells with tan background

Messages and warnings are displayed in cells with yellow background

1) Select city by clicking on blue cell and

choosing a city from the drop down menu ETo

appears in the tan cell below the name of the city

2) Enter square footage of overhead spray irrigated landscape area

3) Enter square footage of drip irrigated landscape area

4) Enter square footage of Special Landscape Area (SLA)

5) MAWA results appear in the tan cells

6) If you are considering effective precipitation (Eppt), enter total annual precipitation.

7) Eppt

8) For comparison, MAWA without effective precipitation is displayed below

MAWA without Eppt (Gallons)

Maximum Applied Water Allowance Calculations for New and Rehabilitated Non-Residential Landscapes

Enter value in Pale Blue Cells

Tan Cells Show Results

Messages and Warnings

Click on the blue cell on right to Pick City Name	**Oakland**	**Name of City**
ET_o of City from Appendix A	**41.80**	**ET_o** (inches/year)
	138,869	Overhead Landscape Area (ft^2)
		Drip Landscape Area (ft^2)
		SLA (ft^2)
Total Landscape Area	**138,869**	
Results:		
$(ET_o) \times (0.62) \times [(0.45 \times LA) + (1.0 - 0.45) \times SLA)]$	**1,619,771**	Gallons
	216,533	Cubic Feet
	2,165	HCF
	5	Acre-feet
	2	Millions of Gallons
MAWA calculation incorporating Effective Precipitation (Optional)		
Precipitation (Optional)		
ET_o of City from Appendix A	**42**	ET_o (inches/year)
Total Landscape Area	**138,869**	LA (ft^2)
Special Landscape Area	**0**	SLA (ft^2)
		Total annual precipitiation (inches/year) *** DO NOT ENTER ***
Enter Effective Precipitation	**0.00**	Eppt (in/yr)(25% of total annual precipitation)
Results:		
$MAWA = [(ET_o - Eppt) \times (0.62)] \times [(0.45 \times LA) + ((1.0 - 0.45) \times SLA)]$	-	Gallons
	-	Cubic Feet
	-	HCF
	-	Acre-feet
	-	Millions of Gallons

Appendix B – Modeling Files

Main_2021

Contra Costa County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	18.53	1000sqft	0.43	18,529.00	0
Industrial Park	165.46	1000sqft	3.80	165,456.00	0
Other Asphalt Surfaces	14.73	Acre	14.73	641,537.00	0
Other Non-Asphalt Surfaces	3.19	Acre	3.19	0.00	0
Parking Lot	9.74	Acre	9.74	424,302.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	5			**Operational Year**	2021
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	206.29	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See assumptions file.

Land Use - See assumptions file.

Construction Phase -

Vehicle Trips - See assumptions file.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Area Coating - See assumptions file.

Energy Use - See assumptions file.

Water And Wastewater - See assumptions file.

Solid Waste -

Energy Mitigation -

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	63950	25458
tblEnergyUse	T24E	4.10	3.66
tblEnergyUse	T24E	4.10	3.66
tblEnergyUse	T24NG	18.32	18.14
tblEnergyUse	T24NG	18.32	18.14
tblFleetMix	HHD	0.02	0.00
tblFleetMix	LDA	0.58	0.99
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	5.0830e-003	0.00
tblFleetMix	MCY	5.4540e-003	9.2790e-003
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MH	8.7100e-004	0.00

tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	1.6050e-003	0.00
tblFleetMix	SBUS	2.7460e-003	0.00
tblFleetMix	UBUS	1.8100e-003	0.00
tblLandUse	LandUseSquareFeet	18,530.00	18,529.00
tblLandUse	LandUseSquareFeet	165,460.00	165,456.00
tblLandUse	LandUseSquareFeet	641,638.80	641,537.00
tblLandUse	LandUseSquareFeet	138,956.40	0.00
tblLandUse	LandUseSquareFeet	424,274.40	424,302.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	206.29
tblVehicleEF	HHD	0.62	0.02
tblVehicleEF	HHD	0.05	0.05
tblVehicleEF	HHD	0.12	0.00
tblVehicleEF	HHD	2.56	5.60
tblVehicleEF	HHD	0.92	0.68
tblVehicleEF	HHD	2.99	5.3910e-003
tblVehicleEF	HHD	4,622.54	1,080.92
tblVehicleEF	HHD	1,632.59	1,544.99
tblVehicleEF	HHD	8.73	0.05
tblVehicleEF	HHD	21.39	5.92
tblVehicleEF	HHD	3.99	4.09
tblVehicleEF	HHD	19.83	1.87
tblVehicleEF	HHD	0.02	8.6720e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	1.0100e-004	1.0000e-006

tblVehicleEF	HHD	0.02	8.2970e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8040e-003	8.8580e-003
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	9.2000e-005	1.0000e-006
tblVehicleEF	HHD	9.3000e-005	3.0000e-006
tblVehicleEF	HHD	5.1840e-003	1.4300e-004
tblVehicleEF	HHD	0.66	0.43
tblVehicleEF	HHD	6.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.14	0.14
tblVehicleEF	HHD	4.5200e-004	7.8900e-004
tblVehicleEF	HHD	0.10	2.0000e-006
tblVehicleEF	HHD	0.04	0.01
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.3700e-004	0.00
tblVehicleEF	HHD	9.3000e-005	3.0000e-006
tblVehicleEF	HHD	5.1840e-003	1.4300e-004
tblVehicleEF	HHD	0.76	0.50
tblVehicleEF	HHD	6.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.19	0.20
tblVehicleEF	HHD	4.5200e-004	7.8900e-004
tblVehicleEF	HHD	0.11	2.0000e-006
tblVehicleEF	HHD	0.58	0.03
tblVehicleEF	HHD	0.05	0.05
tblVehicleEF	HHD	0.11	0.00
tblVehicleEF	HHD	1.87	5.46
tblVehicleEF	HHD	0.93	0.68

tblVehicleEF	HHD	2.72	4.9100e-003
tblVehicleEF	HHD	4,895.40	1,078.78
tblVehicleEF	HHD	1,632.59	1,544.99
tblVehicleEF	HHD	8.73	0.05
tblVehicleEF	HHD	22.07	5.77
tblVehicleEF	HHD	3.84	3.94
tblVehicleEF	HHD	19.81	1.87
tblVehicleEF	HHD	0.02	8.0580e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	1.0100e-004	1.0000e-006
tblVehicleEF	HHD	0.02	7.7100e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8040e-003	8.8580e-003
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	9.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.5700e-004	9.0000e-006
tblVehicleEF	HHD	5.8010e-003	1.6500e-004
tblVehicleEF	HHD	0.62	0.45
tblVehicleEF	HHD	1.6000e-004	6.0000e-006
tblVehicleEF	HHD	0.14	0.14
tblVehicleEF	HHD	4.5000e-004	7.9300e-004
tblVehicleEF	HHD	0.09	2.0000e-006
tblVehicleEF	HHD	0.05	0.01
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.3300e-004	0.00

tblVehicleEF	HHD	2.5700e-004	9.0000e-006
tblVehicleEF	HHD	5.8010e-003	1.6500e-004
tblVehicleEF	HHD	0.72	0.52
tblVehicleEF	HHD	1.6000e-004	6.0000e-006
tblVehicleEF	HHD	0.19	0.20
tblVehicleEF	HHD	4.5000e-004	7.9300e-004
tblVehicleEF	HHD	0.10	2.0000e-006
tblVehicleEF	HHD	0.67	0.02
tblVehicleEF	HHD	0.04	6.4090e-003
tblVehicleEF	HHD	0.13	0.00
tblVehicleEF	HHD	3.52	5.70
tblVehicleEF	HHD	0.91	0.53
tblVehicleEF	HHD	3.25	5.8480e-003
tblVehicleEF	HHD	4,245.74	1,068.09
tblVehicleEF	HHD	1,632.59	1,500.76
tblVehicleEF	HHD	8.73	0.05
tblVehicleEF	HHD	20.45	6.05
tblVehicleEF	HHD	4.06	4.14
tblVehicleEF	HHD	19.85	1.87
tblVehicleEF	HHD	0.02	9.4270e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.03
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	1.0100e-004	1.0000e-006
tblVehicleEF	HHD	0.02	9.0190e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8040e-003	8.7330e-003

tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	9.2000e-005	1.0000e-006
tblVehicleEF	HHD	3.2000e-005	1.0000e-006
tblVehicleEF	HHD	5.5160e-003	1.6300e-004
tblVehicleEF	HHD	0.71	0.41
tblVehicleEF	HHD	2.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.14	0.14
tblVehicleEF	HHD	4.9700e-004	8.5000e-004
tblVehicleEF	HHD	0.11	2.0000e-006
tblVehicleEF	HHD	0.04	0.01
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.4200e-004	0.00
tblVehicleEF	HHD	3.2000e-005	1.0000e-006
tblVehicleEF	HHD	5.5160e-003	1.6300e-004
tblVehicleEF	HHD	0.82	0.46
tblVehicleEF	HHD	2.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.19	0.16
tblVehicleEF	HHD	4.9700e-004	8.5000e-004
tblVehicleEF	HHD	0.12	2.0000e-006
tblVehicleEF	LDA	4.4820e-003	2.6790e-003
tblVehicleEF	LDA	6.8080e-003	0.06
tblVehicleEF	LDA	0.59	0.66
tblVehicleEF	LDA	1.41	2.37
tblVehicleEF	LDA	261.27	264.09
tblVehicleEF	LDA	59.37	55.86
tblVehicleEF	LDA	0.06	0.04
tblVehicleEF	LDA	0.09	0.21

tblVehicleEF	LDA	1.8160e-003	1.5430e-003
tblVehicleEF	LDA	2.3520e-003	1.9650e-003
tblVehicleEF	LDA	1.6750e-003	1.4220e-003
tblVehicleEF	LDA	2.1630e-003	1.8070e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.11	0.12
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.24
tblVehicleEF	LDA	0.09	0.28
tblVehicleEF	LDA	2.6160e-003	2.6060e-003
tblVehicleEF	LDA	6.1800e-004	5.5200e-004
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.11	0.12
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.24
tblVehicleEF	LDA	0.10	0.30
tblVehicleEF	LDA	5.0850e-003	3.0860e-003
tblVehicleEF	LDA	5.4730e-003	0.05
tblVehicleEF	LDA	0.72	0.81
tblVehicleEF	LDA	1.08	1.81
tblVehicleEF	LDA	285.72	288.32
tblVehicleEF	LDA	59.37	54.78
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.08	0.19
tblVehicleEF	LDA	1.8160e-003	1.5430e-003

tblVehicleEF	LDA	2.3520e-003	1.9650e-003
tblVehicleEF	LDA	1.6750e-003	1.4220e-003
tblVehicleEF	LDA	2.1630e-003	1.8070e-003
tblVehicleEF	LDA	0.09	0.12
tblVehicleEF	LDA	0.13	0.13
tblVehicleEF	LDA	0.07	0.11
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.23
tblVehicleEF	LDA	0.07	0.22
tblVehicleEF	LDA	2.8630e-003	2.8460e-003
tblVehicleEF	LDA	6.1200e-004	5.4100e-004
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tblVehicleEF	LDA	0.07	0.11
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.23
tblVehicleEF	LDA	0.08	0.24
tblVehicleEF	LDA	4.3650e-003	2.5680e-003
tblVehicleEF	LDA	7.8030e-003	0.07
tblVehicleEF	LDA	0.58	0.65
tblVehicleEF	LDA	1.68	2.83
tblVehicleEF	LDA	257.92	260.78
tblVehicleEF	LDA	59.37	56.72
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.10	0.24
tblVehicleEF	LDA	1.8160e-003	1.5430e-003
tblVehicleEF	LDA	2.3520e-003	1.9650e-003

tblVehicleEF	LDA	1.6750e-003	1.4220e-003
tblVehicleEF	LDA	2.1630e-003	1.8070e-003
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.12	0.12
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.05	0.28
tblVehicleEF	LDA	0.11	0.32
tblVehicleEF	LDA	2.5830e-003	2.5740e-003
tblVehicleEF	LDA	6.2200e-004	5.6000e-004
tblVehicleEF	LDA	0.01	0.02
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tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.05	0.28
tblVehicleEF	LDA	0.12	0.35
tblVehicleEF	LDT1	9.8120e-003	6.0360e-003
tblVehicleEF	LDT1	0.02	0.09
tblVehicleEF	LDT1	1.19	1.23
tblVehicleEF	LDT1	3.22	2.61
tblVehicleEF	LDT1	320.68	314.35
tblVehicleEF	LDT1	73.07	67.44
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.18	0.30
tblVehicleEF	LDT1	2.3560e-003	2.0660e-003
tblVehicleEF	LDT1	3.2880e-003	2.6890e-003
tblVehicleEF	LDT1	2.1690e-003	1.9010e-003

tblVehicleEF	LDT1	3.0240e-003	2.4730e-003
tblVehicleEF	LDT1	0.10	0.11
tblVehicleEF	LDT1	0.27	0.22
tblVehicleEF	LDT1	0.08	0.10
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.17	0.80
tblVehicleEF	LDT1	0.22	0.44
tblVehicleEF	LDT1	3.2200e-003	3.1040e-003
tblVehicleEF	LDT1	7.8700e-004	6.6600e-004
tblVehicleEF	LDT1	0.10	0.11
tblVehicleEF	LDT1	0.27	0.22
tblVehicleEF	LDT1	0.08	0.10
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.17	0.80
tblVehicleEF	LDT1	0.24	0.48
tblVehicleEF	LDT1	0.01	6.8700e-003
tblVehicleEF	LDT1	0.01	0.07
tblVehicleEF	LDT1	1.41	1.47
tblVehicleEF	LDT1	2.44	1.98
tblVehicleEF	LDT1	349.48	339.41
tblVehicleEF	LDT1	73.07	66.14
tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.16	0.27
tblVehicleEF	LDT1	2.3560e-003	2.0660e-003
tblVehicleEF	LDT1	3.2880e-003	2.6890e-003
tblVehicleEF	LDT1	2.1690e-003	1.9010e-003
tblVehicleEF	LDT1	3.0240e-003	2.4730e-003

tblVehicleEF	LDT1	0.26	0.29
tblVehicleEF	LDT1	0.32	0.27
tblVehicleEF	LDT1	0.20	0.22
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.16	0.75
tblVehicleEF	LDT1	0.18	0.35
tblVehicleEF	LDT1	3.5120e-003	3.3510e-003
tblVehicleEF	LDT1	7.7300e-004	6.5300e-004
tblVehicleEF	LDT1	0.26	0.29
tblVehicleEF	LDT1	0.32	0.27
tblVehicleEF	LDT1	0.20	0.22
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.16	0.75
tblVehicleEF	LDT1	0.19	0.38
tblVehicleEF	LDT1	9.6250e-003	5.8160e-003
tblVehicleEF	LDT1	0.02	0.10
tblVehicleEF	LDT1	1.17	1.21
tblVehicleEF	LDT1	3.85	3.12
tblVehicleEF	LDT1	316.73	310.94
tblVehicleEF	LDT1	73.07	68.47
tblVehicleEF	LDT1	0.14	0.12
tblVehicleEF	LDT1	0.20	0.33
tblVehicleEF	LDT1	2.3560e-003	2.0660e-003
tblVehicleEF	LDT1	3.2880e-003	2.6890e-003
tblVehicleEF	LDT1	2.1690e-003	1.9010e-003
tblVehicleEF	LDT1	3.0240e-003	2.4730e-003
tblVehicleEF	LDT1	0.03	0.03

tblVehicleEF	LDT1	0.29	0.23
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.21	0.99
tblVehicleEF	LDT1	0.25	0.50
tblVehicleEF	LDT1	3.1810e-003	3.0700e-003
tblVehicleEF	LDT1	7.9800e-004	6.7600e-004
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.29	0.23
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.21	0.99
tblVehicleEF	LDT1	0.28	0.55
tblVehicleEF	LDT2	5.6980e-003	3.9310e-003
tblVehicleEF	LDT2	8.2790e-003	0.08
tblVehicleEF	LDT2	0.73	0.88
tblVehicleEF	LDT2	1.75	3.02
tblVehicleEF	LDT2	363.01	342.01
tblVehicleEF	LDT2	82.83	73.52
tblVehicleEF	LDT2	0.08	0.08
tblVehicleEF	LDT2	0.14	0.33
tblVehicleEF	LDT2	1.6520e-003	1.4780e-003
tblVehicleEF	LDT2	2.2320e-003	1.8510e-003
tblVehicleEF	LDT2	1.5200e-003	1.3600e-003
tblVehicleEF	LDT2	2.0520e-003	1.7020e-003
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.12	0.14

tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.11	0.37
tblVehicleEF	LDT2	3.6350e-003	3.3760e-003
tblVehicleEF	LDT2	8.5800e-004	7.2600e-004
tblVehicleEF	LDT2	0.04	0.06
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tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.12	0.40
tblVehicleEF	LDT2	6.4560e-003	4.5070e-003
tblVehicleEF	LDT2	6.6650e-003	0.06
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tblVehicleEF	LDT2	0.07	0.08
tblVehicleEF	LDT2	0.13	0.29
tblVehicleEF	LDT2	1.6520e-003	1.4780e-003
tblVehicleEF	LDT2	2.2320e-003	1.8510e-003
tblVehicleEF	LDT2	1.5200e-003	1.3600e-003
tblVehicleEF	LDT2	2.0520e-003	1.7020e-003
tblVehicleEF	LDT2	0.11	0.16
tblVehicleEF	LDT2	0.14	0.16
tblVehicleEF	LDT2	0.10	0.15

tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.43
tblVehicleEF	LDT2	0.09	0.30
tblVehicleEF	LDT2	3.9690e-003	3.6200e-003
tblVehicleEF	LDT2	8.5100e-004	7.1200e-004
tblVehicleEF	LDT2	0.11	0.16
tblVehicleEF	LDT2	0.14	0.16
tblVehicleEF	LDT2	0.10	0.15
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.06	0.43
tblVehicleEF	LDT2	0.10	0.33
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tblVehicleEF	LDT2	0.72	0.87
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tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.16	0.36
tblVehicleEF	LDT2	1.6520e-003	1.4780e-003
tblVehicleEF	LDT2	2.2320e-003	1.8510e-003
tblVehicleEF	LDT2	1.5200e-003	1.3600e-003
tblVehicleEF	LDT2	2.0520e-003	1.7020e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.01	0.02

tblVehicleEF	LDT2	0.08	0.56
tblVehicleEF	LDT2	0.13	0.42
tblVehicleEF	LDT2	3.5900e-003	3.3420e-003
tblVehicleEF	LDT2	8.6400e-004	7.3700e-004
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.08	0.56
tblVehicleEF	LDT2	0.14	0.46
tblVehicleEF	LHD1	5.5840e-003	5.1420e-003
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tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.18
tblVehicleEF	LHD1	1.21	0.96
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tblVehicleEF	LHD1	1.75	1.28
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tblVehicleEF	LHD1	9.7400e-004	2.5800e-004
tblVehicleEF	LHD1	9.1700e-004	8.6300e-004

tblVehicleEF	LHD1	2.5180e-003	2.4610e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	8.9500e-004	2.3800e-004
tblVehicleEF	LHD1	2.4200e-003	2.0030e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.3460e-003	1.1110e-003
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tblVehicleEF	LHD1	0.32	0.58
tblVehicleEF	LHD1	0.28	0.08
tblVehicleEF	LHD1	9.2000e-005	9.0000e-005
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tblVehicleEF	LHD1	2.4200e-003	2.0030e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.3460e-003	1.1110e-003
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tblVehicleEF	LHD1	5.5840e-003	5.1580e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.02	0.02
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tblVehicleEF	LHD1	0.12	0.09
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tblVehicleEF	LHD1	3.1590e-003	2.6300e-003
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tblVehicleEF	LHD1	6.8930e-003	7.9190e-003
tblVehicleEF	LHD1	3.6300e-004	1.1200e-004
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tblVehicleEF	LHD1	0.12	0.09
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	3.1590e-003	2.6300e-003

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tblVehicleEF	LHD1	0.31	0.56
tblVehicleEF	LHD1	0.29	0.09
tblVehicleEF	LHD1	5.5840e-003	5.1280e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.18
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tblVehicleEF	LHD1	9.17	9.32
tblVehicleEF	LHD1	702.13	811.77
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tblVehicleEF	LHD1	1.79	1.30
tblVehicleEF	LHD1	1.12	0.36
tblVehicleEF	LHD1	9.5800e-004	9.0200e-004
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tblVehicleEF	LHD1	9.7400e-004	2.5800e-004
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tblVehicleEF	LHD1	8.2200e-004	6.7100e-004
tblVehicleEF	LHD1	0.11	0.09
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	5.8600e-004	4.7700e-004

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tblVehicleEF	LHD1	0.30	0.09
tblVehicleEF	LHD1	9.2000e-005	9.0000e-005
tblVehicleEF	LHD1	6.8920e-003	7.9180e-003
tblVehicleEF	LHD1	3.7100e-004	1.1500e-004
tblVehicleEF	LHD1	8.2200e-004	6.7100e-004
tblVehicleEF	LHD1	0.11	0.09
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	5.8600e-004	4.7700e-004
tblVehicleEF	LHD1	0.17	0.14
tblVehicleEF	LHD1	0.35	0.64
tblVehicleEF	LHD1	0.33	0.10
tblVehicleEF	LHD2	3.6040e-003	3.1650e-003
tblVehicleEF	LHD2	8.9780e-003	8.1860e-003
tblVehicleEF	LHD2	8.1100e-003	9.0970e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.66	0.75
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tblVehicleEF	LHD2	1.20	1.37
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tblVehicleEF	LHD2	1.3480e-003	1.4480e-003
tblVehicleEF	LHD2	0.01	0.01

tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	4.0900e-004	1.2700e-004
tblVehicleEF	LHD2	1.2900e-003	1.3850e-003
tblVehicleEF	LHD2	2.6970e-003	2.7030e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.7600e-004	1.1700e-004
tblVehicleEF	LHD2	7.8700e-004	9.7000e-004
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.6300e-004	5.4700e-004
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.07	0.28
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	6.9910e-003	7.6160e-003
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tblVehicleEF	LHD2	7.8700e-004	9.7000e-004
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	4.6300e-004	5.4700e-004
tblVehicleEF	LHD2	0.14	0.15
tblVehicleEF	LHD2	0.07	0.28
tblVehicleEF	LHD2	0.12	0.05
tblVehicleEF	LHD2	3.6040e-003	3.1740e-003
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tblVehicleEF	LHD2	7.5990e-003	8.5270e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.67	0.76

tblVehicleEF	LHD2	1.12	0.57
tblVehicleEF	LHD2	14.39	14.67
tblVehicleEF	LHD2	719.22	789.44
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tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	1.15	1.31
tblVehicleEF	LHD2	0.47	0.18
tblVehicleEF	LHD2	1.3480e-003	1.4480e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	4.0900e-004	1.2700e-004
tblVehicleEF	LHD2	1.2900e-003	1.3850e-003
tblVehicleEF	LHD2	2.6970e-003	2.7030e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.7600e-004	1.1700e-004
tblVehicleEF	LHD2	2.0080e-003	2.4980e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.0820e-003	1.2900e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.07	0.27
tblVehicleEF	LHD2	0.10	0.04
tblVehicleEF	LHD2	6.9910e-003	7.6160e-003
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tblVehicleEF	LHD2	2.0080e-003	2.4980e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.02	0.02

tblVehicleEF	LHD2	1.0820e-003	1.2900e-003
tblVehicleEF	LHD2	0.14	0.15
tblVehicleEF	LHD2	0.07	0.27
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	3.6040e-003	3.1570e-003
tblVehicleEF	LHD2	8.8560e-003	8.0980e-003
tblVehicleEF	LHD2	8.5490e-003	9.5810e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.65	0.75
tblVehicleEF	LHD2	1.31	0.67
tblVehicleEF	LHD2	14.39	14.67
tblVehicleEF	LHD2	719.22	789.41
tblVehicleEF	LHD2	23.45	7.62
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	1.22	1.39
tblVehicleEF	LHD2	0.53	0.21
tblVehicleEF	LHD2	1.3480e-003	1.4480e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	4.0900e-004	1.2700e-004
tblVehicleEF	LHD2	1.2900e-003	1.3850e-003
tblVehicleEF	LHD2	2.6970e-003	2.7030e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.7600e-004	1.1700e-004
tblVehicleEF	LHD2	2.8500e-004	3.3600e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.01	0.02

tblVehicleEF	LHD2	2.0600e-004	2.4000e-004
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.08	0.31
tblVehicleEF	LHD2	0.12	0.05
tblVehicleEF	LHD2	6.9910e-003	7.6160e-003
tblVehicleEF	LHD2	2.5800e-004	7.5000e-005
tblVehicleEF	LHD2	2.8500e-004	3.3600e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	2.0600e-004	2.4000e-004
tblVehicleEF	LHD2	0.14	0.15
tblVehicleEF	LHD2	0.08	0.31
tblVehicleEF	LHD2	0.13	0.05
tblVehicleEF	MCY	0.44	0.34
tblVehicleEF	MCY	0.17	0.26
tblVehicleEF	MCY	20.93	21.25
tblVehicleEF	MCY	10.15	8.99
tblVehicleEF	MCY	171.86	213.95
tblVehicleEF	MCY	46.89	62.78
tblVehicleEF	MCY	1.17	1.18
tblVehicleEF	MCY	0.32	0.27
tblVehicleEF	MCY	2.0170e-003	1.9350e-003
tblVehicleEF	MCY	4.2680e-003	3.3280e-003
tblVehicleEF	MCY	1.8910e-003	1.8130e-003
tblVehicleEF	MCY	4.0340e-003	3.1430e-003
tblVehicleEF	MCY	0.89	0.90
tblVehicleEF	MCY	0.79	0.79

tblVehicleEF	MCY	0.57	0.57
tblVehicleEF	MCY	2.34	2.36
tblVehicleEF	MCY	0.66	2.31
tblVehicleEF	MCY	2.28	2.02
tblVehicleEF	MCY	2.1280e-003	2.1170e-003
tblVehicleEF	MCY	7.0200e-004	6.2100e-004
tblVehicleEF	MCY	0.89	0.90
tblVehicleEF	MCY	0.79	0.79
tblVehicleEF	MCY	0.57	0.57
tblVehicleEF	MCY	2.87	2.89
tblVehicleEF	MCY	0.66	2.31
tblVehicleEF	MCY	2.48	2.19
tblVehicleEF	MCY	0.43	0.33
tblVehicleEF	MCY	0.14	0.22
tblVehicleEF	MCY	20.10	20.40
tblVehicleEF	MCY	8.87	7.80
tblVehicleEF	MCY	171.86	212.22
tblVehicleEF	MCY	46.89	59.61
tblVehicleEF	MCY	1.02	1.03
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	2.0170e-003	1.9350e-003
tblVehicleEF	MCY	4.2680e-003	3.3280e-003
tblVehicleEF	MCY	1.8910e-003	1.8130e-003
tblVehicleEF	MCY	4.0340e-003	3.1430e-003
tblVehicleEF	MCY	2.64	2.65
tblVehicleEF	MCY	1.11	1.12
tblVehicleEF	MCY	1.76	1.75

tblVehicleEF	MCY	2.24	2.26
tblVehicleEF	MCY	0.63	2.19
tblVehicleEF	MCY	1.86	1.63
tblVehicleEF	MCY	2.1120e-003	2.1000e-003
tblVehicleEF	MCY	6.6800e-004	5.9000e-004
tblVehicleEF	MCY	2.64	2.65
tblVehicleEF	MCY	1.11	1.12
tblVehicleEF	MCY	1.76	1.75
tblVehicleEF	MCY	2.75	2.76
tblVehicleEF	MCY	0.63	2.19
tblVehicleEF	MCY	2.02	1.77
tblVehicleEF	MCY	0.46	0.36
tblVehicleEF	MCY	0.20	0.31
tblVehicleEF	MCY	22.91	23.28
tblVehicleEF	MCY	11.68	10.41
tblVehicleEF	MCY	171.86	217.62
tblVehicleEF	MCY	46.89	66.31
tblVehicleEF	MCY	1.26	1.27
tblVehicleEF	MCY	0.35	0.29
tblVehicleEF	MCY	2.0170e-003	1.9350e-003
tblVehicleEF	MCY	4.2680e-003	3.3280e-003
tblVehicleEF	MCY	1.8910e-003	1.8130e-003
tblVehicleEF	MCY	4.0340e-003	3.1430e-003
tblVehicleEF	MCY	0.17	0.18
tblVehicleEF	MCY	0.92	0.91
tblVehicleEF	MCY	0.17	0.18
tblVehicleEF	MCY	2.47	2.49

tblVehicleEF	MCY	0.77	2.72
tblVehicleEF	MCY	2.69	2.40
tblVehicleEF	MCY	2.1640e-003	2.1540e-003
tblVehicleEF	MCY	7.4000e-004	6.5600e-004
tblVehicleEF	MCY	0.17	0.18
tblVehicleEF	MCY	0.92	0.91
tblVehicleEF	MCY	0.17	0.18
tblVehicleEF	MCY	3.02	3.04
tblVehicleEF	MCY	0.77	2.72
tblVehicleEF	MCY	2.93	2.61
tblVehicleEF	MDV	0.01	5.8600e-003
tblVehicleEF	MDV	0.02	0.10
tblVehicleEF	MDV	1.31	1.16
tblVehicleEF	MDV	3.58	3.65
tblVehicleEF	MDV	490.73	420.84
tblVehicleEF	MDV	110.28	90.12
tblVehicleEF	MDV	0.17	0.13
tblVehicleEF	MDV	0.33	0.43
tblVehicleEF	MDV	1.8190e-003	1.6840e-003
tblVehicleEF	MDV	2.5330e-003	2.0920e-003
tblVehicleEF	MDV	1.6780e-003	1.5540e-003
tblVehicleEF	MDV	2.3310e-003	1.9250e-003
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.19	0.17
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.11	0.52

tblVehicleEF	MDV	0.28	0.50
tblVehicleEF	MDV	4.9170e-003	4.1510e-003
tblVehicleEF	MDV	1.1660e-003	8.9000e-004
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.19	0.17
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.11	0.52
tblVehicleEF	MDV	0.31	0.55
tblVehicleEF	MDV	0.01	6.6250e-003
tblVehicleEF	MDV	0.02	0.08
tblVehicleEF	MDV	1.56	1.38
tblVehicleEF	MDV	2.75	2.78
tblVehicleEF	MDV	534.39	446.95
tblVehicleEF	MDV	110.28	88.40
tblVehicleEF	MDV	0.15	0.11
tblVehicleEF	MDV	0.29	0.38
tblVehicleEF	MDV	1.8190e-003	1.6840e-003
tblVehicleEF	MDV	2.5330e-003	2.0920e-003
tblVehicleEF	MDV	1.6780e-003	1.5540e-003
tblVehicleEF	MDV	2.3310e-003	1.9250e-003
tblVehicleEF	MDV	0.16	0.20
tblVehicleEF	MDV	0.22	0.19
tblVehicleEF	MDV	0.15	0.19
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.10	0.49
tblVehicleEF	MDV	0.22	0.41

tblVehicleEF	MDV	5.3560e-003	4.4090e-003
tblVehicleEF	MDV	1.1510e-003	8.7300e-004
tblVehicleEF	MDV	0.16	0.20
tblVehicleEF	MDV	0.22	0.19
tblVehicleEF	MDV	0.15	0.19
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.10	0.49
tblVehicleEF	MDV	0.25	0.44
tblVehicleEF	MDV	0.01	5.6930e-003
tblVehicleEF	MDV	0.02	0.11
tblVehicleEF	MDV	1.30	1.16
tblVehicleEF	MDV	4.25	4.36
tblVehicleEF	MDV	484.74	417.31
tblVehicleEF	MDV	110.28	91.49
tblVehicleEF	MDV	0.18	0.14
tblVehicleEF	MDV	0.36	0.47
tblVehicleEF	MDV	1.8190e-003	1.6840e-003
tblVehicleEF	MDV	2.5330e-003	2.0920e-003
tblVehicleEF	MDV	1.6780e-003	1.5540e-003
tblVehicleEF	MDV	2.3310e-003	1.9250e-003
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.20	0.17
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.13	0.63
tblVehicleEF	MDV	0.32	0.58
tblVehicleEF	MDV	4.8570e-003	4.1160e-003

tblVehicleEF	MDV	1.1780e-003	9.0300e-004
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.20	0.17
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.13	0.63
tblVehicleEF	MDV	0.35	0.63
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tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	2.47	0.45
tblVehicleEF	MH	6.18	0.00
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tblVehicleEF	MH	0.03	0.12
tblVehicleEF	MH	1.1470e-003	0.00
tblVehicleEF	MH	3.2250e-003	4.0000e-003
tblVehicleEF	MH	0.03	0.11
tblVehicleEF	MH	1.0540e-003	0.00
tblVehicleEF	MH	0.85	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MH	0.11	0.12
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.36	0.00

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tblVehicleEF	MH	6.9900e-004	0.00
tblVehicleEF	MH	0.85	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MH	0.16	0.14
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.40	0.00
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tblVehicleEF	MH	1,227.10	1,042.53
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tblVehicleEF	MH	0.09	0.00
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tblVehicleEF	MH	0.02	0.00

tblVehicleEF	MH	0.33	0.00
tblVehicleEF	MH	0.01	9.8560e-003
tblVehicleEF	MH	6.8800e-004	0.00
tblVehicleEF	MH	2.19	0.00
tblVehicleEF	MH	0.09	0.00
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tblVehicleEF	MH	0.03	5.6550e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	2.38	0.45
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tblVehicleEF	MH	0.03	0.11
tblVehicleEF	MH	1.0540e-003	0.00
tblVehicleEF	MH	0.27	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.14	0.00
tblVehicleEF	MH	0.11	0.12

tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.01	9.8560e-003
tblVehicleEF	MH	7.0900e-004	0.00
tblVehicleEF	MH	0.27	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.14	0.00
tblVehicleEF	MH	0.15	0.14
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.42	0.00
tblVehicleEF	MHD	0.02	3.6830e-003
tblVehicleEF	MHD	7.2990e-003	0.01
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tblVehicleEF	MHD	1,207.94	1,186.45
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tblVehicleEF	MHD	1.63	3.03
tblVehicleEF	MHD	10.36	1.10
tblVehicleEF	MHD	8.9100e-004	2.3810e-003
tblVehicleEF	MHD	7.3540e-003	0.08
tblVehicleEF	MHD	1.0170e-003	1.3500e-004
tblVehicleEF	MHD	8.5300e-004	2.2780e-003
tblVehicleEF	MHD	7.0290e-003	0.08

tblVehicleEF	MHD	9.3500e-004	1.2400e-004
tblVehicleEF	MHD	1.0290e-003	4.9600e-004
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tblVehicleEF	MHD	1.3220e-003	8.2900e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.4900e-004	9.8000e-005
tblVehicleEF	MHD	1.0290e-003	4.9600e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	5.6500e-004	2.7000e-004
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tblVehicleEF	MHD	0.03	0.14
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tblVehicleEF	MHD	0.02	3.4620e-003
tblVehicleEF	MHD	7.4950e-003	0.01
tblVehicleEF	MHD	0.05	9.8860e-003
tblVehicleEF	MHD	0.28	0.32
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tblVehicleEF	MHD	6.67	1.21
tblVehicleEF	MHD	145.51	89.25
tblVehicleEF	MHD	1,207.94	1,186.47
tblVehicleEF	MHD	62.08	9.74

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tblVehicleEF	MHD	7.5100e-004	2.0100e-003
tblVehicleEF	MHD	7.3540e-003	0.08
tblVehicleEF	MHD	1.0170e-003	1.3500e-004
tblVehicleEF	MHD	7.1900e-004	1.9230e-003
tblVehicleEF	MHD	7.0290e-003	0.08
tblVehicleEF	MHD	9.3500e-004	1.2400e-004
tblVehicleEF	MHD	2.7510e-003	1.3280e-003
tblVehicleEF	MHD	0.06	0.03
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.4270e-003	6.8400e-004
tblVehicleEF	MHD	0.06	0.21
tblVehicleEF	MHD	0.03	0.14
tblVehicleEF	MHD	0.41	0.05
tblVehicleEF	MHD	1.4000e-003	8.4600e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.3800e-004	9.6000e-005
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tblVehicleEF	MHD	1.4270e-003	6.8400e-004
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tblVehicleEF	MHD	0.03	0.14
tblVehicleEF	MHD	0.45	0.06
tblVehicleEF	MHD	0.02	3.9070e-003

tblVehicleEF	MHD	7.1460e-003	0.01
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	0.53	0.49
tblVehicleEF	MHD	0.49	0.84
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tblVehicleEF	MHD	10.43	1.10
tblVehicleEF	MHD	1.0840e-003	2.8930e-003
tblVehicleEF	MHD	7.3540e-003	0.08
tblVehicleEF	MHD	1.0170e-003	1.3500e-004
tblVehicleEF	MHD	1.0380e-003	2.7680e-003
tblVehicleEF	MHD	7.0290e-003	0.08
tblVehicleEF	MHD	9.3500e-004	1.2400e-004
tblVehicleEF	MHD	3.2300e-004	1.5400e-004
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	2.2700e-004	1.0800e-004
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tblVehicleEF	MHD	0.03	0.16
tblVehicleEF	MHD	0.46	0.06
tblVehicleEF	MHD	1.2180e-003	8.0600e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.6000e-004	1.0000e-004

tblVehicleEF	MHD	3.2300e-004	1.5400e-004
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	2.2700e-004	1.0800e-004
tblVehicleEF	MHD	0.08	0.24
tblVehicleEF	MHD	0.03	0.16
tblVehicleEF	MHD	0.51	0.07
tblVehicleEF	OBUS	0.01	9.2120e-003
tblVehicleEF	OBUS	0.01	0.02
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.27	0.49
tblVehicleEF	OBUS	0.81	1.69
tblVehicleEF	OBUS	6.42	3.14
tblVehicleEF	OBUS	77.54	68.60
tblVehicleEF	OBUS	1,299.49	1,604.68
tblVehicleEF	OBUS	69.85	22.97
tblVehicleEF	OBUS	0.37	0.40
tblVehicleEF	OBUS	1.54	1.93
tblVehicleEF	OBUS	2.35	0.56
tblVehicleEF	OBUS	1.2900e-004	1.6400e-003
tblVehicleEF	OBUS	7.0020e-003	0.04
tblVehicleEF	OBUS	7.8200e-004	1.9900e-004
tblVehicleEF	OBUS	1.2400e-004	1.5690e-003
tblVehicleEF	OBUS	6.6760e-003	0.04
tblVehicleEF	OBUS	7.1900e-004	1.8300e-004
tblVehicleEF	OBUS	1.1300e-003	1.6550e-003
tblVehicleEF	OBUS	0.02	0.03

tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	5.5400e-004	7.9400e-004
tblVehicleEF	OBUS	0.07	0.16
tblVehicleEF	OBUS	0.04	0.29
tblVehicleEF	OBUS	0.40	0.15
tblVehicleEF	OBUS	7.5200e-004	6.5500e-004
tblVehicleEF	OBUS	0.01	0.02
tblVehicleEF	OBUS	8.1100e-004	2.2700e-004
tblVehicleEF	OBUS	1.1300e-003	1.6550e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	5.5400e-004	7.9400e-004
tblVehicleEF	OBUS	0.09	0.20
tblVehicleEF	OBUS	0.04	0.29
tblVehicleEF	OBUS	0.44	0.16
tblVehicleEF	OBUS	0.01	9.2420e-003
tblVehicleEF	OBUS	0.01	0.02
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.26	0.47
tblVehicleEF	OBUS	0.84	1.75
tblVehicleEF	OBUS	5.77	2.83
tblVehicleEF	OBUS	81.13	69.06
tblVehicleEF	OBUS	1,299.49	1,604.78
tblVehicleEF	OBUS	69.85	22.43
tblVehicleEF	OBUS	0.39	0.40
tblVehicleEF	OBUS	1.47	1.82
tblVehicleEF	OBUS	2.27	0.54

tblVehicleEF	OBUS	1.0900e-004	1.3860e-003
tblVehicleEF	OBUS	7.0020e-003	0.04
tblVehicleEF	OBUS	7.8200e-004	1.9900e-004
tblVehicleEF	OBUS	1.0400e-004	1.3260e-003
tblVehicleEF	OBUS	6.6760e-003	0.04
tblVehicleEF	OBUS	7.1900e-004	1.8300e-004
tblVehicleEF	OBUS	2.7960e-003	4.0780e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	1.3030e-003	1.8380e-003
tblVehicleEF	OBUS	0.07	0.16
tblVehicleEF	OBUS	0.04	0.28
tblVehicleEF	OBUS	0.37	0.14
tblVehicleEF	OBUS	7.8600e-004	6.6000e-004
tblVehicleEF	OBUS	0.01	0.02
tblVehicleEF	OBUS	8.0000e-004	2.2200e-004
tblVehicleEF	OBUS	2.7960e-003	4.0780e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	1.3030e-003	1.8380e-003
tblVehicleEF	OBUS	0.09	0.20
tblVehicleEF	OBUS	0.04	0.28
tblVehicleEF	OBUS	0.41	0.15
tblVehicleEF	OBUS	0.01	9.1890e-003
tblVehicleEF	OBUS	0.01	0.02
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.28	0.52

tblVehicleEF	OBUS	0.79	1.65
tblVehicleEF	OBUS	6.94	3.40
tblVehicleEF	OBUS	72.59	67.96
tblVehicleEF	OBUS	1,299.49	1,604.61
tblVehicleEF	OBUS	69.85	23.41
tblVehicleEF	OBUS	0.36	0.40
tblVehicleEF	OBUS	1.57	1.98
tblVehicleEF	OBUS	2.43	0.58
tblVehicleEF	OBUS	1.5700e-004	1.9920e-003
tblVehicleEF	OBUS	7.0020e-003	0.04
tblVehicleEF	OBUS	7.8200e-004	1.9900e-004
tblVehicleEF	OBUS	1.5000e-004	1.9050e-003
tblVehicleEF	OBUS	6.6760e-003	0.04
tblVehicleEF	OBUS	7.1900e-004	1.8300e-004
tblVehicleEF	OBUS	4.8400e-004	6.9800e-004
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	2.6000e-004	3.7300e-004
tblVehicleEF	OBUS	0.07	0.15
tblVehicleEF	OBUS	0.04	0.32
tblVehicleEF	OBUS	0.42	0.16
tblVehicleEF	OBUS	7.0500e-004	6.4900e-004
tblVehicleEF	OBUS	0.01	0.02
tblVehicleEF	OBUS	8.2000e-004	2.3200e-004
tblVehicleEF	OBUS	4.8400e-004	6.9800e-004
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.07

tblVehicleEF	OBUS	2.6000e-004	3.7300e-004
tblVehicleEF	OBUS	0.09	0.20
tblVehicleEF	OBUS	0.04	0.32
tblVehicleEF	OBUS	0.46	0.17
tblVehicleEF	SBUS	0.93	0.01
tblVehicleEF	SBUS	6.8650e-003	3.1930e-003
tblVehicleEF	SBUS	0.06	1.2050e-003
tblVehicleEF	SBUS	2.00	1.12
tblVehicleEF	SBUS	0.42	0.25
tblVehicleEF	SBUS	1.23	0.18
tblVehicleEF	SBUS	1,470.10	311.54
tblVehicleEF	SBUS	1,256.67	1,041.52
tblVehicleEF	SBUS	8.75	0.98
tblVehicleEF	SBUS	15.94	2.57
tblVehicleEF	SBUS	6.10	3.45
tblVehicleEF	SBUS	19.48	1.36
tblVehicleEF	SBUS	0.02	2.0920e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	1.3800e-004	1.3000e-005
tblVehicleEF	SBUS	0.02	2.0010e-003
tblVehicleEF	SBUS	2.9420e-003	2.9130e-003
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	1.2600e-004	1.2000e-005
tblVehicleEF	SBUS	3.3100e-004	6.8000e-005
tblVehicleEF	SBUS	3.3780e-003	6.7300e-004
tblVehicleEF	SBUS	0.24	0.08

tblVehicleEF	SBUS	1.5700e-004	3.2000e-005
tblVehicleEF	SBUS	0.12	0.05
tblVehicleEF	SBUS	1.5530e-003	4.2800e-003
tblVehicleEF	SBUS	0.06	6.7230e-003
tblVehicleEF	SBUS	0.01	2.9490e-003
tblVehicleEF	SBUS	0.01	9.8730e-003
tblVehicleEF	SBUS	1.0900e-004	1.0000e-005
tblVehicleEF	SBUS	3.3100e-004	6.8000e-005
tblVehicleEF	SBUS	3.3780e-003	6.7300e-004
tblVehicleEF	SBUS	0.32	0.11
tblVehicleEF	SBUS	1.5700e-004	3.2000e-005
tblVehicleEF	SBUS	0.14	0.06
tblVehicleEF	SBUS	1.5530e-003	4.2800e-003
tblVehicleEF	SBUS	0.07	7.3610e-003
tblVehicleEF	SBUS	0.92	0.01
tblVehicleEF	SBUS	6.9120e-003	3.2240e-003
tblVehicleEF	SBUS	0.05	9.7700e-004
tblVehicleEF	SBUS	1.80	1.09
tblVehicleEF	SBUS	0.43	0.25
tblVehicleEF	SBUS	0.85	0.12
tblVehicleEF	SBUS	1,554.87	315.83
tblVehicleEF	SBUS	1,256.67	1,041.52
tblVehicleEF	SBUS	8.75	0.89
tblVehicleEF	SBUS	16.46	2.58
tblVehicleEF	SBUS	5.86	3.32
tblVehicleEF	SBUS	19.47	1.36
tblVehicleEF	SBUS	0.01	1.7750e-003

tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	1.3800e-004	1.3000e-005
tblVehicleEF	SBUS	0.01	1.6980e-003
tblVehicleEF	SBUS	2.9420e-003	2.9130e-003
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	1.2600e-004	1.2000e-005
tblVehicleEF	SBUS	8.3300e-004	1.7400e-004
tblVehicleEF	SBUS	3.5860e-003	7.2300e-004
tblVehicleEF	SBUS	0.23	0.08
tblVehicleEF	SBUS	3.7800e-004	8.1000e-005
tblVehicleEF	SBUS	0.12	0.05
tblVehicleEF	SBUS	1.3360e-003	3.6600e-003
tblVehicleEF	SBUS	0.05	5.4450e-003
tblVehicleEF	SBUS	0.01	2.9900e-003
tblVehicleEF	SBUS	0.01	9.8730e-003
tblVehicleEF	SBUS	1.0200e-004	9.0000e-006
tblVehicleEF	SBUS	8.3300e-004	1.7400e-004
tblVehicleEF	SBUS	3.5860e-003	7.2300e-004
tblVehicleEF	SBUS	0.31	0.11
tblVehicleEF	SBUS	3.7800e-004	8.1000e-005
tblVehicleEF	SBUS	0.14	0.06
tblVehicleEF	SBUS	1.3360e-003	3.6600e-003
tblVehicleEF	SBUS	0.05	5.9620e-003
tblVehicleEF	SBUS	0.93	0.01
tblVehicleEF	SBUS	6.8290e-003	3.1690e-003
tblVehicleEF	SBUS	0.07	1.3690e-003

tblVehicleEF	SBUS	2.27	1.17
tblVehicleEF	SBUS	0.42	0.25
tblVehicleEF	SBUS	1.53	0.22
tblVehicleEF	SBUS	1,353.02	305.60
tblVehicleEF	SBUS	1,256.67	1,041.51
tblVehicleEF	SBUS	8.75	1.06
tblVehicleEF	SBUS	15.24	2.54
tblVehicleEF	SBUS	6.20	3.51
tblVehicleEF	SBUS	19.48	1.36
tblVehicleEF	SBUS	0.02	2.5290e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	1.3800e-004	1.3000e-005
tblVehicleEF	SBUS	0.02	2.4200e-003
tblVehicleEF	SBUS	2.9420e-003	2.9130e-003
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	1.2600e-004	1.2000e-005
tblVehicleEF	SBUS	1.3500e-004	2.7000e-005
tblVehicleEF	SBUS	3.5060e-003	6.8600e-004
tblVehicleEF	SBUS	0.24	0.08
tblVehicleEF	SBUS	7.2000e-005	1.4000e-005
tblVehicleEF	SBUS	0.12	0.05
tblVehicleEF	SBUS	1.9820e-003	5.5030e-003
tblVehicleEF	SBUS	0.07	7.6430e-003
tblVehicleEF	SBUS	0.01	2.8930e-003
tblVehicleEF	SBUS	0.01	9.8720e-003
tblVehicleEF	SBUS	1.1400e-004	1.0000e-005

tblVehicleEF	SBUS	1.3500e-004	2.7000e-005
tblVehicleEF	SBUS	3.5060e-003	6.8600e-004
tblVehicleEF	SBUS	0.33	0.11
tblVehicleEF	SBUS	7.2000e-005	1.4000e-005
tblVehicleEF	SBUS	0.14	0.06
tblVehicleEF	SBUS	1.9820e-003	5.5030e-003
tblVehicleEF	SBUS	0.08	8.3680e-003
tblVehicleEF	UBUS	0.23	0.13
tblVehicleEF	UBUS	0.07	2.6420e-003
tblVehicleEF	UBUS	4.48	0.23
tblVehicleEF	UBUS	12.37	0.22
tblVehicleEF	UBUS	1,992.71	1,456.13
tblVehicleEF	UBUS	151.45	3.08
tblVehicleEF	UBUS	7.13	1.89
tblVehicleEF	UBUS	12.36	0.04
tblVehicleEF	UBUS	0.49	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.14	5.6300e-003
tblVehicleEF	UBUS	1.1770e-003	1.1000e-005
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	6.3290e-003
tblVehicleEF	UBUS	0.13	5.3850e-003
tblVehicleEF	UBUS	1.0820e-003	1.0000e-005
tblVehicleEF	UBUS	4.7870e-003	1.2130e-003
tblVehicleEF	UBUS	0.09	4.9170e-003
tblVehicleEF	UBUS	2.5280e-003	2.8700e-004
tblVehicleEF	UBUS	0.48	2.8820e-003

tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	1.00	9.8390e-003
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	1.7390e-003	3.0000e-005
tblVehicleEF	UBUS	4.7870e-003	1.2130e-003
tblVehicleEF	UBUS	0.09	4.9170e-003
tblVehicleEF	UBUS	2.5280e-003	2.8700e-004
tblVehicleEF	UBUS	0.75	0.13
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	1.09	0.01
tblVehicleEF	UBUS	0.24	0.13
tblVehicleEF	UBUS	0.06	2.3290e-003
tblVehicleEF	UBUS	4.56	0.23
tblVehicleEF	UBUS	9.65	0.18
tblVehicleEF	UBUS	1,992.71	1,456.13
tblVehicleEF	UBUS	151.45	3.02
tblVehicleEF	UBUS	6.83	1.89
tblVehicleEF	UBUS	12.22	0.04
tblVehicleEF	UBUS	0.49	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.14	5.6300e-003
tblVehicleEF	UBUS	1.1770e-003	1.1000e-005
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	6.3290e-003
tblVehicleEF	UBUS	0.13	5.3850e-003
tblVehicleEF	UBUS	1.0820e-003	1.0000e-005
tblVehicleEF	UBUS	0.01	2.9810e-003

tblVehicleEF	UBUS	0.11	5.4120e-003
tblVehicleEF	UBUS	5.9530e-003	6.3700e-004
tblVehicleEF	UBUS	0.49	2.9190e-003
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	0.86	8.6720e-003
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	1.6920e-003	3.0000e-005
tblVehicleEF	UBUS	0.01	2.9810e-003
tblVehicleEF	UBUS	0.11	5.4120e-003
tblVehicleEF	UBUS	5.9530e-003	6.3700e-004
tblVehicleEF	UBUS	0.76	0.13
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	0.94	9.4950e-003
tblVehicleEF	UBUS	0.23	0.13
tblVehicleEF	UBUS	0.08	2.8760e-003
tblVehicleEF	UBUS	4.42	0.22
tblVehicleEF	UBUS	14.83	0.25
tblVehicleEF	UBUS	1,992.71	1,456.13
tblVehicleEF	UBUS	151.45	3.14
tblVehicleEF	UBUS	7.26	1.89
tblVehicleEF	UBUS	12.47	0.04
tblVehicleEF	UBUS	0.49	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.14	5.6300e-003
tblVehicleEF	UBUS	1.1770e-003	1.1000e-005
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	6.3290e-003

tblVehicleEF	UBUS	0.13	5.3850e-003
tblVehicleEF	UBUS	1.0820e-003	1.0000e-005
tblVehicleEF	UBUS	1.6710e-003	5.2600e-004
tblVehicleEF	UBUS	0.10	5.0030e-003
tblVehicleEF	UBUS	1.1170e-003	1.3500e-004
tblVehicleEF	UBUS	0.47	2.8520e-003
tblVehicleEF	UBUS	0.03	0.02
tblVehicleEF	UBUS	1.12	0.01
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	1.7810e-003	3.1000e-005
tblVehicleEF	UBUS	1.6710e-003	5.2600e-004
tblVehicleEF	UBUS	0.10	5.0030e-003
tblVehicleEF	UBUS	1.1170e-003	1.3500e-004
tblVehicleEF	UBUS	0.74	0.13
tblVehicleEF	UBUS	0.03	0.02
tblVehicleEF	UBUS	1.22	0.01
tblVehicleTrips	CC_TTP	28.00	0.00
tblVehicleTrips	CNW_TTP	13.00	0.00
tblVehicleTrips	CW_TL	9.50	20.53
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PR_TP	79.00	100.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	2.49	6.49
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	0.73	6.49

tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	6.83	6.49
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	OutdoorWaterUseRate	2,018,539.38	0.00
tblWater	OutdoorWaterUseRate	0.00	1,619,771.39
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.8924	2.0000e-005	1.9500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.7800e-003	3.7800e-003	1.0000e-005	0.0000	4.0300e-003
Energy	0.0190	0.1727	0.1451	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	409.1911	409.1911	0.0347	9.8800e-003	413.0027
Mobile	0.6225	0.5822	8.6070	0.0232	2.9410	0.0145	2.9555	0.7814	0.0134	0.7948	0.0000	2,135.2120	2,135.2120	0.0708	0.0000	2,136.9831
Waste						0.0000	0.0000		0.0000	0.0000	45.1452	0.0000	45.1452	2.6680	0.0000	111.8453
Water						0.0000	0.0000		0.0000	0.0000	14.7026	21.5710	36.2735	0.0536	0.0326	47.3295
Total	**1.5339**	**0.7550**	**8.7540**	**0.0243**	**2.9410**	**0.0277**	**2.9687**	**0.7814**	**0.0265**	**0.8079**	**59.8478**	**2,565.9778**	**2,625.8256**	**2.8272**	**0.0425**	**2,709.1646**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.8924	2.0000e-005	1.9500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.7800e-003	3.7800e-003	1.0000e-005	0.0000	4.0300e-003
Energy	0.0190	0.1727	0.1451	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	188.0174	188.0174	3.6000e-003	3.4500e-003	189.1347
Mobile	0.6225	0.5822	8.6070	0.0232	2.9410	0.0145	2.9555	0.7814	0.0134	0.7948	0.0000	2,135.2120	2,135.2120	0.0708	0.0000	2,136.9831
Waste						0.0000	0.0000		0.0000	0.0000	45.1452	0.0000	45.1452	2.6680	0.0000	111.8453
Water						0.0000	0.0000		0.0000	0.0000	11.7621	17.3305	29.0926	0.0429	0.0261	37.9382
Total	**1.5339**	**0.7550**	**8.7540**	**0.0243**	**2.9410**	**0.0277**	**2.9687**	**0.7814**	**0.0265**	**0.8079**	**56.9073**	**2,340.5637**	**2,397.4709**	**2.7854**	**0.0295**	**2,475.9053**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**4.91**	**8.78**	**8.70**	**1.48**	**30.48**	**8.61**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.6225	0.5822	8.6070	0.0232	2.9410	0.0145	2.9555	0.7814	0.0134	0.7948	0.0000	2,135.2120	2,135.2120	0.0708	0.0000	2,136.9831
Unmitigated	0.6225	0.5822	8.6070	0.0232	2.9410	0.0145	2.9555	0.7814	0.0134	0.7948	0.0000	2,135.2120	2,135.2120	0.0708	0.0000	2,136.9831

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Industrial Park	1,074.03	1,074.03	1074.03	8,026,170	8,026,170
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	1,074.03	1,074.03	1,074.03	8,026,170	8,026,170

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Industrial Park	20.53	7.30	7.30	100.00	0.00	0.00	100	0	0
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.582298	0.039109	0.186022	0.123408	0.017184	0.005083	0.010615	0.023794	0.001605	0.001810	0.005454	0.002746	0.000871
Industrial Park	0.990721	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.009279	0.000000	0.000000
Other Asphalt Surfaces	0.582298	0.039109	0.186022	0.123408	0.017184	0.005083	0.010615	0.023794	0.001605	0.001810	0.005454	0.002746	0.000871
Other Non-Asphalt Surfaces	0.582298	0.039109	0.186022	0.123408	0.017184	0.005083	0.010615	0.023794	0.001605	0.001810	0.005454	0.002746	0.000871
Parking Lot	0.582298	0.039109	0.186022	0.123408	0.017184	0.005083	0.010615	0.023794	0.001605	0.001810	0.005454	0.002746	0.000871

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Percent of Electricity Use Generated with Renewable Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	221.1737	221.1737	0.0311	6.4300e-003	223.8680
NaturalGas Mitigated	0.0190	0.1727	0.1451	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	188.0174	188.0174	3.6000e-003	3.4500e-003	189.1347
NaturalGas Unmitigated	0.0190	0.1727	0.1451	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	188.0174	188.0174	3.6000e-003	3.4500e-003	189.1347

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	354830	1.9100e-003	0.0174	0.0146	1.0000e-004		1.3200e-003	1.3200e-003		1.3200e-003	1.3200e-003	0.0000	18.9351	18.9351	3.6000e-004	3.5000e-004	19.0476
Industrial Park	3.16848e+006	0.0171	0.1553	0.1305	9.3000e-004		0.0118	0.0118		0.0118	0.0118	0.0000	169.0823	169.0823	3.2400e-003	3.1000e-003	170.0871
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0190**	**0.1727**	**0.1451**	**1.0300e-003**		**0.0131**	**0.0131**		**0.0131**	**0.0131**	**0.0000**	**188.0174**	**188.0174**	**3.6000e-003**	**3.4500e-003**	**189.1347**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	354830	1.9100e-003	0.0174	0.0146	1.0000e-004		1.3200e-003	1.3200e-003		1.3200e-003	1.3200e-003	0.0000	18.9351	18.9351	3.6000e-004	3.5000e-004	19.0476
Industrial Park	3.16848e+006	0.0171	0.1553	0.1305	9.3000e-004		0.0118	0.0118		0.0118	0.0118	0.0000	169.0823	169.0823	3.2400e-003	3.1000e-003	170.0871
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0190**	**0.1727**	**0.1451**	**1.0300e-003**		**0.0131**	**0.0131**		**0.0131**	**0.0131**	**0.0000**	**188.0174**	**188.0174**	**3.6000e-003**	**3.4500e-003**	**189.1347**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	223089	20.8748	2.9300e-003	6.1000e-004	21.1291
Industrial Park	1.99209e+006	186.4030	0.0262	5.4200e-003	188.6738
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	148506	13.8959	1.9500e-003	4.0000e-004	14.0652
Total		**221.1737**	**0.0311**	**6.4300e-003**	**223.8680**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	0	0.0000	0.0000	0.0000	0.0000
Industrial Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.8924	2.0000e-005	1.9500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.7800e-003	3.7800e-003	1.0000e-005	0.0000	4.0300e-003
Unmitigated	0.8924	2.0000e-005	1.9500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.7800e-003	3.7800e-003	1.0000e-005	0.0000	4.0300e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1048					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.7875					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.8000e-004	2.0000e-005	1.9500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.7800e-003	3.7800e-003	1.0000e-005	0.0000	4.0300e-003
Total	**0.8924**	**2.0000e-005**	**1.9500e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**3.7800e-003**	**3.7800e-003**	**1.0000e-005**	**0.0000**	**4.0300e-003**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1048					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.7875					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.8000e-004	2.0000e-005	1.9500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.7800e-003	3.7800e-003	1.0000e-005	0.0000	4.0300e-003
Total	**0.8924**	**2.0000e-005**	**1.9500e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**3.7800e-003**	**3.7800e-003**	**1.0000e-005**	**0.0000**	**4.0300e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	29.0926	0.0429	0.0261	37.9382
Unmitigated	36.2735	0.0536	0.0326	47.3295

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	3.29341 / 0	2.8327	4.2400e-003	2.5800e-003	3.7084
Industrial Park	38.2626 / 1.61977	33.4408	0.0494	0.0300	43.6211
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**36.2735**	**0.0536**	**0.0326**	**47.3295**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	2.63473 / 0	2.2662	3.4000e-003	2.0700e-003	2.9667
Industrial Park	30.6101 / 1.52097	26.8264	0.0395	0.0240	34.9715
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**29.0926**	**0.0429**	**0.0261**	**37.9382**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	45.1452	2.6680	0.0000	111.8453
Unmitigated	45.1452	2.6680	0.0000	111.8453

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	17.23	3.4975	0.2067	0.0000	8.6650
Industrial Park	205.17	41.6477	2.4613	0.0000	103.1803
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**45.1452**	**2.6680**	**0.0000**	**111.8453**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	17.23	3.4975	0.2067	0.0000	8.6650
Industrial Park	205.17	41.6477	2.4613	0.0000	103.1803
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**45.1452**	**2.6680**	**0.0000**	**111.8453**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

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Contra Costa County, Mitigation Report

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00	100.00	100.00	100.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	20.00	19.66	19.80	19.97	19.97	19.84
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.08	0.29		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			

No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	100.00
No	Use Low VOC Paint (Residential Exterior)	150.00
No	Use Low VOC Paint (Non-residential Interior)	100.00
No	Use Low VOC Paint (Non-residential Exterior)	150.00
No	Use Low VOC Paint (Parking)	150.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24	0.00	
No	Install High Efficiency Lighting	0.00	
Yes	On-site Renewable		100.00

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy	0.00	0.00
No	Use Reclaimed Water	0.00	0.00
No	Use Grey Water	0.00	
Yes	Install low-flow bathroom faucet	32.00	
Yes	Install low-flow Kitchen faucet	18.00	
Yes	Install low-flow Toilet	20.00	
Yes	Install low-flow Shower	20.00	
No	Turf Reduction	0.00	
Yes	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape	0.00	0.00

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services Percent Reduction in Waste Disposed	

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Contra Costa County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	18.53	1000sqft	0.43	18,529.00	0
Industrial Park	165.46	1000sqft	3.80	165,456.00	0
Other Asphalt Surfaces	14.73	Acre	14.73	641,537.00	0
Other Non-Asphalt Surfaces	3.19	Acre	3.19	0.00	0
Parking Lot	9.74	Acre	9.74	424,302.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	5			**Operational Year**	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	206.29	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See assumptions file.

Land Use - See assumptions file.

Construction Phase -

Vehicle Trips - See assumptions file.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Area Coating - See assumptions file.

Energy Use - See assumptions file.

Water And Wastewater - See assumptions file.

Solid Waste -

Energy Mitigation -

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	63950	25458
tblEnergyUse	T24E	4.10	3.66
tblEnergyUse	T24E	4.10	3.66
tblEnergyUse	T24NG	18.32	18.14
tblEnergyUse	T24NG	18.32	18.14
tblFleetMix	HHD	0.02	0.00
tblFleetMix	LDA	0.59	0.99
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	5.0130e-003	0.00
tblFleetMix	MCY	5.3510e-003	8.9780e-003
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MH	8.0200e-004	0.00

tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	1.6350e-003	0.00
tblFleetMix	SBUS	2.7260e-003	0.00
tblFleetMix	UBUS	1.7420e-003	0.00
tblLandUse	LandUseSquareFeet	18,530.00	18,529.00
tblLandUse	LandUseSquareFeet	165,460.00	165,456.00
tblLandUse	LandUseSquareFeet	641,638.80	641,537.00
tblLandUse	LandUseSquareFeet	138,956.40	0.00
tblLandUse	LandUseSquareFeet	424,274.40	424,302.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	206.29
tblVehicleEF	HHD	0.42	0.02
tblVehicleEF	HHD	0.04	0.05
tblVehicleEF	HHD	0.09	0.00
tblVehicleEF	HHD	1.61	6.29
tblVehicleEF	HHD	0.83	0.40
tblVehicleEF	HHD	2.94	5.2140e-003
tblVehicleEF	HHD	4,403.05	1,056.37
tblVehicleEF	HHD	1,548.59	1,430.59
tblVehicleEF	HHD	8.87	0.04
tblVehicleEF	HHD	14.21	5.39
tblVehicleEF	HHD	1.96	2.65
tblVehicleEF	HHD	19.76	2.35
tblVehicleEF	HHD	8.9050e-003	2.7060e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	6.2570e-003	0.02
tblVehicleEF	HHD	9.7000e-005	1.0000e-006

tblVehicleEF	HHD	8.5190e-003	2.5890e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8090e-003	8.8640e-003
tblVehicleEF	HHD	5.9860e-003	0.02
tblVehicleEF	HHD	8.9000e-005	1.0000e-006
tblVehicleEF	HHD	8.2000e-005	2.0000e-006
tblVehicleEF	HHD	4.5240e-003	1.0700e-004
tblVehicleEF	HHD	0.42	0.43
tblVehicleEF	HHD	5.4000e-005	1.0000e-006
tblVehicleEF	HHD	0.09	0.03
tblVehicleEF	HHD	3.7700e-004	5.8700e-004
tblVehicleEF	HHD	0.08	2.0000e-006
tblVehicleEF	HHD	0.04	9.8310e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.3700e-004	0.00
tblVehicleEF	HHD	8.2000e-005	2.0000e-006
tblVehicleEF	HHD	4.5240e-003	1.0700e-004
tblVehicleEF	HHD	0.49	0.49
tblVehicleEF	HHD	5.4000e-005	1.0000e-006
tblVehicleEF	HHD	0.14	0.08
tblVehicleEF	HHD	3.7700e-004	5.8700e-004
tblVehicleEF	HHD	0.09	2.0000e-006
tblVehicleEF	HHD	0.40	0.03
tblVehicleEF	HHD	0.04	0.05
tblVehicleEF	HHD	0.09	0.00
tblVehicleEF	HHD	1.17	6.20
tblVehicleEF	HHD	0.84	0.40

tblVehicleEF	HHD	2.67	4.7480e-003
tblVehicleEF	HHD	4,664.64	1,044.57
tblVehicleEF	HHD	1,548.59	1,430.59
tblVehicleEF	HHD	8.87	0.04
tblVehicleEF	HHD	14.67	5.15
tblVehicleEF	HHD	1.89	2.56
tblVehicleEF	HHD	19.75	2.35
tblVehicleEF	HHD	7.5070e-003	2.3640e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	6.2570e-003	0.02
tblVehicleEF	HHD	9.7000e-005	1.0000e-006
tblVehicleEF	HHD	7.1820e-003	2.2610e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8090e-003	8.8640e-003
tblVehicleEF	HHD	5.9860e-003	0.02
tblVehicleEF	HHD	8.9000e-005	1.0000e-006
tblVehicleEF	HHD	2.2100e-004	7.0000e-006
tblVehicleEF	HHD	5.0360e-003	1.2300e-004
tblVehicleEF	HHD	0.40	0.45
tblVehicleEF	HHD	1.3800e-004	4.0000e-006
tblVehicleEF	HHD	0.09	0.03
tblVehicleEF	HHD	3.7200e-004	5.8800e-004
tblVehicleEF	HHD	0.08	2.0000e-006
tblVehicleEF	HHD	0.04	9.7210e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.3300e-004	0.00

tblVehicleEF	HHD	2.2100e-004	7.0000e-006
tblVehicleEF	HHD	5.0360e-003	1.2300e-004
tblVehicleEF	HHD	0.46	0.52
tblVehicleEF	HHD	1.3800e-004	4.0000e-006
tblVehicleEF	HHD	0.14	0.08
tblVehicleEF	HHD	3.7200e-004	5.8800e-004
tblVehicleEF	HHD	0.08	2.0000e-006
tblVehicleEF	HHD	0.46	0.02
tblVehicleEF	HHD	0.04	1.1400e-003
tblVehicleEF	HHD	0.10	0.00
tblVehicleEF	HHD	2.22	6.33
tblVehicleEF	HHD	0.83	0.25
tblVehicleEF	HHD	3.19	5.6560e-003
tblVehicleEF	HHD	4,041.81	1,056.79
tblVehicleEF	HHD	1,548.59	1,386.54
tblVehicleEF	HHD	8.87	0.04
tblVehicleEF	HHD	13.58	5.63
tblVehicleEF	HHD	1.99	2.68
tblVehicleEF	HHD	19.78	2.35
tblVehicleEF	HHD	0.01	3.0970e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.03
tblVehicleEF	HHD	6.2570e-003	0.02
tblVehicleEF	HHD	9.7000e-005	1.0000e-006
tblVehicleEF	HHD	0.01	2.9630e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8090e-003	8.7380e-003

tblVehicleEF	HHD	5.9860e-003	0.02
tblVehicleEF	HHD	8.9000e-005	1.0000e-006
tblVehicleEF	HHD	3.0000e-005	1.0000e-006
tblVehicleEF	HHD	4.7590e-003	1.2100e-004
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tblVehicleEF	HHD	2.2000e-005	0.00
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	4.1600e-004	6.3400e-004
tblVehicleEF	HHD	0.09	2.0000e-006
tblVehicleEF	HHD	0.04	9.9840e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.4100e-004	0.00
tblVehicleEF	HHD	3.0000e-005	1.0000e-006
tblVehicleEF	HHD	4.7590e-003	1.2100e-004
tblVehicleEF	HHD	0.53	0.45
tblVehicleEF	HHD	2.2000e-005	0.00
tblVehicleEF	HHD	0.14	0.03
tblVehicleEF	HHD	4.1600e-004	6.3400e-004
tblVehicleEF	HHD	0.09	2.0000e-006
tblVehicleEF	LDA	3.6390e-003	2.0230e-003
tblVehicleEF	LDA	5.1560e-003	0.05
tblVehicleEF	LDA	0.51	0.56
tblVehicleEF	LDA	1.15	2.23
tblVehicleEF	LDA	240.15	250.74
tblVehicleEF	LDA	55.03	53.12
tblVehicleEF	LDA	0.05	0.03
tblVehicleEF	LDA	0.07	0.19

tblVehicleEF	LDA	1.7300e-003	1.3980e-003
tblVehicleEF	LDA	2.3020e-003	1.8030e-003
tblVehicleEF	LDA	1.5950e-003	1.2880e-003
tblVehicleEF	LDA	2.1170e-003	1.6580e-003
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	9.1890e-003	7.7170e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.07	0.23
tblVehicleEF	LDA	2.4040e-003	2.4500e-003
tblVehicleEF	LDA	5.7000e-004	5.1900e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.08	0.25
tblVehicleEF	LDA	4.1310e-003	2.3340e-003
tblVehicleEF	LDA	4.1520e-003	0.04
tblVehicleEF	LDA	0.62	0.69
tblVehicleEF	LDA	0.88	1.70
tblVehicleEF	LDA	262.57	273.67
tblVehicleEF	LDA	55.03	52.12
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.06	0.16
tblVehicleEF	LDA	1.7300e-003	1.3980e-003

tblVehicleEF	LDA	2.3020e-003	1.8030e-003
tblVehicleEF	LDA	1.5950e-003	1.2880e-003
tblVehicleEF	LDA	2.1170e-003	1.6580e-003
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.06	0.09
tblVehicleEF	LDA	0.01	8.7460e-003
tblVehicleEF	LDA	0.03	0.21
tblVehicleEF	LDA	0.06	0.18
tblVehicleEF	LDA	2.6300e-003	2.6740e-003
tblVehicleEF	LDA	5.6500e-004	5.0900e-004
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.06	0.09
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.03	0.21
tblVehicleEF	LDA	0.06	0.20
tblVehicleEF	LDA	3.5350e-003	1.9360e-003
tblVehicleEF	LDA	5.8980e-003	0.06
tblVehicleEF	LDA	0.50	0.55
tblVehicleEF	LDA	1.37	2.66
tblVehicleEF	LDA	237.07	247.60
tblVehicleEF	LDA	55.03	53.92
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.07	0.20
tblVehicleEF	LDA	1.7300e-003	1.3980e-003
tblVehicleEF	LDA	2.3020e-003	1.8030e-003

tblVehicleEF	LDA	1.5950e-003	1.2880e-003
tblVehicleEF	LDA	2.1170e-003	1.6580e-003
tblVehicleEF	LDA	9.9280e-003	0.01
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	8.9340e-003	7.4880e-003
tblVehicleEF	LDA	0.04	0.25
tblVehicleEF	LDA	0.08	0.26
tblVehicleEF	LDA	2.3730e-003	2.4190e-003
tblVehicleEF	LDA	5.7300e-004	5.2700e-004
tblVehicleEF	LDA	9.9280e-003	0.01
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.26
tblVehicleEF	LDA	0.09	0.29
tblVehicleEF	LDT1	7.6860e-003	4.4470e-003
tblVehicleEF	LDT1	0.01	0.07
tblVehicleEF	LDT1	0.97	0.97
tblVehicleEF	LDT1	2.57	2.44
tblVehicleEF	LDT1	298.93	300.22
tblVehicleEF	LDT1	69.03	64.42
tblVehicleEF	LDT1	0.10	0.08
tblVehicleEF	LDT1	0.15	0.26
tblVehicleEF	LDT1	2.1650e-003	1.7790e-003
tblVehicleEF	LDT1	3.0280e-003	2.3550e-003
tblVehicleEF	LDT1	1.9930e-003	1.6370e-003

tblVehicleEF	LDT1	2.7840e-003	2.1650e-003
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.23	0.19
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.15	0.69
tblVehicleEF	LDT1	0.17	0.35
tblVehicleEF	LDT1	3.0000e-003	2.9340e-003
tblVehicleEF	LDT1	7.3500e-004	6.3000e-004
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.23	0.19
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.15	0.69
tblVehicleEF	LDT1	0.19	0.39
tblVehicleEF	LDT1	8.6410e-003	5.0720e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.16	1.16
tblVehicleEF	LDT1	1.95	1.85
tblVehicleEF	LDT1	325.86	323.93
tblVehicleEF	LDT1	69.03	63.25
tblVehicleEF	LDT1	0.09	0.07
tblVehicleEF	LDT1	0.13	0.23
tblVehicleEF	LDT1	2.1650e-003	1.7790e-003
tblVehicleEF	LDT1	3.0280e-003	2.3550e-003
tblVehicleEF	LDT1	1.9930e-003	1.6370e-003
tblVehicleEF	LDT1	2.7840e-003	2.1650e-003

tblVehicleEF	LDT1	0.22	0.24
tblVehicleEF	LDT1	0.27	0.22
tblVehicleEF	LDT1	0.17	0.19
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.14	0.64
tblVehicleEF	LDT1	0.14	0.28
tblVehicleEF	LDT1	3.2720e-003	3.1660e-003
tblVehicleEF	LDT1	7.2400e-004	6.1800e-004
tblVehicleEF	LDT1	0.22	0.24
tblVehicleEF	LDT1	0.27	0.22
tblVehicleEF	LDT1	0.17	0.19
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.14	0.64
tblVehicleEF	LDT1	0.15	0.31
tblVehicleEF	LDT1	7.5150e-003	4.2780e-003
tblVehicleEF	LDT1	0.01	0.08
tblVehicleEF	LDT1	0.96	0.95
tblVehicleEF	LDT1	3.07	2.91
tblVehicleEF	LDT1	295.24	296.99
tblVehicleEF	LDT1	69.03	65.35
tblVehicleEF	LDT1	0.11	0.09
tblVehicleEF	LDT1	0.16	0.28
tblVehicleEF	LDT1	2.1650e-003	1.7790e-003
tblVehicleEF	LDT1	3.0280e-003	2.3550e-003
tblVehicleEF	LDT1	1.9930e-003	1.6370e-003
tblVehicleEF	LDT1	2.7840e-003	2.1650e-003
tblVehicleEF	LDT1	0.03	0.03

tblVehicleEF	LDT1	0.25	0.20
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.18	0.84
tblVehicleEF	LDT1	0.20	0.41
tblVehicleEF	LDT1	2.9630e-003	2.9020e-003
tblVehicleEF	LDT1	7.4400e-004	6.3900e-004
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.25	0.20
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.18	0.84
tblVehicleEF	LDT1	0.21	0.44
tblVehicleEF	LDT2	4.8110e-003	3.1680e-003
tblVehicleEF	LDT2	6.5330e-003	0.07
tblVehicleEF	LDT2	0.65	0.76
tblVehicleEF	LDT2	1.45	2.83
tblVehicleEF	LDT2	336.88	322.32
tblVehicleEF	LDT2	77.47	69.42
tblVehicleEF	LDT2	0.07	0.06
tblVehicleEF	LDT2	0.11	0.28
tblVehicleEF	LDT2	1.6670e-003	1.3860e-003
tblVehicleEF	LDT2	2.2840e-003	1.7470e-003
tblVehicleEF	LDT2	1.5330e-003	1.2760e-003
tblVehicleEF	LDT2	2.1000e-003	1.6070e-003
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.11	0.13

tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.44
tblVehicleEF	LDT2	0.09	0.32
tblVehicleEF	LDT2	3.3730e-003	3.1490e-003
tblVehicleEF	LDT2	7.9900e-004	6.7800e-004
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.11	0.13
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.44
tblVehicleEF	LDT2	0.10	0.35
tblVehicleEF	LDT2	5.4550e-003	3.6370e-003
tblVehicleEF	LDT2	5.2650e-003	0.06
tblVehicleEF	LDT2	0.79	0.92
tblVehicleEF	LDT2	1.11	2.16
tblVehicleEF	LDT2	367.69	345.38
tblVehicleEF	LDT2	77.47	68.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.10	0.25
tblVehicleEF	LDT2	1.6670e-003	1.3860e-003
tblVehicleEF	LDT2	2.2840e-003	1.7470e-003
tblVehicleEF	LDT2	1.5330e-003	1.2760e-003
tblVehicleEF	LDT2	2.1000e-003	1.6070e-003
tblVehicleEF	LDT2	0.10	0.15
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.14

tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.41
tblVehicleEF	LDT2	0.07	0.25
tblVehicleEF	LDT2	3.6830e-003	3.3750e-003
tblVehicleEF	LDT2	7.9300e-004	6.6600e-004
tblVehicleEF	LDT2	0.10	0.15
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.14
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.41
tblVehicleEF	LDT2	0.08	0.28
tblVehicleEF	LDT2	4.6690e-003	3.0370e-003
tblVehicleEF	LDT2	7.4660e-003	0.08
tblVehicleEF	LDT2	0.64	0.74
tblVehicleEF	LDT2	1.72	3.38
tblVehicleEF	LDT2	332.66	319.17
tblVehicleEF	LDT2	77.47	70.45
tblVehicleEF	LDT2	0.07	0.07
tblVehicleEF	LDT2	0.12	0.31
tblVehicleEF	LDT2	1.6670e-003	1.3860e-003
tblVehicleEF	LDT2	2.2840e-003	1.7470e-003
tblVehicleEF	LDT2	1.5330e-003	1.2760e-003
tblVehicleEF	LDT2	2.1000e-003	1.6070e-003
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.11	0.13
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.01	0.01

tblVehicleEF	LDT2	0.07	0.53
tblVehicleEF	LDT2	0.10	0.36
tblVehicleEF	LDT2	3.3310e-003	3.1180e-003
tblVehicleEF	LDT2	8.0400e-004	6.8800e-004
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.11	0.13
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.53
tblVehicleEF	LDT2	0.11	0.40
tblVehicleEF	LHD1	5.1020e-003	4.8930e-003
tblVehicleEF	LHD1	0.02	9.1090e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	1.06	0.84
tblVehicleEF	LHD1	2.42	1.02
tblVehicleEF	LHD1	9.16	9.19
tblVehicleEF	LHD1	688.30	789.29
tblVehicleEF	LHD1	30.44	11.05
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	1.51	1.05
tblVehicleEF	LHD1	0.97	0.31
tblVehicleEF	LHD1	9.5100e-004	9.1900e-004
tblVehicleEF	LHD1	0.01	9.8840e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	8.9000e-004	2.4000e-004
tblVehicleEF	LHD1	9.1000e-004	8.7900e-004

tblVehicleEF	LHD1	2.5410e-003	2.4710e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	8.1800e-004	2.2000e-004
tblVehicleEF	LHD1	2.3270e-003	1.8540e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.3250e-003	1.0520e-003
tblVehicleEF	LHD1	0.13	0.11
tblVehicleEF	LHD1	0.32	0.54
tblVehicleEF	LHD1	0.25	0.07
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	6.7490e-003	7.6960e-003
tblVehicleEF	LHD1	3.5000e-004	1.0900e-004
tblVehicleEF	LHD1	2.3270e-003	1.8540e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.3250e-003	1.0520e-003
tblVehicleEF	LHD1	0.16	0.13
tblVehicleEF	LHD1	0.32	0.54
tblVehicleEF	LHD1	0.27	0.08
tblVehicleEF	LHD1	5.1020e-003	4.9090e-003
tblVehicleEF	LHD1	0.02	9.3370e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	1.08	0.85
tblVehicleEF	LHD1	2.21	0.94
tblVehicleEF	LHD1	9.16	9.19

tblVehicleEF	LHD1	688.30	789.32
tblVehicleEF	LHD1	30.44	10.90
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	1.45	1.00
tblVehicleEF	LHD1	0.90	0.29
tblVehicleEF	LHD1	9.5100e-004	9.1900e-004
tblVehicleEF	LHD1	0.01	9.8840e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	8.9000e-004	2.4000e-004
tblVehicleEF	LHD1	9.1000e-004	8.7900e-004
tblVehicleEF	LHD1	2.5410e-003	2.4710e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	8.1800e-004	2.2000e-004
tblVehicleEF	LHD1	5.9140e-003	4.7390e-003
tblVehicleEF	LHD1	0.11	0.09
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.0460e-003	2.4410e-003
tblVehicleEF	LHD1	0.13	0.11
tblVehicleEF	LHD1	0.31	0.52
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	6.7490e-003	7.6960e-003
tblVehicleEF	LHD1	3.4600e-004	1.0800e-004
tblVehicleEF	LHD1	5.9140e-003	4.7390e-003
tblVehicleEF	LHD1	0.11	0.09
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	3.0460e-003	2.4410e-003

tblVehicleEF	LHD1	0.16	0.13
tblVehicleEF	LHD1	0.31	0.52
tblVehicleEF	LHD1	0.25	0.08
tblVehicleEF	LHD1	5.1020e-003	4.8800e-003
tblVehicleEF	LHD1	0.02	8.9290e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	1.04	0.82
tblVehicleEF	LHD1	2.62	1.10
tblVehicleEF	LHD1	9.16	9.19
tblVehicleEF	LHD1	688.30	789.26
tblVehicleEF	LHD1	30.44	11.18
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	1.54	1.07
tblVehicleEF	LHD1	1.04	0.33
tblVehicleEF	LHD1	9.5100e-004	9.1900e-004
tblVehicleEF	LHD1	0.01	9.8840e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	8.9000e-004	2.4000e-004
tblVehicleEF	LHD1	9.1000e-004	8.7900e-004
tblVehicleEF	LHD1	2.5410e-003	2.4710e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	8.1800e-004	2.2000e-004
tblVehicleEF	LHD1	8.2100e-004	6.4500e-004
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	5.8900e-004	4.6200e-004

tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.35	0.60
tblVehicleEF	LHD1	0.26	0.08
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	6.7480e-003	7.6960e-003
tblVehicleEF	LHD1	3.5400e-004	1.1100e-004
tblVehicleEF	LHD1	8.2100e-004	6.4500e-004
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	5.8900e-004	4.6200e-004
tblVehicleEF	LHD1	0.16	0.13
tblVehicleEF	LHD1	0.35	0.60
tblVehicleEF	LHD1	0.29	0.09
tblVehicleEF	LHD2	3.2260e-003	2.9780e-003
tblVehicleEF	LHD2	7.5270e-003	7.2500e-003
tblVehicleEF	LHD2	6.3400e-003	7.8280e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.58	0.67
tblVehicleEF	LHD2	1.07	0.57
tblVehicleEF	LHD2	14.25	14.44
tblVehicleEF	LHD2	705.97	766.73
tblVehicleEF	LHD2	22.79	7.20
tblVehicleEF	LHD2	0.11	0.11
tblVehicleEF	LHD2	0.90	1.10
tblVehicleEF	LHD2	0.43	0.18
tblVehicleEF	LHD2	1.2870e-003	1.4660e-003
tblVehicleEF	LHD2	0.01	0.01

tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.7300e-004	1.1500e-004
tblVehicleEF	LHD2	1.2310e-003	1.4020e-003
tblVehicleEF	LHD2	2.7030e-003	2.7080e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.4300e-004	1.0600e-004
tblVehicleEF	LHD2	6.7600e-004	8.5500e-004
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.1400e-004	5.0100e-004
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	0.06	0.23
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	1.3900e-004	1.3800e-004
tblVehicleEF	LHD2	6.8600e-003	7.3950e-003
tblVehicleEF	LHD2	2.4700e-004	7.1000e-005
tblVehicleEF	LHD2	6.7600e-004	8.5500e-004
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	4.1400e-004	5.0100e-004
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.06	0.23
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.2260e-003	2.9870e-003
tblVehicleEF	LHD2	7.6300e-003	7.3320e-003
tblVehicleEF	LHD2	5.9600e-003	7.3400e-003
tblVehicleEF	LHD2	0.12	0.13

tblVehicleEF	LHD2	0.59	0.68
tblVehicleEF	LHD2	0.98	0.52
tblVehicleEF	LHD2	14.25	14.44
tblVehicleEF	LHD2	705.97	766.74
tblVehicleEF	LHD2	22.79	7.12
tblVehicleEF	LHD2	0.11	0.11
tblVehicleEF	LHD2	0.86	1.05
tblVehicleEF	LHD2	0.40	0.16
tblVehicleEF	LHD2	1.2870e-003	1.4660e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.7300e-004	1.1500e-004
tblVehicleEF	LHD2	1.2310e-003	1.4020e-003
tblVehicleEF	LHD2	2.7030e-003	2.7080e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.4300e-004	1.0600e-004
tblVehicleEF	LHD2	1.7050e-003	2.1770e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	9.4900e-004	1.1600e-003
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	0.06	0.23
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	1.3900e-004	1.3800e-004
tblVehicleEF	LHD2	6.8600e-003	7.3950e-003
tblVehicleEF	LHD2	2.4600e-004	7.0000e-005
tblVehicleEF	LHD2	1.7050e-003	2.1770e-003

tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.4900e-004	1.1600e-003
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.06	0.23
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.2260e-003	2.9710e-003
tblVehicleEF	LHD2	7.4430e-003	7.1840e-003
tblVehicleEF	LHD2	6.6650e-003	8.2420e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.58	0.66
tblVehicleEF	LHD2	1.15	0.61
tblVehicleEF	LHD2	14.25	14.44
tblVehicleEF	LHD2	705.97	766.72
tblVehicleEF	LHD2	22.79	7.27
tblVehicleEF	LHD2	0.11	0.11
tblVehicleEF	LHD2	0.91	1.12
tblVehicleEF	LHD2	0.46	0.19
tblVehicleEF	LHD2	1.2870e-003	1.4660e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.7300e-004	1.1500e-004
tblVehicleEF	LHD2	1.2310e-003	1.4020e-003
tblVehicleEF	LHD2	2.7030e-003	2.7080e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.4300e-004	1.0600e-004
tblVehicleEF	LHD2	2.5800e-004	3.1200e-004

tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.8800e-004	2.2600e-004
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	0.06	0.26
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	1.3900e-004	1.3800e-004
tblVehicleEF	LHD2	6.8600e-003	7.3950e-003
tblVehicleEF	LHD2	2.4900e-004	7.2000e-005
tblVehicleEF	LHD2	2.5800e-004	3.1200e-004
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.8800e-004	2.2600e-004
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.06	0.26
tblVehicleEF	LHD2	0.10	0.04
tblVehicleEF	MCY	0.45	0.34
tblVehicleEF	MCY	0.16	0.26
tblVehicleEF	MCY	20.06	20.36
tblVehicleEF	MCY	10.20	9.04
tblVehicleEF	MCY	173.01	213.56
tblVehicleEF	MCY	46.02	62.06
tblVehicleEF	MCY	1.16	1.17
tblVehicleEF	MCY	0.32	0.27
tblVehicleEF	MCY	2.0750e-003	2.0050e-003
tblVehicleEF	MCY	3.9450e-003	3.1440e-003
tblVehicleEF	MCY	1.9420e-003	1.8760e-003

tblVehicleEF	MCY	3.7210e-003	2.9630e-003
tblVehicleEF	MCY	0.88	0.90
tblVehicleEF	MCY	0.76	0.76
tblVehicleEF	MCY	0.56	0.57
tblVehicleEF	MCY	2.29	2.31
tblVehicleEF	MCY	0.62	2.16
tblVehicleEF	MCY	2.25	1.99
tblVehicleEF	MCY	2.1250e-003	2.1130e-003
tblVehicleEF	MCY	6.9300e-004	6.1400e-004
tblVehicleEF	MCY	0.88	0.90
tblVehicleEF	MCY	0.76	0.76
tblVehicleEF	MCY	0.56	0.57
tblVehicleEF	MCY	2.83	2.84
tblVehicleEF	MCY	0.62	2.16
tblVehicleEF	MCY	2.45	2.16
tblVehicleEF	MCY	0.44	0.33
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	19.31	19.59
tblVehicleEF	MCY	8.86	7.81
tblVehicleEF	MCY	173.01	212.00
tblVehicleEF	MCY	46.02	58.85
tblVehicleEF	MCY	1.02	1.02
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	2.0750e-003	2.0050e-003
tblVehicleEF	MCY	3.9450e-003	3.1440e-003
tblVehicleEF	MCY	1.9420e-003	1.8760e-003
tblVehicleEF	MCY	3.7210e-003	2.9630e-003

tblVehicleEF	MCY	2.61	2.63
tblVehicleEF	MCY	1.08	1.10
tblVehicleEF	MCY	1.72	1.72
tblVehicleEF	MCY	2.20	2.21
tblVehicleEF	MCY	0.59	2.04
tblVehicleEF	MCY	1.84	1.61
tblVehicleEF	MCY	2.1100e-003	2.0980e-003
tblVehicleEF	MCY	6.5900e-004	5.8200e-004
tblVehicleEF	MCY	2.61	2.63
tblVehicleEF	MCY	1.08	1.10
tblVehicleEF	MCY	1.72	1.72
tblVehicleEF	MCY	2.72	2.73
tblVehicleEF	MCY	0.59	2.04
tblVehicleEF	MCY	2.00	1.76
tblVehicleEF	MCY	0.47	0.35
tblVehicleEF	MCY	0.19	0.30
tblVehicleEF	MCY	21.89	22.24
tblVehicleEF	MCY	11.74	10.49
tblVehicleEF	MCY	173.01	216.95
tblVehicleEF	MCY	46.02	65.58
tblVehicleEF	MCY	1.25	1.26
tblVehicleEF	MCY	0.35	0.29
tblVehicleEF	MCY	2.0750e-003	2.0050e-003
tblVehicleEF	MCY	3.9450e-003	3.1440e-003
tblVehicleEF	MCY	1.9420e-003	1.8760e-003
tblVehicleEF	MCY	3.7210e-003	2.9630e-003
tblVehicleEF	MCY	0.17	0.18

tblVehicleEF	MCY	0.88	0.87
tblVehicleEF	MCY	0.17	0.18
tblVehicleEF	MCY	2.40	2.42
tblVehicleEF	MCY	0.73	2.55
tblVehicleEF	MCY	2.64	2.36
tblVehicleEF	MCY	2.1570e-003	2.1470e-003
tblVehicleEF	MCY	7.3000e-004	6.4900e-004
tblVehicleEF	MCY	0.17	0.18
tblVehicleEF	MCY	0.88	0.87
tblVehicleEF	MCY	0.17	0.18
tblVehicleEF	MCY	2.96	2.98
tblVehicleEF	MCY	0.73	2.55
tblVehicleEF	MCY	2.88	2.57
tblVehicleEF	MDV	9.5600e-003	4.3490e-003
tblVehicleEF	MDV	0.02	0.08
tblVehicleEF	MDV	1.06	0.91
tblVehicleEF	MDV	2.97	3.28
tblVehicleEF	MDV	460.03	398.00
tblVehicleEF	MDV	104.52	85.10
tblVehicleEF	MDV	0.13	0.09
tblVehicleEF	MDV	0.27	0.36
tblVehicleEF	MDV	1.7650e-003	1.5310e-003
tblVehicleEF	MDV	2.4290e-003	1.8920e-003
tblVehicleEF	MDV	1.6260e-003	1.4120e-003
tblVehicleEF	MDV	2.2340e-003	1.7400e-003
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.18	0.15

tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.10	0.50
tblVehicleEF	MDV	0.23	0.42
tblVehicleEF	MDV	4.6060e-003	3.8860e-003
tblVehicleEF	MDV	1.0970e-003	8.3200e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.10	0.50
tblVehicleEF	MDV	0.25	0.46
tblVehicleEF	MDV	0.01	4.9840e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.28	1.10
tblVehicleEF	MDV	2.28	2.49
tblVehicleEF	MDV	500.91	422.14
tblVehicleEF	MDV	104.52	83.56
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	0.23	0.31
tblVehicleEF	MDV	1.7650e-003	1.5310e-003
tblVehicleEF	MDV	2.4290e-003	1.8920e-003
tblVehicleEF	MDV	1.6260e-003	1.4120e-003
tblVehicleEF	MDV	2.2340e-003	1.7400e-003
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.15	0.18

tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.10	0.47
tblVehicleEF	MDV	0.18	0.34
tblVehicleEF	MDV	5.0170e-003	4.1220e-003
tblVehicleEF	MDV	1.0850e-003	8.1700e-004
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.15	0.18
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.10	0.47
tblVehicleEF	MDV	0.20	0.37
tblVehicleEF	MDV	9.3050e-003	4.1840e-003
tblVehicleEF	MDV	0.02	0.10
tblVehicleEF	MDV	1.04	0.90
tblVehicleEF	MDV	3.54	3.92
tblVehicleEF	MDV	454.42	394.71
tblVehicleEF	MDV	104.52	86.33
tblVehicleEF	MDV	0.15	0.10
tblVehicleEF	MDV	0.29	0.39
tblVehicleEF	MDV	1.7650e-003	1.5310e-003
tblVehicleEF	MDV	2.4290e-003	1.8920e-003
tblVehicleEF	MDV	1.6260e-003	1.4120e-003
tblVehicleEF	MDV	2.2340e-003	1.7400e-003
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.02	0.02

tblVehicleEF	MDV	0.12	0.60
tblVehicleEF	MDV	0.26	0.48
tblVehicleEF	MDV	4.5490e-003	3.8540e-003
tblVehicleEF	MDV	1.1070e-003	8.4400e-004
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.12	0.60
tblVehicleEF	MDV	0.28	0.52
tblVehicleEF	MH	0.03	5.4090e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.76	0.42
tblVehicleEF	MH	5.32	0.00
tblVehicleEF	MH	1,217.16	1,022.72
tblVehicleEF	MH	58.34	0.00
tblVehicleEF	MH	1.43	4.47
tblVehicleEF	MH	0.82	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.03	0.11
tblVehicleEF	MH	1.0260e-003	0.00
tblVehicleEF	MH	3.2280e-003	4.0000e-003
tblVehicleEF	MH	0.03	0.10
tblVehicleEF	MH	9.4400e-004	0.00
tblVehicleEF	MH	0.73	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.29	0.00

tblVehicleEF	MH	0.09	0.12
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.01	9.6680e-003
tblVehicleEF	MH	6.7600e-004	0.00
tblVehicleEF	MH	0.73	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.29	0.00
tblVehicleEF	MH	0.12	0.13
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.34	0.00
tblVehicleEF	MH	0.03	5.4090e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.85	0.42
tblVehicleEF	MH	4.77	0.00
tblVehicleEF	MH	1,217.16	1,022.72
tblVehicleEF	MH	58.34	0.00
tblVehicleEF	MH	1.35	4.30
tblVehicleEF	MH	0.75	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.03	0.11
tblVehicleEF	MH	1.0260e-003	0.00
tblVehicleEF	MH	3.2280e-003	4.0000e-003
tblVehicleEF	MH	0.03	0.10
tblVehicleEF	MH	9.4400e-004	0.00
tblVehicleEF	MH	1.87	0.00
tblVehicleEF	MH	0.08	0.00

tblVehicleEF	MH	0.68	0.00
tblVehicleEF	MH	0.09	0.12
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.29	0.00
tblVehicleEF	MH	0.01	9.6680e-003
tblVehicleEF	MH	6.6700e-004	0.00
tblVehicleEF	MH	1.87	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.68	0.00
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MH	0.02	5.4090e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.42
tblVehicleEF	MH	5.79	0.00
tblVehicleEF	MH	1,217.16	1,022.72
tblVehicleEF	MH	58.34	0.00
tblVehicleEF	MH	1.47	4.54
tblVehicleEF	MH	0.87	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.03	0.11
tblVehicleEF	MH	1.0260e-003	0.00
tblVehicleEF	MH	3.2280e-003	4.0000e-003
tblVehicleEF	MH	0.03	0.10
tblVehicleEF	MH	9.4400e-004	0.00
tblVehicleEF	MH	0.24	0.00

tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.09	0.12
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.33	0.00
tblVehicleEF	MH	0.01	9.6680e-003
tblVehicleEF	MH	6.8400e-004	0.00
tblVehicleEF	MH	0.24	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.12	0.13
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.36	0.00
tblVehicleEF	MHD	0.02	3.9160e-003
tblVehicleEF	MHD	4.9700e-003	2.3910e-003
tblVehicleEF	MHD	0.05	0.01
tblVehicleEF	MHD	0.38	0.43
tblVehicleEF	MHD	0.38	0.31
tblVehicleEF	MHD	6.00	1.27
tblVehicleEF	MHD	133.47	85.11
tblVehicleEF	MHD	1,192.77	1,121.58
tblVehicleEF	MHD	61.31	10.33
tblVehicleEF	MHD	0.39	0.54
tblVehicleEF	MHD	1.12	1.47
tblVehicleEF	MHD	10.22	1.66
tblVehicleEF	MHD	1.6200e-004	5.4800e-004
tblVehicleEF	MHD	3.2560e-003	7.1590e-003

tblVehicleEF	MHD	9.2600e-004	1.3300e-004
tblVehicleEF	MHD	1.5500e-004	5.2400e-004
tblVehicleEF	MHD	3.1080e-003	6.8410e-003
tblVehicleEF	MHD	8.5200e-004	1.2200e-004
tblVehicleEF	MHD	8.6000e-004	4.4100e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	4.9300e-004	2.4900e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.02	0.12
tblVehicleEF	MHD	0.36	0.06
tblVehicleEF	MHD	1.2860e-003	8.0700e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.1800e-004	1.0200e-004
tblVehicleEF	MHD	8.6000e-004	4.4100e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	4.9300e-004	2.4900e-004
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	0.02	0.12
tblVehicleEF	MHD	0.39	0.06
tblVehicleEF	MHD	0.02	3.6900e-003
tblVehicleEF	MHD	5.0950e-003	2.4670e-003
tblVehicleEF	MHD	0.04	9.9260e-003
tblVehicleEF	MHD	0.26	0.36
tblVehicleEF	MHD	0.39	0.32
tblVehicleEF	MHD	5.47	1.15

tblVehicleEF	MHD	141.54	85.48
tblVehicleEF	MHD	1,192.77	1,121.59
tblVehicleEF	MHD	61.31	10.14
tblVehicleEF	MHD	0.40	0.53
tblVehicleEF	MHD	1.08	1.41
tblVehicleEF	MHD	10.16	1.65
tblVehicleEF	MHD	1.3600e-004	4.6600e-004
tblVehicleEF	MHD	3.2560e-003	7.1590e-003
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tblVehicleEF	MHD	1.3000e-004	4.4500e-004
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tblVehicleEF	MHD	8.5200e-004	1.2200e-004
tblVehicleEF	MHD	2.2590e-003	1.1640e-003
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.2050e-003	6.1500e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.02	0.12
tblVehicleEF	MHD	0.33	0.05
tblVehicleEF	MHD	1.3620e-003	8.1100e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.0900e-004	1.0000e-004
tblVehicleEF	MHD	2.2590e-003	1.1640e-003
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	1.2050e-003	6.1500e-004
tblVehicleEF	MHD	0.05	0.03

tblVehicleEF	MHD	0.02	0.12
tblVehicleEF	MHD	0.37	0.06
tblVehicleEF	MHD	0.02	4.1380e-003
tblVehicleEF	MHD	4.8720e-003	2.3310e-003
tblVehicleEF	MHD	0.05	0.01
tblVehicleEF	MHD	0.49	0.50
tblVehicleEF	MHD	0.38	0.30
tblVehicleEF	MHD	6.51	1.37
tblVehicleEF	MHD	122.70	84.73
tblVehicleEF	MHD	1,192.77	1,121.57
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tblVehicleEF	MHD	0.37	0.55
tblVehicleEF	MHD	1.14	1.50
tblVehicleEF	MHD	10.28	1.66
tblVehicleEF	MHD	1.9700e-004	6.6200e-004
tblVehicleEF	MHD	3.2560e-003	7.1590e-003
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tblVehicleEF	MHD	1.8800e-004	6.3300e-004
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tblVehicleEF	MHD	2.9000e-004	1.4600e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	2.0700e-004	1.0400e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.14
tblVehicleEF	MHD	0.38	0.06

tblVehicleEF	MHD	1.1850e-003	8.0300e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.2700e-004	1.0400e-004
tblVehicleEF	MHD	2.9000e-004	1.4600e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	2.0700e-004	1.0400e-004
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tblVehicleEF	MHD	0.03	0.14
tblVehicleEF	MHD	0.42	0.07
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tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.24	0.50
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tblVehicleEF	OBUS	1,281.05	1,529.18
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tblVehicleEF	OBUS	0.75	1.13
tblVehicleEF	OBUS	2.21	0.67
tblVehicleEF	OBUS	1.3000e-005	7.6000e-005
tblVehicleEF	OBUS	2.2850e-003	5.7660e-003
tblVehicleEF	OBUS	8.3600e-004	2.0700e-004
tblVehicleEF	OBUS	1.2000e-005	7.3000e-005
tblVehicleEF	OBUS	2.1610e-003	5.4930e-003

tblVehicleEF	OBUS	7.6900e-004	1.9100e-004
tblVehicleEF	OBUS	1.1280e-003	1.6900e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	5.5700e-004	8.1800e-004
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	0.04	0.30
tblVehicleEF	OBUS	0.36	0.14
tblVehicleEF	OBUS	6.9000e-004	6.1800e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.9500e-004	2.2000e-004
tblVehicleEF	OBUS	1.1280e-003	1.6900e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	5.5700e-004	8.1800e-004
tblVehicleEF	OBUS	0.06	0.08
tblVehicleEF	OBUS	0.04	0.30
tblVehicleEF	OBUS	0.39	0.15
tblVehicleEF	OBUS	0.01	8.9430e-003
tblVehicleEF	OBUS	9.6890e-003	0.01
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.24	0.49
tblVehicleEF	OBUS	0.61	1.16
tblVehicleEF	OBUS	5.19	2.68
tblVehicleEF	OBUS	74.27	63.97
tblVehicleEF	OBUS	1,281.05	1,529.25
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tblVehicleEF	OBUS	0.71	1.06
tblVehicleEF	OBUS	2.14	0.65
tblVehicleEF	OBUS	1.1000e-005	6.7000e-005
tblVehicleEF	OBUS	2.2850e-003	5.7660e-003
tblVehicleEF	OBUS	8.3600e-004	2.0700e-004
tblVehicleEF	OBUS	1.0000e-005	6.4000e-005
tblVehicleEF	OBUS	2.1610e-003	5.4930e-003
tblVehicleEF	OBUS	7.6900e-004	1.9100e-004
tblVehicleEF	OBUS	2.7790e-003	4.1440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.2970e-003	1.8720e-003
tblVehicleEF	OBUS	0.05	0.06
tblVehicleEF	OBUS	0.04	0.29
tblVehicleEF	OBUS	0.33	0.13
tblVehicleEF	OBUS	7.2100e-004	6.1100e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8500e-004	2.1500e-004
tblVehicleEF	OBUS	2.7790e-003	4.1440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	1.2970e-003	1.8720e-003
tblVehicleEF	OBUS	0.06	0.08
tblVehicleEF	OBUS	0.04	0.29
tblVehicleEF	OBUS	0.36	0.14
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tblVehicleEF	OBUS	9.1390e-003	9.9190e-003
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tblVehicleEF	OBUS	0.77	1.17
tblVehicleEF	OBUS	2.28	0.69
tblVehicleEF	OBUS	1.5000e-005	8.8000e-005
tblVehicleEF	OBUS	2.2850e-003	5.7660e-003
tblVehicleEF	OBUS	8.3600e-004	2.0700e-004
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tblVehicleEF	OBUS	4.9100e-004	7.2400e-004
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	2.6400e-004	3.8800e-004
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	0.04	0.33
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tblVehicleEF	OBUS	0.04	0.06
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tblVehicleEF	SBUS	0.03	0.02
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tblVehicleEF	SBUS	2.9340e-003	2.9050e-003
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	1.4900e-004	1.4000e-005

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tblVehicleEF	SBUS	3.7400e-004	7.6000e-005
tblVehicleEF	SBUS	3.7140e-003	7.3300e-004
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tblVehicleEF	SBUS	1.5950e-003	4.6680e-003
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tblVehicleEF	SBUS	1.6200e-004	1.5000e-005
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tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	1.4900e-004	1.4000e-005
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tblVehicleEF	SBUS	1.6200e-004	1.5000e-005
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tblVehicleEF	SBUS	1.6100e-004	3.0000e-005
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tblVehicleEF	SBUS	2.0510e-003	6.0080e-003
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tblVehicleEF	SBUS	0.01	2.8340e-003
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tblVehicleEF	SBUS	1.2600e-004	1.1000e-005
tblVehicleEF	SBUS	1.6100e-004	3.0000e-005
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tblVehicleEF	SBUS	2.0510e-003	6.0080e-003
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tblVehicleEF	UBUS	0.12	5.5090e-003
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tblVehicleEF	UBUS	3.0000e-003	6.2650e-003
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tblVehicleEF	UBUS	1.1580e-003	4.3000e-005
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tblVehicleEF	UBUS	0.02	1.5250e-003
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tblVehicleEF	UBUS	12.07	0.03
tblVehicleEF	UBUS	0.49	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	5.5090e-003
tblVehicleEF	UBUS	1.2590e-003	4.6000e-005
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	6.2650e-003

tblVehicleEF	UBUS	0.11	5.2630e-003
tblVehicleEF	UBUS	1.1580e-003	4.3000e-005
tblVehicleEF	UBUS	0.01	8.3400e-004
tblVehicleEF	UBUS	0.11	1.0350e-003
tblVehicleEF	UBUS	6.2310e-003	1.5700e-004
tblVehicleEF	UBUS	0.42	2.4100e-003
tblVehicleEF	UBUS	0.02	1.4250e-003
tblVehicleEF	UBUS	0.85	5.0770e-003
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	1.6930e-003	2.7000e-005
tblVehicleEF	UBUS	0.01	8.3400e-004
tblVehicleEF	UBUS	0.11	1.0350e-003
tblVehicleEF	UBUS	6.2310e-003	1.5700e-004
tblVehicleEF	UBUS	0.69	0.12
tblVehicleEF	UBUS	0.02	1.4250e-003
tblVehicleEF	UBUS	0.93	5.5590e-003
tblVehicleEF	UBUS	0.23	0.12
tblVehicleEF	UBUS	0.08	1.7830e-003
tblVehicleEF	UBUS	4.07	0.21
tblVehicleEF	UBUS	14.22	0.31
tblVehicleEF	UBUS	1,966.36	1,403.49
tblVehicleEF	UBUS	152.19	2.85
tblVehicleEF	UBUS	6.21	1.67
tblVehicleEF	UBUS	12.31	0.03
tblVehicleEF	UBUS	0.49	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	5.5090e-003

tblVehicleEF	UBUS	1.2590e-003	4.6000e-005
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	6.2650e-003
tblVehicleEF	UBUS	0.11	5.2630e-003
tblVehicleEF	UBUS	1.1580e-003	4.3000e-005
tblVehicleEF	UBUS	1.8230e-003	4.8000e-005
tblVehicleEF	UBUS	0.10	6.9100e-004
tblVehicleEF	UBUS	1.2370e-003	1.0000e-005
tblVehicleEF	UBUS	0.40	2.3640e-003
tblVehicleEF	UBUS	0.03	1.8010e-003
tblVehicleEF	UBUS	1.10	6.2690e-003
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	1.7790e-003	2.8000e-005
tblVehicleEF	UBUS	1.8230e-003	4.8000e-005
tblVehicleEF	UBUS	0.10	6.9100e-004
tblVehicleEF	UBUS	1.2370e-003	1.0000e-005
tblVehicleEF	UBUS	0.67	0.12
tblVehicleEF	UBUS	0.03	1.8010e-003
tblVehicleEF	UBUS	1.20	6.8640e-003
tblVehicleTrips	CC_TTP	28.00	0.00
tblVehicleTrips	CNW_TTP	13.00	0.00
tblVehicleTrips	CW_TL	9.50	20.53
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PR_TP	79.00	100.00
tblVehicleTrips	ST_TR	2.46	0.00

tblVehicleTrips	ST_TR	2.49	6.49
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	0.73	6.49
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	6.83	6.49
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	OutdoorWaterUseRate	2,018,539.38	0.00
tblWater	OutdoorWaterUseRate	0.00	1,619,771.39
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.8924	2.0000e-005	1.9400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.7800e-003	3.7800e-003	1.0000e-005	0.0000	4.0300e-003
Energy	0.0190	0.1727	0.1451	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	409.1911	409.1911	0.0347	9.8800e-003	413.0027
Mobile	0.5427	0.4725	7.5317	0.0219	2.9411	0.0132	2.9543	0.7814	0.0122	0.7936	0.0000	2,028.1478	2,028.1478	0.0609	0.0000	2,029.6713
Waste						0.0000	0.0000		0.0000	0.0000	45.1452	0.0000	45.1452	2.6680	0.0000	111.8453

Water						0.0000	0.0000		0.0000	0.0000	14.7026	21.5710	36.2735	0.0536	0.0326	47.3295
Total	**1.4541**	**0.6453**	**7.6787**	**0.0229**	**2.9411**	**0.0263**	**2.9674**	**0.7814**	**0.0253**	**0.8067**	**59.8478**	**2,458.9137**	**2,518.7614**	**2.8173**	**0.0425**	**2,601.8528**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.8924	2.0000e-005	1.9400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.7800e-003	3.7800e-003	1.0000e-005	0.0000	4.0300e-003
Energy	0.0190	0.1727	0.1451	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	188.0174	188.0174	3.6000e-003	3.4500e-003	189.1347
Mobile	0.5427	0.4725	7.5317	0.0219	2.9411	0.0132	2.9543	0.7814	0.0122	0.7936	0.0000	2,028.1478	2,028.1478	0.0609	0.0000	2,029.6713
Waste						0.0000	0.0000		0.0000	0.0000	45.1452	0.0000	45.1452	2.6680	0.0000	111.8453
Water						0.0000	0.0000		0.0000	0.0000	11.7621	17.3305	29.0926	0.0429	0.0261	37.9382
Total	**1.4541**	**0.6453**	**7.6787**	**0.0229**	**2.9411**	**0.0263**	**2.9674**	**0.7814**	**0.0253**	**0.8067**	**56.9073**	**2,233.4995**	**2,290.4067**	**2.7755**	**0.0295**	**2,368.5935**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**4.91**	**9.17**	**9.07**	**1.48**	**30.48**	**8.97**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.5427	0.4725	7.5317	0.0219	2.9411	0.0132	2.9543	0.7814	0.0122	0.7936	0.0000	2,028.1478	2,028.1478	0.0609	0.0000	2,029.6713
Unmitigated	0.5427	0.4725	7.5317	0.0219	2.9411	0.0132	2.9543	0.7814	0.0122	0.7936	0.0000	2,028.1478	2,028.1478	0.0609	0.0000	2,029.6713

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Industrial Park	1,074.03	1,074.03	1074.03	8,026,170	8,026,170
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	1,074.03	1,074.03	1,074.03	8,026,170	8,026,170

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Industrial Park	20.53	7.30	7.30	100.00	0.00	0.00	100	0	0
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.590657	0.037535	0.185105	0.118290	0.015611	0.005013	0.010768	0.024764	0.001635	0.001742	0.005351	0.002726	0.000802
Industrial Park	0.991022	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.008978	0.000000	0.000000
Other Asphalt Surfaces	0.590657	0.037535	0.185105	0.118290	0.015611	0.005013	0.010768	0.024764	0.001635	0.001742	0.005351	0.002726	0.000802
Other Non-Asphalt Surfaces	0.590657	0.037535	0.185105	0.118290	0.015611	0.005013	0.010768	0.024764	0.001635	0.001742	0.005351	0.002726	0.000802
Parking Lot	0.590657	0.037535	0.185105	0.118290	0.015611	0.005013	0.010768	0.024764	0.001635	0.001742	0.005351	0.002726	0.000802

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Percent of Electricity Use Generated with Renewable Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	221.1737	221.1737	0.0311	6.4300e-003	223.8680
NaturalGas Mitigated	0.0190	0.1727	0.1451	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	188.0174	188.0174	3.6000e-003	3.4500e-003	189.1347
NaturalGas Unmitigated	0.0190	0.1727	0.1451	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	188.0174	188.0174	3.6000e-003	3.4500e-003	189.1347

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	354830	1.9100e-003	0.0174	0.0146	1.0000e-004		1.3200e-003	1.3200e-003		1.3200e-003	1.3200e-003	0.0000	18.9351	18.9351	3.6000e-004	3.5000e-004	19.0476
Industrial Park	3.16848e+006	0.0171	0.1553	0.1305	9.3000e-004		0.0118	0.0118		0.0118	0.0118	0.0000	169.0823	169.0823	3.2400e-003	3.1000e-003	170.0871
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0190**	**0.1727**	**0.1451**	**1.0300e-003**		**0.0131**	**0.0131**		**0.0131**	**0.0131**	**0.0000**	**188.0174**	**188.0174**	**3.6000e-003**	**3.4500e-003**	**189.1347**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	354830	1.9100e-003	0.0174	0.0146	1.0000e-004		1.3200e-003	1.3200e-003		1.3200e-003	1.3200e-003	0.0000	18.9351	18.9351	3.6000e-004	3.5000e-004	19.0476
Industrial Park	3.16848e+006	0.0171	0.1553	0.1305	9.3000e-004		0.0118	0.0118		0.0118	0.0118	0.0000	169.0823	169.0823	3.2400e-003	3.1000e-003	170.0871
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0190**	**0.1727**	**0.1451**	**1.0300e-003**		**0.0131**	**0.0131**		**0.0131**	**0.0131**	**0.0000**	**188.0174**	**188.0174**	**3.6000e-003**	**3.4500e-003**	**189.1347**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	223089	20.8748	2.9300e-003	6.1000e-004	21.1291
Industrial Park	1.99209e+006	186.4030	0.0262	5.4200e-003	188.6738
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	148506	13.8959	1.9500e-003	4.0000e-004	14.0652
Total		**221.1737**	**0.0311**	**6.4300e-003**	**223.8680**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	0	0.0000	0.0000	0.0000	0.0000
Industrial Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.8924	2.0000e-005	1.9400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.7800e-003	3.7800e-003	1.0000e-005	0.0000	4.0300e-003
Unmitigated	0.8924	2.0000e-005	1.9400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.7800e-003	3.7800e-003	1.0000e-005	0.0000	4.0300e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1048					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.7875					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.8000e-004	2.0000e-005	1.9400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.7800e-003	3.7800e-003	1.0000e-005	0.0000	4.0300e-003
Total	**0.8924**	**2.0000e-005**	**1.9400e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**3.7800e-003**	**3.7800e-003**	**1.0000e-005**	**0.0000**	**4.0300e-003**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1048					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.7875					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.8000e-004	2.0000e-005	1.9400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.7800e-003	3.7800e-003	1.0000e-005	0.0000	4.0300e-003
Total	**0.8924**	**2.0000e-005**	**1.9400e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**3.7800e-003**	**3.7800e-003**	**1.0000e-005**	**0.0000**	**4.0300e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	29.0926	0.0429	0.0261	37.9382
Unmitigated	36.2735	0.0536	0.0326	47.3295

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	3.29341 / 0	2.8327	4.2400e-003	2.5800e-003	3.7084
Industrial Park	38.2626 / 1.61977	33.4408	0.0494	0.0300	43.6211
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**36.2735**	**0.0536**	**0.0326**	**47.3295**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	2.63473 / 0	2.2662	3.4000e-003	2.0700e-003	2.9667
Industrial Park	30.6101 / 1.52097	26.8264	0.0395	0.0240	34.9715
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**29.0926**	**0.0429**	**0.0261**	**37.9382**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	45.1452	2.6680	0.0000	111.8453
Unmitigated	45.1452	2.6680	0.0000	111.8453

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	17.23	3.4975	0.2067	0.0000	8.6650
Industrial Park	205.17	41.6477	2.4613	0.0000	103.1803
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**45.1452**	**2.6680**	**0.0000**	**111.8453**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	17.23	3.4975	0.2067	0.0000	8.6650
Industrial Park	205.17	41.6477	2.4613	0.0000	103.1803
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**45.1452**	**2.6680**	**0.0000**	**111.8453**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

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Contra Costa County, Mitigation Report

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00	100.00	100.00	100.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	20.00	19.66	19.80	19.97	19.97	19.84
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.08	0.29		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			

No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	100.00
No	Use Low VOC Paint (Residential Exterior)	150.00
No	Use Low VOC Paint (Non-residential Interior)	100.00
No	Use Low VOC Paint (Non-residential Exterior)	150.00
No	Use Low VOC Paint (Parking)	150.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24	0.00	
No	Install High Efficiency Lighting	0.00	
Yes	On-site Renewable		100.00

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy	0.00	0.00
No	Use Reclaimed Water	0.00	0.00
No	Use Grey Water	0.00	
Yes	Install low-flow bathroom faucet	32.00	
Yes	Install low-flow Kitchen faucet	18.00	
Yes	Install low-flow Toilet	20.00	
Yes	Install low-flow Shower	20.00	
No	Turf Reduction	0.00	
Yes	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape	0.00	0.00

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services Percent Reduction in Waste Disposed	

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Contra Costa County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	18.53	1000sqft	0.43	18,529.00	0
Industrial Park	165.46	1000sqft	3.80	165,456.00	0
Other Asphalt Surfaces	14.73	Acre	14.73	641,537.00	0
Other Non-Asphalt Surfaces	3.19	Acre	3.19	0.00	0
Parking Lot	9.74	Acre	9.74	424,302.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	5			**Operational Year**	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	206.29	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See assumptions file.

Land Use - See assumptions file.

Construction Phase -

Vehicle Trips - See assumptions file.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Area Coating - See assumptions file.

Energy Use - See assumptions file.

Water And Wastewater - See assumptions file.

Solid Waste -

Energy Mitigation -

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	63950	25458
tblEnergyUse	T24E	4.10	3.66
tblEnergyUse	T24E	4.10	3.66
tblEnergyUse	T24NG	18.32	18.14
tblEnergyUse	T24NG	18.32	18.14
tblFleetMix	HHD	0.03	0.00
tblFleetMix	LDA	0.60	0.99
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	4.9330e-003	0.00
tblFleetMix	MCY	5.2540e-003	8.7190e-003
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MH	7.4600e-004	0.00

tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	1.6430e-003	0.00
tblFleetMix	SBUS	2.7040e-003	0.00
tblFleetMix	UBUS	1.6530e-003	0.00
tblLandUse	LandUseSquareFeet	18,530.00	18,529.00
tblLandUse	LandUseSquareFeet	165,460.00	165,456.00
tblLandUse	LandUseSquareFeet	641,638.80	641,537.00
tblLandUse	LandUseSquareFeet	138,956.40	0.00
tblLandUse	LandUseSquareFeet	424,274.40	424,302.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	206.29
tblVehicleEF	HHD	0.40	0.02
tblVehicleEF	HHD	0.04	0.05
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	1.55	6.26
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tblVehicleEF	HHD	13.50	5.29
tblVehicleEF	HHD	1.84	2.65
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tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	6.1110e-003	0.02
tblVehicleEF	HHD	9.3000e-005	1.0000e-006

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tblVehicleEF	HHD	8.8130e-003	8.8700e-003
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tblVehicleEF	HHD	8.6000e-005	1.0000e-006
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tblVehicleEF	HHD	6.1110e-003	0.02
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tblVehicleEF	LDT1	0.11	0.22
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tblVehicleEF	LDT1	0.02	0.02
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tblVehicleEF	LDT1	2.8410e-003	2.0900e-003
tblVehicleEF	LDT1	1.8700e-003	1.4370e-003
tblVehicleEF	LDT1	2.6130e-003	1.9220e-003

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tblVehicleEF	LDT1	0.15	0.16
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.12	0.56
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tblVehicleEF	LDT1	0.23	0.19
tblVehicleEF	LDT1	0.15	0.16
tblVehicleEF	LDT1	0.02	0.02
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tblVehicleEF	LDT1	0.12	0.25
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tblVehicleEF	LDT1	0.79	0.77
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tblVehicleEF	LDT1	272.98	284.39
tblVehicleEF	LDT1	64.55	62.58
tblVehicleEF	LDT1	0.09	0.07
tblVehicleEF	LDT1	0.13	0.24
tblVehicleEF	LDT1	2.0320e-003	1.5610e-003
tblVehicleEF	LDT1	2.8410e-003	2.0900e-003
tblVehicleEF	LDT1	1.8700e-003	1.4370e-003
tblVehicleEF	LDT1	2.6130e-003	1.9220e-003
tblVehicleEF	LDT1	0.02	0.03

tblVehicleEF	LDT1	0.21	0.17
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.16	0.73
tblVehicleEF	LDT1	0.15	0.33
tblVehicleEF	LDT1	2.7380e-003	2.7300e-003
tblVehicleEF	LDT1	6.8800e-004	6.0100e-004
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.21	0.17
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.16	0.73
tblVehicleEF	LDT1	0.17	0.36
tblVehicleEF	LDT2	4.0660e-003	2.5820e-003
tblVehicleEF	LDT2	5.2330e-003	0.06
tblVehicleEF	LDT2	0.58	0.67
tblVehicleEF	LDT2	1.23	2.66
tblVehicleEF	LDT2	310.89	304.84
tblVehicleEF	LDT2	71.95	65.78
tblVehicleEF	LDT2	0.06	0.05
tblVehicleEF	LDT2	0.09	0.24
tblVehicleEF	LDT2	1.6890e-003	1.3170e-003
tblVehicleEF	LDT2	2.3480e-003	1.6750e-003
tblVehicleEF	LDT2	1.5530e-003	1.2120e-003
tblVehicleEF	LDT2	2.1590e-003	1.5400e-003
tblVehicleEF	LDT2	0.03	0.06
tblVehicleEF	LDT2	0.09	0.12

tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.42
tblVehicleEF	LDT2	0.07	0.27
tblVehicleEF	LDT2	3.1120e-003	2.9260e-003
tblVehicleEF	LDT2	7.4000e-004	6.3100e-004
tblVehicleEF	LDT2	0.03	0.06
tblVehicleEF	LDT2	0.09	0.12
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.42
tblVehicleEF	LDT2	0.08	0.30
tblVehicleEF	LDT2	4.6120e-003	2.9670e-003
tblVehicleEF	LDT2	4.2270e-003	0.05
tblVehicleEF	LDT2	0.71	0.81
tblVehicleEF	LDT2	0.95	2.03
tblVehicleEF	LDT2	339.29	326.49
tblVehicleEF	LDT2	71.95	64.58
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.07	0.21
tblVehicleEF	LDT2	1.6890e-003	1.3170e-003
tblVehicleEF	LDT2	2.3480e-003	1.6750e-003
tblVehicleEF	LDT2	1.5530e-003	1.2120e-003
tblVehicleEF	LDT2	2.1590e-003	1.5400e-003
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tblVehicleEF	LDT2	0.11	0.13
tblVehicleEF	LDT2	0.08	0.14

tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.39
tblVehicleEF	LDT2	0.06	0.22
tblVehicleEF	LDT2	3.3980e-003	3.1340e-003
tblVehicleEF	LDT2	7.3500e-004	6.2000e-004
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tblVehicleEF	LDT2	0.11	0.13
tblVehicleEF	LDT2	0.08	0.14
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.05	0.39
tblVehicleEF	LDT2	0.06	0.24
tblVehicleEF	LDT2	3.9420e-003	2.4730e-003
tblVehicleEF	LDT2	5.9720e-003	0.07
tblVehicleEF	LDT2	0.57	0.65
tblVehicleEF	LDT2	1.46	3.17
tblVehicleEF	LDT2	307.00	301.89
tblVehicleEF	LDT2	71.95	66.75
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.09	0.26
tblVehicleEF	LDT2	1.6890e-003	1.3170e-003
tblVehicleEF	LDT2	2.3480e-003	1.6750e-003
tblVehicleEF	LDT2	1.5530e-003	1.2120e-003
tblVehicleEF	LDT2	2.1590e-003	1.5400e-003
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	9.7800e-003	9.7080e-003

tblVehicleEF	LDT2	0.07	0.51
tblVehicleEF	LDT2	0.08	0.31
tblVehicleEF	LDT2	3.0730e-003	2.8980e-003
tblVehicleEF	LDT2	7.4400e-004	6.4100e-004
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.51
tblVehicleEF	LDT2	0.09	0.34
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tblVehicleEF	LHD1	0.01	7.8330e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	0.93	0.72
tblVehicleEF	LHD1	2.17	0.97
tblVehicleEF	LHD1	9.14	9.02
tblVehicleEF	LHD1	674.80	764.24
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tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	1.28	0.85
tblVehicleEF	LHD1	0.90	0.29
tblVehicleEF	LHD1	9.3600e-004	9.3500e-004
tblVehicleEF	LHD1	0.01	9.9160e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	8.1200e-004	2.2400e-004
tblVehicleEF	LHD1	2.5620e-003	2.4790e-003

tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	7.4700e-004	2.0600e-004
tblVehicleEF	LHD1	2.2070e-003	1.7030e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.2810e-003	9.8600e-004
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tblVehicleEF	LHD1	0.31	0.51
tblVehicleEF	LHD1	0.22	0.06
tblVehicleEF	LHD1	9.1000e-005	8.7000e-005
tblVehicleEF	LHD1	6.6090e-003	7.4500e-003
tblVehicleEF	LHD1	3.3400e-004	1.0600e-004
tblVehicleEF	LHD1	2.2070e-003	1.7030e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.2810e-003	9.8600e-004
tblVehicleEF	LHD1	0.15	0.12
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tblVehicleEF	LHD1	4.7260e-003	4.6600e-003
tblVehicleEF	LHD1	0.01	8.0030e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	0.95	0.74
tblVehicleEF	LHD1	1.99	0.89
tblVehicleEF	LHD1	9.14	9.02
tblVehicleEF	LHD1	674.80	764.26

tblVehicleEF	LHD1	29.28	10.53
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	1.22	0.81
tblVehicleEF	LHD1	0.83	0.27
tblVehicleEF	LHD1	9.3600e-004	9.3500e-004
tblVehicleEF	LHD1	0.01	9.9160e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	8.1200e-004	2.2400e-004
tblVehicleEF	LHD1	2.5620e-003	2.4790e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	7.4700e-004	2.0600e-004
tblVehicleEF	LHD1	5.5640e-003	4.3130e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.9030e-003	2.2510e-003
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tblVehicleEF	LHD1	0.30	0.49
tblVehicleEF	LHD1	0.20	0.06
tblVehicleEF	LHD1	9.1000e-005	8.7000e-005
tblVehicleEF	LHD1	6.6090e-003	7.4500e-003
tblVehicleEF	LHD1	3.3000e-004	1.0400e-004
tblVehicleEF	LHD1	5.5640e-003	4.3130e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	2.9030e-003	2.2510e-003
tblVehicleEF	LHD1	0.15	0.12
tblVehicleEF	LHD1	0.30	0.49

tblVehicleEF	LHD1	0.22	0.07
tblVehicleEF	LHD1	4.7260e-003	4.6320e-003
tblVehicleEF	LHD1	0.01	7.6970e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	0.92	0.71
tblVehicleEF	LHD1	2.35	1.04
tblVehicleEF	LHD1	9.14	9.02
tblVehicleEF	LHD1	674.80	764.22
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tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	1.30	0.86
tblVehicleEF	LHD1	0.96	0.31
tblVehicleEF	LHD1	9.3600e-004	9.3500e-004
tblVehicleEF	LHD1	0.01	9.9160e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	8.1200e-004	2.2400e-004
tblVehicleEF	LHD1	2.5620e-003	2.4790e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	7.4700e-004	2.0600e-004
tblVehicleEF	LHD1	8.0200e-004	6.1100e-004
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	5.8000e-004	4.4100e-004
tblVehicleEF	LHD1	0.12	0.10
tblVehicleEF	LHD1	0.34	0.56
tblVehicleEF	LHD1	0.23	0.07

tblVehicleEF	LHD1	9.1000e-005	8.7000e-005
tblVehicleEF	LHD1	6.6080e-003	7.4500e-003
tblVehicleEF	LHD1	3.3700e-004	1.0700e-004
tblVehicleEF	LHD1	8.0200e-004	6.1100e-004
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	5.8000e-004	4.4100e-004
tblVehicleEF	LHD1	0.15	0.12
tblVehicleEF	LHD1	0.34	0.56
tblVehicleEF	LHD1	0.25	0.07
tblVehicleEF	LHD2	2.9550e-003	2.8090e-003
tblVehicleEF	LHD2	6.6120e-003	6.5690e-003
tblVehicleEF	LHD2	5.0900e-003	6.7610e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.53	0.61
tblVehicleEF	LHD2	0.98	0.53
tblVehicleEF	LHD2	14.09	14.16
tblVehicleEF	LHD2	694.99	742.13
tblVehicleEF	LHD2	22.29	6.88
tblVehicleEF	LHD2	0.10	0.10
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tblVehicleEF	LHD2	1.2210e-003	1.4850e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.5900e-004	1.0800e-004
tblVehicleEF	LHD2	1.1680e-003	1.4200e-003

tblVehicleEF	LHD2	2.7070e-003	2.7120e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.3000e-004	9.9000e-005
tblVehicleEF	LHD2	5.9500e-004	7.5900e-004
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.7500e-004	4.6000e-004
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tblVehicleEF	LHD2	0.05	0.20
tblVehicleEF	LHD2	0.07	0.03
tblVehicleEF	LHD2	1.3700e-004	1.3500e-004
tblVehicleEF	LHD2	6.7520e-003	7.1570e-003
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tblVehicleEF	LHD2	5.9500e-004	7.5900e-004
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.7500e-004	4.6000e-004
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.05	0.20
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	2.9550e-003	2.8170e-003
tblVehicleEF	LHD2	6.6880e-003	6.6320e-003
tblVehicleEF	LHD2	4.8060e-003	6.3410e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.54	0.61
tblVehicleEF	LHD2	0.90	0.49
tblVehicleEF	LHD2	14.09	14.16

tblVehicleEF	LHD2	694.99	742.13
tblVehicleEF	LHD2	22.29	6.81
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tblVehicleEF	LHD2	0.35	0.15
tblVehicleEF	LHD2	1.2210e-003	1.4850e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.5900e-004	1.0800e-004
tblVehicleEF	LHD2	1.1680e-003	1.4200e-003
tblVehicleEF	LHD2	2.7070e-003	2.7120e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.3000e-004	9.9000e-005
tblVehicleEF	LHD2	1.4880e-003	1.9120e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	8.4900e-004	1.0480e-003
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	0.05	0.19
tblVehicleEF	LHD2	0.06	0.03
tblVehicleEF	LHD2	1.3700e-004	1.3500e-004
tblVehicleEF	LHD2	6.7520e-003	7.1570e-003
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tblVehicleEF	LHD2	1.4880e-003	1.9120e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	8.4900e-004	1.0480e-003

tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.05	0.19
tblVehicleEF	LHD2	0.07	0.03
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tblVehicleEF	LHD2	6.5510e-003	6.5190e-003
tblVehicleEF	LHD2	5.3330e-003	7.1170e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.53	0.61
tblVehicleEF	LHD2	1.05	0.57
tblVehicleEF	LHD2	14.09	14.16
tblVehicleEF	LHD2	694.99	742.12
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tblVehicleEF	LHD2	0.10	0.10
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tblVehicleEF	LHD2	0.39	0.17
tblVehicleEF	LHD2	1.2210e-003	1.4850e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.5900e-004	1.0800e-004
tblVehicleEF	LHD2	1.1680e-003	1.4200e-003
tblVehicleEF	LHD2	2.7070e-003	2.7120e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.3000e-004	9.9000e-005
tblVehicleEF	LHD2	2.3500e-004	2.8900e-004
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	1.7300e-004	2.1100e-004

tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	0.05	0.22
tblVehicleEF	LHD2	0.07	0.04
tblVehicleEF	LHD2	1.3700e-004	1.3500e-004
tblVehicleEF	LHD2	6.7520e-003	7.1560e-003
tblVehicleEF	LHD2	2.4100e-004	6.9000e-005
tblVehicleEF	LHD2	2.3500e-004	2.8900e-004
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.7300e-004	2.1100e-004
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.05	0.22
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	MCY	0.46	0.33
tblVehicleEF	MCY	0.16	0.26
tblVehicleEF	MCY	19.39	19.68
tblVehicleEF	MCY	10.25	9.10
tblVehicleEF	MCY	173.87	213.27
tblVehicleEF	MCY	45.18	61.41
tblVehicleEF	MCY	1.16	1.16
tblVehicleEF	MCY	0.32	0.27
tblVehicleEF	MCY	2.1180e-003	2.0620e-003
tblVehicleEF	MCY	3.6410e-003	2.9910e-003
tblVehicleEF	MCY	1.9790e-003	1.9270e-003
tblVehicleEF	MCY	3.4250e-003	2.8130e-003
tblVehicleEF	MCY	0.87	0.89
tblVehicleEF	MCY	0.72	0.73

tblVehicleEF	MCY	0.54	0.56
tblVehicleEF	MCY	2.25	2.27
tblVehicleEF	MCY	0.57	1.99
tblVehicleEF	MCY	2.22	1.97
tblVehicleEF	MCY	2.1220e-003	2.1100e-003
tblVehicleEF	MCY	6.8500e-004	6.0800e-004
tblVehicleEF	MCY	0.87	0.89
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	0.54	0.56
tblVehicleEF	MCY	2.79	2.81
tblVehicleEF	MCY	0.57	1.99
tblVehicleEF	MCY	2.41	2.14
tblVehicleEF	MCY	0.44	0.33
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	18.70	18.97
tblVehicleEF	MCY	8.87	7.82
tblVehicleEF	MCY	173.87	211.82
tblVehicleEF	MCY	45.18	58.16
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	2.1180e-003	2.0620e-003
tblVehicleEF	MCY	3.6410e-003	2.9910e-003
tblVehicleEF	MCY	1.9790e-003	1.9270e-003
tblVehicleEF	MCY	3.4250e-003	2.8130e-003
tblVehicleEF	MCY	2.57	2.61
tblVehicleEF	MCY	1.04	1.07
tblVehicleEF	MCY	1.68	1.69

tblVehicleEF	MCY	2.17	2.18
tblVehicleEF	MCY	0.54	1.88
tblVehicleEF	MCY	1.82	1.60
tblVehicleEF	MCY	2.1080e-003	2.0960e-003
tblVehicleEF	MCY	6.5000e-004	5.7600e-004
tblVehicleEF	MCY	2.57	2.61
tblVehicleEF	MCY	1.04	1.07
tblVehicleEF	MCY	1.68	1.69
tblVehicleEF	MCY	2.69	2.70
tblVehicleEF	MCY	0.54	1.88
tblVehicleEF	MCY	1.98	1.74
tblVehicleEF	MCY	0.48	0.35
tblVehicleEF	MCY	0.19	0.30
tblVehicleEF	MCY	21.11	21.45
tblVehicleEF	MCY	11.82	10.57
tblVehicleEF	MCY	173.87	216.44
tblVehicleEF	MCY	45.18	64.93
tblVehicleEF	MCY	1.25	1.25
tblVehicleEF	MCY	0.35	0.29
tblVehicleEF	MCY	2.1180e-003	2.0620e-003
tblVehicleEF	MCY	3.6410e-003	2.9910e-003
tblVehicleEF	MCY	1.9790e-003	1.9270e-003
tblVehicleEF	MCY	3.4250e-003	2.8130e-003
tblVehicleEF	MCY	0.17	0.17
tblVehicleEF	MCY	0.83	0.84
tblVehicleEF	MCY	0.16	0.17
tblVehicleEF	MCY	2.35	2.37

tblVehicleEF	MCY	0.67	2.36
tblVehicleEF	MCY	2.60	2.32
tblVehicleEF	MCY	2.1520e-003	2.1420e-003
tblVehicleEF	MCY	7.2200e-004	6.4300e-004
tblVehicleEF	MCY	0.17	0.17
tblVehicleEF	MCY	0.83	0.84
tblVehicleEF	MCY	0.16	0.17
tblVehicleEF	MCY	2.92	2.93
tblVehicleEF	MCY	0.67	2.36
tblVehicleEF	MCY	2.83	2.53
tblVehicleEF	MDV	7.8070e-003	3.3980e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	0.90	0.76
tblVehicleEF	MDV	2.48	2.96
tblVehicleEF	MDV	427.63	376.80
tblVehicleEF	MDV	98.24	80.51
tblVehicleEF	MDV	0.11	0.07
tblVehicleEF	MDV	0.22	0.30
tblVehicleEF	MDV	1.7360e-003	1.4060e-003
tblVehicleEF	MDV	2.3850e-003	1.7420e-003
tblVehicleEF	MDV	1.5990e-003	1.2970e-003
tblVehicleEF	MDV	2.1930e-003	1.6010e-003
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.17	0.14
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.10	0.47

tblVehicleEF	MDV	0.18	0.34
tblVehicleEF	MDV	4.2800e-003	3.6160e-003
tblVehicleEF	MDV	1.0260e-003	7.7300e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.17	0.14
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.10	0.47
tblVehicleEF	MDV	0.20	0.38
tblVehicleEF	MDV	8.8420e-003	3.9020e-003
tblVehicleEF	MDV	0.01	0.06
tblVehicleEF	MDV	1.09	0.92
tblVehicleEF	MDV	1.91	2.25
tblVehicleEF	MDV	465.57	399.24
tblVehicleEF	MDV	98.24	79.13
tblVehicleEF	MDV	0.10	0.06
tblVehicleEF	MDV	0.19	0.26
tblVehicleEF	MDV	1.7360e-003	1.4060e-003
tblVehicleEF	MDV	2.3850e-003	1.7420e-003
tblVehicleEF	MDV	1.5990e-003	1.2970e-003
tblVehicleEF	MDV	2.1930e-003	1.6010e-003
tblVehicleEF	MDV	0.15	0.18
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.14	0.17
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.09	0.44
tblVehicleEF	MDV	0.15	0.28

tblVehicleEF	MDV	4.6610e-003	3.8310e-003
tblVehicleEF	MDV	1.0150e-003	7.6000e-004
tblVehicleEF	MDV	0.15	0.18
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.14	0.17
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.09	0.44
tblVehicleEF	MDV	0.16	0.31
tblVehicleEF	MDV	7.5790e-003	3.2600e-003
tblVehicleEF	MDV	0.02	0.08
tblVehicleEF	MDV	0.88	0.75
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tblVehicleEF	MDV	98.24	81.61
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	0.24	0.33
tblVehicleEF	MDV	1.7360e-003	1.4060e-003
tblVehicleEF	MDV	2.3850e-003	1.7420e-003
tblVehicleEF	MDV	1.5990e-003	1.2970e-003
tblVehicleEF	MDV	2.1930e-003	1.6010e-003
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.12	0.57
tblVehicleEF	MDV	0.21	0.39
tblVehicleEF	MDV	4.2270e-003	3.5860e-003

tblVehicleEF	MDV	1.0340e-003	7.8300e-004
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tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.03	0.02
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tblVehicleEF	MH	0.02	5.1800e-003
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tblVehicleEF	MH	4.77	0.00
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tblVehicleEF	MH	0.03	0.10
tblVehicleEF	MH	9.5600e-004	0.00
tblVehicleEF	MH	3.2280e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.09
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tblVehicleEF	MH	0.65	0.00
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	0.26	0.00
tblVehicleEF	MH	0.07	0.11
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00

tblVehicleEF	MH	0.01	9.4270e-003
tblVehicleEF	MH	6.6100e-004	0.00
tblVehicleEF	MH	0.65	0.00
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	0.26	0.00
tblVehicleEF	MH	0.10	0.13
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.31	0.00
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tblVehicleEF	MH	0.02	0.00
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tblVehicleEF	MH	1.19	4.03
tblVehicleEF	MH	0.70	0.00
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tblVehicleEF	MH	9.5600e-004	0.00
tblVehicleEF	MH	3.2280e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.09
tblVehicleEF	MH	8.7900e-004	0.00
tblVehicleEF	MH	1.64	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.60	0.00
tblVehicleEF	MH	0.07	0.11
tblVehicleEF	MH	0.02	0.00

tblVehicleEF	MH	0.26	0.00
tblVehicleEF	MH	0.01	9.4270e-003
tblVehicleEF	MH	6.5200e-004	0.00
tblVehicleEF	MH	1.64	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.60	0.00
tblVehicleEF	MH	0.10	0.13
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.29	0.00
tblVehicleEF	MH	0.02	5.1800e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.28	0.40
tblVehicleEF	MH	5.19	0.00
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tblVehicleEF	MH	0.03	0.10
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tblVehicleEF	MH	0.02	0.09
tblVehicleEF	MH	8.7900e-004	0.00
tblVehicleEF	MH	0.23	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.12	0.00
tblVehicleEF	MH	0.07	0.11

tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.30	0.00
tblVehicleEF	MH	0.01	9.4270e-003
tblVehicleEF	MH	6.6800e-004	0.00
tblVehicleEF	MH	0.23	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.12	0.00
tblVehicleEF	MH	0.09	0.13
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tblVehicleEF	MHD	3.2100e-003	7.2330e-003
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tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	4.4600e-004	2.2100e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.11
tblVehicleEF	MHD	0.30	0.05
tblVehicleEF	MHD	1.2930e-003	7.8500e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.9000e-004	9.8000e-005
tblVehicleEF	MHD	7.4700e-004	3.7500e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	4.4600e-004	2.2100e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.02	0.11
tblVehicleEF	MHD	0.33	0.06
tblVehicleEF	MHD	0.01	3.7710e-003
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tblVehicleEF	MHD	0.04	9.2940e-003
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tblVehicleEF	MHD	1.0400e-004	3.5300e-004
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tblVehicleEF	MHD	8.6800e-004	1.2500e-004
tblVehicleEF	MHD	1.0000e-004	3.3800e-004
tblVehicleEF	MHD	3.0640e-003	6.9120e-003
tblVehicleEF	MHD	7.9800e-004	1.1500e-004
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tblVehicleEF	MHD	0.02	0.10
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tblVehicleEF	MHD	0.01	0.01
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tblVehicleEF	MHD	1.0620e-003	5.3100e-004
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tblVehicleEF	MHD	1.5000e-004	4.9900e-004
tblVehicleEF	MHD	3.2100e-003	7.2330e-003
tblVehicleEF	MHD	8.6800e-004	1.2500e-004
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tblVehicleEF	MHD	3.0640e-003	6.9120e-003
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tblVehicleEF	MHD	2.6800e-004	1.3200e-004
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tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.9400e-004	9.5000e-005
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.12
tblVehicleEF	MHD	0.32	0.05
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tblVehicleEF	MHD	6.9700e-004	9.9000e-005

tblVehicleEF	MHD	2.6800e-004	1.3200e-004
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tblVehicleEF	MHD	0.04	0.03
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tblVehicleEF	OBUS	1.3000e-005	8.3000e-005
tblVehicleEF	OBUS	2.4400e-003	6.0960e-003
tblVehicleEF	OBUS	8.8700e-004	2.1200e-004
tblVehicleEF	OBUS	1.2000e-005	7.9000e-005
tblVehicleEF	OBUS	2.3080e-003	5.8080e-003
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tblVehicleEF	OBUS	1.1280e-003	1.6800e-003
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tblVehicleEF	OBUS	1.1280e-003	1.6800e-003
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tblVehicleEF	OBUS	2.4400e-003	6.0960e-003
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tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	2.6600e-004	3.9100e-004
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.04	0.33
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tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8700e-004	2.1300e-004
tblVehicleEF	OBUS	4.9500e-004	7.2800e-004
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06

tblVehicleEF	OBUS	2.6600e-004	3.9100e-004
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tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	1.9000e-004	1.7000e-005
tblVehicleEF	SBUS	9.8550e-003	1.3190e-003
tblVehicleEF	SBUS	2.9270e-003	2.8990e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	1.7500e-004	1.5000e-005
tblVehicleEF	SBUS	4.5300e-004	8.9000e-005
tblVehicleEF	SBUS	4.4210e-003	8.4100e-004
tblVehicleEF	SBUS	0.25	0.09

tblVehicleEF	SBUS	2.2600e-004	4.3000e-005
tblVehicleEF	SBUS	0.11	0.04
tblVehicleEF	SBUS	1.9380e-003	5.5350e-003
tblVehicleEF	SBUS	0.07	7.4670e-003
tblVehicleEF	SBUS	0.01	2.7850e-003
tblVehicleEF	SBUS	0.01	9.2040e-003
tblVehicleEF	SBUS	1.3400e-004	1.1000e-005
tblVehicleEF	SBUS	4.5300e-004	8.9000e-005
tblVehicleEF	SBUS	4.4210e-003	8.4100e-004
tblVehicleEF	SBUS	0.35	0.12
tblVehicleEF	SBUS	2.2600e-004	4.3000e-005
tblVehicleEF	SBUS	0.12	0.05
tblVehicleEF	SBUS	1.9380e-003	5.5350e-003
tblVehicleEF	SBUS	0.08	8.1750e-003
tblVehicleEF	SBUS	0.86	0.02
tblVehicleEF	SBUS	5.8990e-003	2.4490e-003
tblVehicleEF	SBUS	0.05	1.0890e-003
tblVehicleEF	SBUS	1.97	1.27
tblVehicleEF	SBUS	0.40	0.21
tblVehicleEF	SBUS	0.94	0.13
tblVehicleEF	SBUS	1,510.74	295.80
tblVehicleEF	SBUS	1,234.77	970.44
tblVehicleEF	SBUS	11.02	1.01
tblVehicleEF	SBUS	12.67	2.12
tblVehicleEF	SBUS	4.19	2.48
tblVehicleEF	SBUS	19.07	1.60
tblVehicleEF	SBUS	8.6840e-003	1.1750e-003

tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	1.9000e-004	1.7000e-005
tblVehicleEF	SBUS	8.3080e-003	1.1240e-003
tblVehicleEF	SBUS	2.9270e-003	2.8990e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	1.7500e-004	1.5000e-005
tblVehicleEF	SBUS	1.1150e-003	2.2500e-004
tblVehicleEF	SBUS	4.6440e-003	9.0000e-004
tblVehicleEF	SBUS	0.25	0.09
tblVehicleEF	SBUS	5.2400e-004	1.0500e-004
tblVehicleEF	SBUS	0.11	0.04
tblVehicleEF	SBUS	1.6590e-003	4.7040e-003
tblVehicleEF	SBUS	0.06	6.0480e-003
tblVehicleEF	SBUS	0.01	2.8010e-003
tblVehicleEF	SBUS	0.01	9.2040e-003
tblVehicleEF	SBUS	1.2700e-004	1.0000e-005
tblVehicleEF	SBUS	1.1150e-003	2.2500e-004
tblVehicleEF	SBUS	4.6440e-003	9.0000e-004
tblVehicleEF	SBUS	0.34	0.12
tblVehicleEF	SBUS	5.2400e-004	1.0500e-004
tblVehicleEF	SBUS	0.12	0.05
tblVehicleEF	SBUS	1.6590e-003	4.7040e-003
tblVehicleEF	SBUS	0.06	6.6210e-003
tblVehicleEF	SBUS	0.86	0.02
tblVehicleEF	SBUS	5.8310e-003	2.4040e-003
tblVehicleEF	SBUS	0.06	1.5250e-003

tblVehicleEF	SBUS	2.35	1.33
tblVehicleEF	SBUS	0.39	0.20
tblVehicleEF	SBUS	1.71	0.24
tblVehicleEF	SBUS	1,316.27	291.82
tblVehicleEF	SBUS	1,234.77	970.44
tblVehicleEF	SBUS	11.02	1.19
tblVehicleEF	SBUS	11.73	2.15
tblVehicleEF	SBUS	4.42	2.62
tblVehicleEF	SBUS	19.09	1.61
tblVehicleEF	SBUS	0.01	1.6600e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	1.9000e-004	1.7000e-005
tblVehicleEF	SBUS	0.01	1.5890e-003
tblVehicleEF	SBUS	2.9270e-003	2.8990e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	1.7500e-004	1.5000e-005
tblVehicleEF	SBUS	1.9900e-004	3.6000e-005
tblVehicleEF	SBUS	4.4770e-003	8.5600e-004
tblVehicleEF	SBUS	0.26	0.09
tblVehicleEF	SBUS	1.0800e-004	1.9000e-005
tblVehicleEF	SBUS	0.11	0.04
tblVehicleEF	SBUS	2.4890e-003	7.1640e-003
tblVehicleEF	SBUS	0.08	8.4880e-003
tblVehicleEF	SBUS	0.01	2.7640e-003
tblVehicleEF	SBUS	0.01	9.2040e-003
tblVehicleEF	SBUS	1.3900e-004	1.2000e-005

tblVehicleEF	SBUS	1.9900e-004	3.6000e-005
tblVehicleEF	SBUS	4.4770e-003	8.5600e-004
tblVehicleEF	SBUS	0.35	0.12
tblVehicleEF	SBUS	1.0800e-004	1.9000e-005
tblVehicleEF	SBUS	0.12	0.05
tblVehicleEF	SBUS	2.4890e-003	7.1640e-003
tblVehicleEF	SBUS	0.09	9.2940e-003
tblVehicleEF	UBUS	0.24	0.05
tblVehicleEF	UBUS	0.07	1.4020e-003
tblVehicleEF	UBUS	3.67	0.10
tblVehicleEF	UBUS	11.64	0.22
tblVehicleEF	UBUS	1,928.48	1,221.54
tblVehicleEF	UBUS	154.02	2.71
tblVehicleEF	UBUS	4.60	0.56
tblVehicleEF	UBUS	12.00	0.02
tblVehicleEF	UBUS	0.48	0.06
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.08	4.3280e-003
tblVehicleEF	UBUS	1.3740e-003	4.6000e-005
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	5.8070e-003
tblVehicleEF	UBUS	0.08	4.1330e-003
tblVehicleEF	UBUS	1.2640e-003	4.3000e-005
tblVehicleEF	UBUS	5.0560e-003	3.1500e-004
tblVehicleEF	UBUS	0.09	9.9700e-004
tblVehicleEF	UBUS	2.8400e-003	6.6000e-005
tblVehicleEF	UBUS	0.33	1.3010e-003

tblVehicleEF	UBUS	0.02	2.9750e-003
tblVehicleEF	UBUS	0.99	4.7780e-003
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	1.7530e-003	2.7000e-005
tblVehicleEF	UBUS	5.0560e-003	3.1500e-004
tblVehicleEF	UBUS	0.09	9.9700e-004
tblVehicleEF	UBUS	2.8400e-003	6.6000e-005
tblVehicleEF	UBUS	0.60	0.05
tblVehicleEF	UBUS	0.02	2.9750e-003
tblVehicleEF	UBUS	1.08	5.2320e-003
tblVehicleEF	UBUS	0.24	0.05
tblVehicleEF	UBUS	0.06	1.2360e-003
tblVehicleEF	UBUS	3.73	0.10
tblVehicleEF	UBUS	9.09	0.18
tblVehicleEF	UBUS	1,928.48	1,221.54
tblVehicleEF	UBUS	154.02	2.65
tblVehicleEF	UBUS	4.39	0.56
tblVehicleEF	UBUS	11.87	0.02
tblVehicleEF	UBUS	0.48	0.06
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.08	4.3280e-003
tblVehicleEF	UBUS	1.3740e-003	4.6000e-005
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	5.8070e-003
tblVehicleEF	UBUS	0.08	4.1330e-003
tblVehicleEF	UBUS	1.2640e-003	4.3000e-005
tblVehicleEF	UBUS	0.01	9.1300e-004

tblVehicleEF	UBUS	0.11	1.4140e-003
tblVehicleEF	UBUS	6.4730e-003	2.0000e-004
tblVehicleEF	UBUS	0.34	1.3200e-003
tblVehicleEF	UBUS	0.02	2.8000e-003
tblVehicleEF	UBUS	0.85	4.2120e-003
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	1.7080e-003	2.6000e-005
tblVehicleEF	UBUS	0.01	9.1300e-004
tblVehicleEF	UBUS	0.11	1.4140e-003
tblVehicleEF	UBUS	6.4730e-003	2.0000e-004
tblVehicleEF	UBUS	0.61	0.05
tblVehicleEF	UBUS	0.02	2.8000e-003
tblVehicleEF	UBUS	0.94	4.6110e-003
tblVehicleEF	UBUS	0.24	0.05
tblVehicleEF	UBUS	0.08	1.5270e-003
tblVehicleEF	UBUS	3.63	0.10
tblVehicleEF	UBUS	13.94	0.26
tblVehicleEF	UBUS	1,928.48	1,221.54
tblVehicleEF	UBUS	154.02	2.77
tblVehicleEF	UBUS	4.69	0.56
tblVehicleEF	UBUS	12.12	0.02
tblVehicleEF	UBUS	0.48	0.06
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.08	4.3280e-003
tblVehicleEF	UBUS	1.3740e-003	4.6000e-005
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	5.8070e-003

tblVehicleEF	UBUS	0.08	4.1330e-003
tblVehicleEF	UBUS	1.2640e-003	4.3000e-005
tblVehicleEF	UBUS	1.9350e-003	8.0000e-005
tblVehicleEF	UBUS	0.10	1.0680e-003
tblVehicleEF	UBUS	1.3220e-003	2.1000e-005
tblVehicleEF	UBUS	0.33	1.2850e-003
tblVehicleEF	UBUS	0.03	3.4750e-003
tblVehicleEF	UBUS	1.10	5.2000e-003
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	1.7930e-003	2.7000e-005
tblVehicleEF	UBUS	1.9350e-003	8.0000e-005
tblVehicleEF	UBUS	0.10	1.0680e-003
tblVehicleEF	UBUS	1.3220e-003	2.1000e-005
tblVehicleEF	UBUS	0.59	0.05
tblVehicleEF	UBUS	0.03	3.4750e-003
tblVehicleEF	UBUS	1.21	5.6930e-003
tblVehicleTrips	CC_TTP	28.00	0.00
tblVehicleTrips	CNW_TTP	13.00	0.00
tblVehicleTrips	CW_TL	9.50	20.53
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PR_TP	79.00	100.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	2.49	6.49
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	0.73	6.49

tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	6.83	6.49
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	OutdoorWaterUseRate	2,018,539.38	0.00
tblWater	OutdoorWaterUseRate	0.00	1,619,771.39
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.8924	2.0000e-005	1.9400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.7800e-003	3.7800e-003	1.0000e-005	0.0000	4.0300e-003
Energy	0.0190	0.1727	0.1451	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	409.1911	409.1911	0.0347	9.8800e-003	413.0027
Mobile	0.4838	0.3998	6.7666	0.0204	2.9412	0.0121	2.9533	0.7814	0.0111	0.7926	0.0000	1,930.3758	1,930.3758	0.0535	0.0000	1,931.7125
Waste						0.0000	0.0000		0.0000	0.0000	45.1452	0.0000	45.1452	2.6680	0.0000	111.8453
Water						0.0000	0.0000		0.0000	0.0000	14.7026	21.5710	36.2735	0.0536	0.0326	47.3295
Total	**1.3952**	**0.5725**	**6.9137**	**0.0215**	**2.9412**	**0.0252**	**2.9664**	**0.7814**	**0.0243**	**0.8057**	**59.8478**	**2,361.1417**	**2,420.9894**	**2.8098**	**0.0425**	**2,503.8940**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.8924	2.0000e-005	1.9400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.7800e-003	3.7800e-003	1.0000e-005	0.0000	4.0300e-003
Energy	0.0190	0.1727	0.1451	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	188.0174	188.0174	3.6000e-003	3.4500e-003	189.1347
Mobile	0.4838	0.3998	6.7666	0.0204	2.9412	0.0121	2.9533	0.7814	0.0111	0.7926	0.0000	1,930.3758	1,930.3758	0.0535	0.0000	1,931.7125
Waste						0.0000	0.0000		0.0000	0.0000	45.1452	0.0000	45.1452	2.6680	0.0000	111.8453
Water						0.0000	0.0000		0.0000	0.0000	11.7621	17.3305	29.0926	0.0429	0.0261	37.9382
Total	**1.3952**	**0.5725**	**6.9137**	**0.0215**	**2.9412**	**0.0252**	**2.9664**	**0.7814**	**0.0243**	**0.8057**	**56.9073**	**2,135.7275**	**2,192.6347**	**2.7680**	**0.0295**	**2,270.6347**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**4.91**	**9.55**	**9.43**	**1.49**	**30.48**	**9.32**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.4838	0.3998	6.7666	0.0204	2.9412	0.0121	2.9533	0.7814	0.0111	0.7926	0.0000	1,930.3758	1,930.3758	0.0535	0.0000	1,931.7125
Unmitigated	0.4838	0.3998	6.7666	0.0204	2.9412	0.0121	2.9533	0.7814	0.0111	0.7926	0.0000	1,930.3758	1,930.3758	0.0535	0.0000	1,931.7125

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Industrial Park	1,074.03	1,074.03	1074.03	8,026,170	8,026,170
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	1,074.03	1,074.03	1,074.03	8,026,170	8,026,170

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Industrial Park	20.53	7.30	7.30	100.00	0.00	0.00	100	0	0
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.597341	0.036425	0.184736	0.114304	0.014288	0.004933	0.010771	0.025203	0.001643	0.001653	0.005254	0.002704	0.000746
Industrial Park	0.991281	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.008719	0.000000	0.000000
Other Asphalt Surfaces	0.597341	0.036425	0.184736	0.114304	0.014288	0.004933	0.010771	0.025203	0.001643	0.001653	0.005254	0.002704	0.000746
Other Non-Asphalt Surfaces	0.597341	0.036425	0.184736	0.114304	0.014288	0.004933	0.010771	0.025203	0.001643	0.001653	0.005254	0.002704	0.000746
Parking Lot	0.597341	0.036425	0.184736	0.114304	0.014288	0.004933	0.010771	0.025203	0.001643	0.001653	0.005254	0.002704	0.000746

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Percent of Electricity Use Generated with Renewable Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	221.1737	221.1737	0.0311	6.4300e-003	223.8680
NaturalGas Mitigated	0.0190	0.1727	0.1451	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	188.0174	188.0174	3.6000e-003	3.4500e-003	189.1347
NaturalGas Unmitigated	0.0190	0.1727	0.1451	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	188.0174	188.0174	3.6000e-003	3.4500e-003	189.1347

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	354830	1.9100e-003	0.0174	0.0146	1.0000e-004		1.3200e-003	1.3200e-003		1.3200e-003	1.3200e-003	0.0000	18.9351	18.9351	3.6000e-004	3.5000e-004	19.0476
Industrial Park	3.16848e+006	0.0171	0.1553	0.1305	9.3000e-004		0.0118	0.0118		0.0118	0.0118	0.0000	169.0823	169.0823	3.2400e-003	3.1000e-003	170.0871
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0190**	**0.1727**	**0.1451**	**1.0300e-003**		**0.0131**	**0.0131**		**0.0131**	**0.0131**	**0.0000**	**188.0174**	**188.0174**	**3.6000e-003**	**3.4500e-003**	**189.1347**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	354830	1.9100e-003	0.0174	0.0146	1.0000e-004		1.3200e-003	1.3200e-003		1.3200e-003	1.3200e-003	0.0000	18.9351	18.9351	3.6000e-004	3.5000e-004	19.0476
Industrial Park	3.16848e+006	0.0171	0.1553	0.1305	9.3000e-004		0.0118	0.0118		0.0118	0.0118	0.0000	169.0823	169.0823	3.2400e-003	3.1000e-003	170.0871
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0190**	**0.1727**	**0.1451**	**1.0300e-003**		**0.0131**	**0.0131**		**0.0131**	**0.0131**	**0.0000**	**188.0174**	**188.0174**	**3.6000e-003**	**3.4500e-003**	**189.1347**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	223089	20.8748	2.9300e-003	6.1000e-004	21.1291
Industrial Park	1.99209e+006	186.4030	0.0262	5.4200e-003	188.6738
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	148506	13.8959	1.9500e-003	4.0000e-004	14.0652
Total		**221.1737**	**0.0311**	**6.4300e-003**	**223.8680**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	0	0.0000	0.0000	0.0000	0.0000
Industrial Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.8924	2.0000e-005	1.9400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.7800e-003	3.7800e-003	1.0000e-005	0.0000	4.0300e-003
Unmitigated	0.8924	2.0000e-005	1.9400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.7800e-003	3.7800e-003	1.0000e-005	0.0000	4.0300e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1048					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.7875					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.8000e-004	2.0000e-005	1.9400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.7800e-003	3.7800e-003	1.0000e-005	0.0000	4.0300e-003
Total	**0.8924**	**2.0000e-005**	**1.9400e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**3.7800e-003**	**3.7800e-003**	**1.0000e-005**	**0.0000**	**4.0300e-003**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1048					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.7875					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.8000e-004	2.0000e-005	1.9400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.7800e-003	3.7800e-003	1.0000e-005	0.0000	4.0300e-003
Total	**0.8924**	**2.0000e-005**	**1.9400e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**3.7800e-003**	**3.7800e-003**	**1.0000e-005**	**0.0000**	**4.0300e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	29.0926	0.0429	0.0261	37.9382
Unmitigated	36.2735	0.0536	0.0326	47.3295

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	3.29341 / 0	2.8327	4.2400e-003	2.5800e-003	3.7084
Industrial Park	38.2626 / 1.61977	33.4408	0.0494	0.0300	43.6211
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**36.2735**	**0.0536**	**0.0326**	**47.3295**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	2.63473 / 0	2.2662	3.4000e-003	2.0700e-003	2.9667
Industrial Park	30.6101 / 1.52097	26.8264	0.0395	0.0240	34.9715
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**29.0926**	**0.0429**	**0.0261**	**37.9382**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	45.1452	2.6680	0.0000	111.8453
Unmitigated	45.1452	2.6680	0.0000	111.8453

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	17.23	3.4975	0.2067	0.0000	8.6650
Industrial Park	205.17	41.6477	2.4613	0.0000	103.1803
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**45.1452**	**2.6680**	**0.0000**	**111.8453**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	17.23	3.4975	0.2067	0.0000	8.6650
Industrial Park	205.17	41.6477	2.4613	0.0000	103.1803
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**45.1452**	**2.6680**	**0.0000**	**111.8453**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

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Contra Costa County, Mitigation Report

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00	100.00	100.00	100.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	20.00	19.66	19.80	19.97	19.97	19.84
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.08	0.29		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			

No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	100.00
No	Use Low VOC Paint (Residential Exterior)	150.00
No	Use Low VOC Paint (Non-residential Interior)	100.00
No	Use Low VOC Paint (Non-residential Exterior)	150.00
No	Use Low VOC Paint (Parking)	150.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24	0.00	
No	Install High Efficiency Lighting	0.00	
Yes	On-site Renewable		100.00

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy	0.00	0.00
No	Use Reclaimed Water	0.00	0.00
No	Use Grey Water	0.00	
Yes	Install low-flow bathroom faucet	32.00	
Yes	Install low-flow Kitchen faucet	18.00	
Yes	Install low-flow Toilet	20.00	
Yes	Install low-flow Shower	20.00	
No	Turf Reduction	0.00	
Yes	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape	0.00	0.00

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services Percent Reduction in Waste Disposed	

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Contra Costa County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	18.53	1000sqft	0.43	18,529.00	0
Industrial Park	165.46	1000sqft	3.80	165,456.00	0
Other Asphalt Surfaces	14.73	Acre	14.73	641,537.00	0
Other Non-Asphalt Surfaces	3.19	Acre	3.19	0.00	0
Parking Lot	9.74	Acre	9.74	424,302.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	5			**Operational Year**	2027
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	206.29	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See assumptions file.

Land Use - See assumptions file.

Construction Phase -

Vehicle Trips - See assumptions file.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Area Coating - See assumptions file.

Energy Use - See assumptions file.

Water And Wastewater - See assumptions file.

Solid Waste -

Energy Mitigation -

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	63950	25458
tblConstructionPhase	NumDays	30.00	50.00
tblEnergyUse	T24E	4.10	3.66
tblEnergyUse	T24E	4.10	3.66
tblEnergyUse	T24NG	18.32	18.14
tblEnergyUse	T24NG	18.32	18.14
tblFleetMix	HHD	0.03	0.00
tblFleetMix	LDA	0.60	0.99
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	4.8840e-003	0.00
tblFleetMix	MCY	5.1870e-003	8.5420e-003
tblFleetMix	MDV	0.11	0.00

tblFleetMix	MH	7.0500e-004	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	1.6530e-003	0.00
tblFleetMix	SBUS	2.6870e-003	0.00
tblFleetMix	UBUS	1.6000e-003	0.00
tblLandUse	LandUseSquareFeet	18,530.00	18,529.00
tblLandUse	LandUseSquareFeet	165,460.00	165,456.00
tblLandUse	LandUseSquareFeet	641,638.80	641,537.00
tblLandUse	LandUseSquareFeet	138,956.40	0.00
tblLandUse	LandUseSquareFeet	424,274.40	424,302.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	206.29
tblVehicleEF	HHD	0.37	0.02
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.06	0.00
tblVehicleEF	HHD	1.50	6.24
tblVehicleEF	HHD	0.85	0.40
tblVehicleEF	HHD	2.91	5.3430e-003
tblVehicleEF	HHD	4,177.76	979.82
tblVehicleEF	HHD	1,513.19	1,323.46
tblVehicleEF	HHD	8.98	0.04
tblVehicleEF	HHD	12.96	5.22
tblVehicleEF	HHD	1.72	2.59
tblVehicleEF	HHD	19.68	2.37
tblVehicleEF	HHD	5.3000e-003	2.3110e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.9160e-003	0.02

tblVehicleEF	HHD	9.6000e-005	1.0000e-006
tblVehicleEF	HHD	5.0710e-003	2.2110e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8170e-003	8.8740e-003
tblVehicleEF	HHD	5.6600e-003	0.02
tblVehicleEF	HHD	8.9000e-005	1.0000e-006
tblVehicleEF	HHD	7.1000e-005	1.0000e-006
tblVehicleEF	HHD	3.6060e-003	6.3000e-005
tblVehicleEF	HHD	0.39	0.42
tblVehicleEF	HHD	4.8000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	3.1300e-004	3.3200e-004
tblVehicleEF	HHD	0.06	2.0000e-006
tblVehicleEF	HHD	0.04	9.1200e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.3700e-004	0.00
tblVehicleEF	HHD	7.1000e-005	1.0000e-006
tblVehicleEF	HHD	3.6060e-003	6.3000e-005
tblVehicleEF	HHD	0.45	0.48
tblVehicleEF	HHD	4.8000e-005	1.0000e-006
tblVehicleEF	HHD	0.14	0.07
tblVehicleEF	HHD	3.1300e-004	3.3200e-004
tblVehicleEF	HHD	0.07	2.0000e-006
tblVehicleEF	HHD	0.35	0.03
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.06	0.00
tblVehicleEF	HHD	1.09	6.15

tblVehicleEF	HHD	0.86	0.40
tblVehicleEF	HHD	2.65	4.8660e-003
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tblVehicleEF	HHD	1,513.19	1,323.47
tblVehicleEF	HHD	8.98	0.04
tblVehicleEF	HHD	13.38	4.98
tblVehicleEF	HHD	1.66	2.50
tblVehicleEF	HHD	19.66	2.37
tblVehicleEF	HHD	4.4680e-003	2.0310e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.9160e-003	0.02
tblVehicleEF	HHD	9.6000e-005	1.0000e-006
tblVehicleEF	HHD	4.2750e-003	1.9430e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8170e-003	8.8740e-003
tblVehicleEF	HHD	5.6600e-003	0.02
tblVehicleEF	HHD	8.9000e-005	1.0000e-006
tblVehicleEF	HHD	1.8000e-004	4.0000e-006
tblVehicleEF	HHD	3.9880e-003	7.2000e-005
tblVehicleEF	HHD	0.37	0.44
tblVehicleEF	HHD	1.1200e-004	2.0000e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	3.0500e-004	3.2900e-004
tblVehicleEF	HHD	0.06	2.0000e-006
tblVehicleEF	HHD	0.04	9.0120e-003
tblVehicleEF	HHD	0.01	0.01

tblVehicleEF	HHD	1.3300e-004	0.00
tblVehicleEF	HHD	1.8000e-004	4.0000e-006
tblVehicleEF	HHD	3.9880e-003	7.2000e-005
tblVehicleEF	HHD	0.42	0.51
tblVehicleEF	HHD	1.1200e-004	2.0000e-006
tblVehicleEF	HHD	0.14	0.07
tblVehicleEF	HHD	3.0500e-004	3.2900e-004
tblVehicleEF	HHD	0.06	2.0000e-006
tblVehicleEF	HHD	0.40	0.02
tblVehicleEF	HHD	0.04	1.1220e-003
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	2.06	6.27
tblVehicleEF	HHD	0.85	0.25
tblVehicleEF	HHD	3.16	5.7960e-003
tblVehicleEF	HHD	3,835.00	981.04
tblVehicleEF	HHD	1,513.19	1,282.59
tblVehicleEF	HHD	8.98	0.04
tblVehicleEF	HHD	12.38	5.47
tblVehicleEF	HHD	1.75	2.62
tblVehicleEF	HHD	19.69	2.37
tblVehicleEF	HHD	6.4490e-003	2.6400e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.9160e-003	0.02
tblVehicleEF	HHD	9.6000e-005	1.0000e-006
tblVehicleEF	HHD	6.1700e-003	2.5250e-003
tblVehicleEF	HHD	0.03	0.03

tblVehicleEF	HHD	8.8170e-003	8.7520e-003
tblVehicleEF	HHD	5.6600e-003	0.02
tblVehicleEF	HHD	8.9000e-005	1.0000e-006
tblVehicleEF	HHD	2.9000e-005	0.00
tblVehicleEF	HHD	3.7180e-003	6.9000e-005
tblVehicleEF	HHD	0.42	0.39
tblVehicleEF	HHD	2.1000e-005	0.00
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	3.5000e-004	3.6400e-004
tblVehicleEF	HHD	0.06	2.0000e-006
tblVehicleEF	HHD	0.04	9.2680e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.4100e-004	0.00
tblVehicleEF	HHD	2.9000e-005	0.00
tblVehicleEF	HHD	3.7180e-003	6.9000e-005
tblVehicleEF	HHD	0.49	0.44
tblVehicleEF	HHD	2.1000e-005	0.00
tblVehicleEF	HHD	0.14	0.03
tblVehicleEF	HHD	3.5000e-004	3.6400e-004
tblVehicleEF	HHD	0.07	2.0000e-006
tblVehicleEF	LDA	2.5430e-003	1.2690e-003
tblVehicleEF	LDA	3.2030e-003	0.04
tblVehicleEF	LDA	0.40	0.45
tblVehicleEF	LDA	0.82	1.93
tblVehicleEF	LDA	203.26	228.07
tblVehicleEF	LDA	46.86	48.41
tblVehicleEF	LDA	0.03	0.02

tblVehicleEF	LDA	0.04	0.15
tblVehicleEF	LDA	1.5090e-003	1.1540e-003
tblVehicleEF	LDA	2.1710e-003	1.5510e-003
tblVehicleEF	LDA	1.3900e-003	1.0620e-003
tblVehicleEF	LDA	1.9960e-003	1.4260e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.07	0.08
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	6.3870e-003	4.4800e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.04	0.16
tblVehicleEF	LDA	2.0340e-003	2.1550e-003
tblVehicleEF	LDA	4.8200e-004	4.5700e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.07	0.08
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	9.2860e-003	6.5250e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.8890e-003	1.4680e-003
tblVehicleEF	LDA	2.5850e-003	0.03
tblVehicleEF	LDA	0.48	0.55
tblVehicleEF	LDA	0.63	1.48
tblVehicleEF	LDA	222.18	248.84
tblVehicleEF	LDA	46.86	47.56
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.04	0.13

tblVehicleEF	LDA	1.5090e-003	1.1540e-003
tblVehicleEF	LDA	2.1710e-003	1.5510e-003
tblVehicleEF	LDA	1.3900e-003	1.0620e-003
tblVehicleEF	LDA	1.9960e-003	1.4260e-003
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.05	0.07
tblVehicleEF	LDA	7.2430e-003	5.0790e-003
tblVehicleEF	LDA	0.03	0.18
tblVehicleEF	LDA	0.03	0.13
tblVehicleEF	LDA	2.2240e-003	2.3510e-003
tblVehicleEF	LDA	4.7900e-004	4.4900e-004
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.05	0.07
tblVehicleEF	LDA	0.01	7.4000e-003
tblVehicleEF	LDA	0.03	0.18
tblVehicleEF	LDA	0.04	0.14
tblVehicleEF	LDA	2.4650e-003	1.2130e-003
tblVehicleEF	LDA	3.6560e-003	0.04
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tblVehicleEF	LDA	200.67	225.23
tblVehicleEF	LDA	46.86	49.10
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.05	0.16
tblVehicleEF	LDA	1.5090e-003	1.1540e-003

tblVehicleEF	LDA	2.1710e-003	1.5510e-003
tblVehicleEF	LDA	1.3900e-003	1.0620e-003
tblVehicleEF	LDA	1.9960e-003	1.4260e-003
tblVehicleEF	LDA	7.8270e-003	0.01
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	9.6410e-003	0.01
tblVehicleEF	LDA	6.1930e-003	4.3440e-003
tblVehicleEF	LDA	0.04	0.23
tblVehicleEF	LDA	0.05	0.18
tblVehicleEF	LDA	2.0080e-003	2.1280e-003
tblVehicleEF	LDA	4.8500e-004	4.6400e-004
tblVehicleEF	LDA	7.8270e-003	0.01
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	9.6410e-003	0.01
tblVehicleEF	LDA	9.0030e-003	6.3250e-003
tblVehicleEF	LDA	0.04	0.23
tblVehicleEF	LDA	0.05	0.20
tblVehicleEF	LDT1	4.8780e-003	2.5080e-003
tblVehicleEF	LDT1	7.6060e-003	0.05
tblVehicleEF	LDT1	0.67	0.66
tblVehicleEF	LDT1	1.68	2.09
tblVehicleEF	LDT1	257.55	276.15
tblVehicleEF	LDT1	60.34	59.20
tblVehicleEF	LDT1	0.06	0.05
tblVehicleEF	LDT1	0.09	0.19
tblVehicleEF	LDT1	1.8320e-003	1.3630e-003
tblVehicleEF	LDT1	2.6480e-003	1.8610e-003

tblVehicleEF	LDT1	1.6850e-003	1.2540e-003
tblVehicleEF	LDT1	2.4350e-003	1.7110e-003
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.17	0.14
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.12	0.52
tblVehicleEF	LDT1	0.10	0.23
tblVehicleEF	LDT1	2.5820e-003	2.6090e-003
tblVehicleEF	LDT1	6.3200e-004	5.5900e-004
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.17	0.14
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.12	0.52
tblVehicleEF	LDT1	0.11	0.25
tblVehicleEF	LDT1	5.4990e-003	2.8710e-003
tblVehicleEF	LDT1	6.1080e-003	0.04
tblVehicleEF	LDT1	0.80	0.80
tblVehicleEF	LDT1	1.28	1.60
tblVehicleEF	LDT1	280.85	297.72
tblVehicleEF	LDT1	60.34	58.23
tblVehicleEF	LDT1	0.06	0.04
tblVehicleEF	LDT1	0.08	0.17
tblVehicleEF	LDT1	1.8320e-003	1.3630e-003
tblVehicleEF	LDT1	2.6480e-003	1.8610e-003
tblVehicleEF	LDT1	1.6850e-003	1.2540e-003

tblVehicleEF	LDT1	2.4350e-003	1.7110e-003
tblVehicleEF	LDT1	0.16	0.17
tblVehicleEF	LDT1	0.20	0.16
tblVehicleEF	LDT1	0.13	0.14
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.11	0.49
tblVehicleEF	LDT1	0.08	0.19
tblVehicleEF	LDT1	2.8160e-003	2.8130e-003
tblVehicleEF	LDT1	6.2500e-004	5.5000e-004
tblVehicleEF	LDT1	0.16	0.17
tblVehicleEF	LDT1	0.20	0.16
tblVehicleEF	LDT1	0.13	0.14
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.11	0.49
tblVehicleEF	LDT1	0.09	0.20
tblVehicleEF	LDT1	4.7430e-003	2.4060e-003
tblVehicleEF	LDT1	8.7180e-003	0.06
tblVehicleEF	LDT1	0.66	0.65
tblVehicleEF	LDT1	2.00	2.49
tblVehicleEF	LDT1	254.35	273.20
tblVehicleEF	LDT1	60.34	59.98
tblVehicleEF	LDT1	0.07	0.05
tblVehicleEF	LDT1	0.10	0.21
tblVehicleEF	LDT1	1.8320e-003	1.3630e-003
tblVehicleEF	LDT1	2.6480e-003	1.8610e-003
tblVehicleEF	LDT1	1.6850e-003	1.2540e-003
tblVehicleEF	LDT1	2.4350e-003	1.7110e-003

tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.18	0.14
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.01	9.9020e-003
tblVehicleEF	LDT1	0.14	0.64
tblVehicleEF	LDT1	0.12	0.26
tblVehicleEF	LDT1	2.5500e-003	2.5810e-003
tblVehicleEF	LDT1	6.3800e-004	5.6700e-004
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.18	0.15
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.14	0.64
tblVehicleEF	LDT1	0.13	0.29
tblVehicleEF	LDT2	3.5020e-003	2.1400e-003
tblVehicleEF	LDT2	4.2650e-003	0.05
tblVehicleEF	LDT2	0.53	0.60
tblVehicleEF	LDT2	1.07	2.51
tblVehicleEF	LDT2	289.89	289.09
tblVehicleEF	LDT2	67.07	62.38
tblVehicleEF	LDT2	0.05	0.04
tblVehicleEF	LDT2	0.07	0.21
tblVehicleEF	LDT2	1.5930e-003	1.2210e-003
tblVehicleEF	LDT2	2.3030e-003	1.5760e-003
tblVehicleEF	LDT2	1.4650e-003	1.1240e-003
tblVehicleEF	LDT2	2.1180e-003	1.4490e-003
tblVehicleEF	LDT2	0.03	0.05

tblVehicleEF	LDT2	0.08	0.11
tblVehicleEF	LDT2	0.03	0.06
tblVehicleEF	LDT2	8.6920e-003	8.1160e-003
tblVehicleEF	LDT2	0.05	0.39
tblVehicleEF	LDT2	0.06	0.23
tblVehicleEF	LDT2	2.9020e-003	2.7310e-003
tblVehicleEF	LDT2	6.8800e-004	5.8900e-004
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.08	0.11
tblVehicleEF	LDT2	0.03	0.06
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.40
tblVehicleEF	LDT2	0.06	0.26
tblVehicleEF	LDT2	3.9730e-003	2.4620e-003
tblVehicleEF	LDT2	3.4560e-003	0.04
tblVehicleEF	LDT2	0.64	0.73
tblVehicleEF	LDT2	0.83	1.91
tblVehicleEF	LDT2	316.36	309.53
tblVehicleEF	LDT2	67.07	61.25
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.06	0.18
tblVehicleEF	LDT2	1.5930e-003	1.2210e-003
tblVehicleEF	LDT2	2.3030e-003	1.5760e-003
tblVehicleEF	LDT2	1.4650e-003	1.1240e-003
tblVehicleEF	LDT2	2.1180e-003	1.4490e-003
tblVehicleEF	LDT2	0.08	0.13
tblVehicleEF	LDT2	0.09	0.12

tblVehicleEF	LDT2	0.07	0.13
tblVehicleEF	LDT2	9.8570e-003	9.1740e-003
tblVehicleEF	LDT2	0.05	0.37
tblVehicleEF	LDT2	0.05	0.19
tblVehicleEF	LDT2	3.1680e-003	2.9240e-003
tblVehicleEF	LDT2	6.8400e-004	5.7900e-004
tblVehicleEF	LDT2	0.08	0.14
tblVehicleEF	LDT2	0.09	0.12
tblVehicleEF	LDT2	0.07	0.13
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.37
tblVehicleEF	LDT2	0.05	0.21
tblVehicleEF	LDT2	3.3950e-003	2.0490e-003
tblVehicleEF	LDT2	4.8590e-003	0.06
tblVehicleEF	LDT2	0.52	0.59
tblVehicleEF	LDT2	1.27	2.99
tblVehicleEF	LDT2	286.26	286.31
tblVehicleEF	LDT2	67.07	63.29
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.07	0.23
tblVehicleEF	LDT2	1.5930e-003	1.2210e-003
tblVehicleEF	LDT2	2.3030e-003	1.5760e-003
tblVehicleEF	LDT2	1.4650e-003	1.1240e-003
tblVehicleEF	LDT2	2.1180e-003	1.4490e-003
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.02	0.03

tblVehicleEF	LDT2	8.4260e-003	7.8730e-003
tblVehicleEF	LDT2	0.07	0.48
tblVehicleEF	LDT2	0.07	0.27
tblVehicleEF	LDT2	2.8660e-003	2.7050e-003
tblVehicleEF	LDT2	6.9100e-004	5.9800e-004
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.48
tblVehicleEF	LDT2	0.07	0.29
tblVehicleEF	LHD1	4.4140e-003	4.4150e-003
tblVehicleEF	LHD1	0.01	6.9000e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.83	0.64
tblVehicleEF	LHD1	1.98	0.93
tblVehicleEF	LHD1	9.11	8.81
tblVehicleEF	LHD1	662.02	737.80
tblVehicleEF	LHD1	28.10	10.31
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	1.06	0.67
tblVehicleEF	LHD1	0.82	0.26
tblVehicleEF	LHD1	9.1200e-004	9.4800e-004
tblVehicleEF	LHD1	0.01	9.9370e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	7.4900e-004	2.1600e-004

tblVehicleEF	LHD1	8.7300e-004	9.0700e-004
tblVehicleEF	LHD1	2.5820e-003	2.4840e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	6.8800e-004	1.9800e-004
tblVehicleEF	LHD1	2.0710e-003	1.5880e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	1.2220e-003	9.3500e-004
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tblVehicleEF	LHD1	0.30	0.49
tblVehicleEF	LHD1	0.19	0.06
tblVehicleEF	LHD1	9.1000e-005	8.5000e-005
tblVehicleEF	LHD1	6.4760e-003	7.1910e-003
tblVehicleEF	LHD1	3.1800e-004	1.0200e-004
tblVehicleEF	LHD1	2.0710e-003	1.5880e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.2220e-003	9.3500e-004
tblVehicleEF	LHD1	0.14	0.11
tblVehicleEF	LHD1	0.30	0.49
tblVehicleEF	LHD1	0.21	0.06
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tblVehicleEF	LHD1	0.01	7.0310e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.84	0.65
tblVehicleEF	LHD1	1.81	0.86

tblVehicleEF	LHD1	9.11	8.81
tblVehicleEF	LHD1	662.02	737.82
tblVehicleEF	LHD1	28.10	10.18
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tblVehicleEF	LHD1	9.1200e-004	9.4800e-004
tblVehicleEF	LHD1	0.01	9.9370e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	7.4900e-004	2.1600e-004
tblVehicleEF	LHD1	8.7300e-004	9.0700e-004
tblVehicleEF	LHD1	2.5820e-003	2.4840e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	6.8800e-004	1.9800e-004
tblVehicleEF	LHD1	5.1920e-003	4.0010e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	2.7430e-003	2.1160e-003
tblVehicleEF	LHD1	0.12	0.09
tblVehicleEF	LHD1	0.29	0.48
tblVehicleEF	LHD1	0.18	0.05
tblVehicleEF	LHD1	9.1000e-005	8.5000e-005
tblVehicleEF	LHD1	6.4770e-003	7.1910e-003
tblVehicleEF	LHD1	3.1500e-004	1.0100e-004
tblVehicleEF	LHD1	5.1920e-003	4.0010e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.03

tblVehicleEF	LHD1	2.7430e-003	2.1160e-003
tblVehicleEF	LHD1	0.14	0.11
tblVehicleEF	LHD1	0.29	0.48
tblVehicleEF	LHD1	0.20	0.06
tblVehicleEF	LHD1	4.4140e-003	4.4040e-003
tblVehicleEF	LHD1	0.01	6.7950e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.82	0.63
tblVehicleEF	LHD1	2.13	1.00
tblVehicleEF	LHD1	9.11	8.81
tblVehicleEF	LHD1	662.02	737.79
tblVehicleEF	LHD1	28.10	10.44
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	1.08	0.68
tblVehicleEF	LHD1	0.88	0.28
tblVehicleEF	LHD1	9.1200e-004	9.4800e-004
tblVehicleEF	LHD1	0.01	9.9370e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	7.4900e-004	2.1600e-004
tblVehicleEF	LHD1	8.7300e-004	9.0700e-004
tblVehicleEF	LHD1	2.5820e-003	2.4840e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	6.8800e-004	1.9800e-004
tblVehicleEF	LHD1	7.7100e-004	5.8300e-004
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.01	0.02

tblVehicleEF	LHD1	5.6000e-004	4.2300e-004
tblVehicleEF	LHD1	0.11	0.09
tblVehicleEF	LHD1	0.33	0.54
tblVehicleEF	LHD1	0.20	0.06
tblVehicleEF	LHD1	9.1000e-005	8.5000e-005
tblVehicleEF	LHD1	6.4760e-003	7.1910e-003
tblVehicleEF	LHD1	3.2100e-004	1.0300e-004
tblVehicleEF	LHD1	7.7100e-004	5.8300e-004
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	5.6000e-004	4.2300e-004
tblVehicleEF	LHD1	0.14	0.11
tblVehicleEF	LHD1	0.33	0.54
tblVehicleEF	LHD1	0.22	0.07
tblVehicleEF	LHD2	2.7540e-003	2.6610e-003
tblVehicleEF	LHD2	5.9630e-003	6.0430e-003
tblVehicleEF	LHD2	4.1770e-003	5.8720e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.50	0.56
tblVehicleEF	LHD2	0.92	0.50
tblVehicleEF	LHD2	13.93	13.82
tblVehicleEF	LHD2	686.19	716.35
tblVehicleEF	LHD2	21.90	6.59
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.46	0.69
tblVehicleEF	LHD2	0.32	0.14
tblVehicleEF	LHD2	1.1560e-003	1.5020e-003

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.5600e-004	1.0300e-004
tblVehicleEF	LHD2	1.1060e-003	1.4370e-003
tblVehicleEF	LHD2	2.7090e-003	2.7150e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.2800e-004	9.5000e-005
tblVehicleEF	LHD2	5.3400e-004	6.7600e-004
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4500e-004	4.2300e-004
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	0.04	0.17
tblVehicleEF	LHD2	0.06	0.03
tblVehicleEF	LHD2	1.3600e-004	1.3200e-004
tblVehicleEF	LHD2	6.6660e-003	6.9070e-003
tblVehicleEF	LHD2	2.3500e-004	6.5000e-005
tblVehicleEF	LHD2	5.3400e-004	6.7600e-004
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.4500e-004	4.2300e-004
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	0.04	0.17
tblVehicleEF	LHD2	0.06	0.03
tblVehicleEF	LHD2	2.7540e-003	2.6690e-003
tblVehicleEF	LHD2	6.0200e-003	6.0900e-003
tblVehicleEF	LHD2	3.9660e-003	5.5090e-003

tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.50	0.57
tblVehicleEF	LHD2	0.85	0.46
tblVehicleEF	LHD2	13.93	13.82
tblVehicleEF	LHD2	686.19	716.36
tblVehicleEF	LHD2	21.90	6.52
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.44	0.67
tblVehicleEF	LHD2	0.30	0.13
tblVehicleEF	LHD2	1.1560e-003	1.5020e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.5600e-004	1.0300e-004
tblVehicleEF	LHD2	1.1060e-003	1.4370e-003
tblVehicleEF	LHD2	2.7090e-003	2.7150e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.2800e-004	9.5000e-005
tblVehicleEF	LHD2	1.3270e-003	1.6870e-003
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	7.7400e-004	9.5200e-004
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	0.04	0.16
tblVehicleEF	LHD2	0.05	0.03
tblVehicleEF	LHD2	1.3600e-004	1.3200e-004
tblVehicleEF	LHD2	6.6660e-003	6.9070e-003
tblVehicleEF	LHD2	2.3400e-004	6.5000e-005

tblVehicleEF	LHD2	1.3270e-003	1.6870e-003
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.7400e-004	9.5200e-004
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	0.04	0.16
tblVehicleEF	LHD2	0.06	0.03
tblVehicleEF	LHD2	2.7540e-003	2.6550e-003
tblVehicleEF	LHD2	5.9180e-003	6.0040e-003
tblVehicleEF	LHD2	4.3580e-003	6.1800e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.50	0.56
tblVehicleEF	LHD2	0.99	0.53
tblVehicleEF	LHD2	13.93	13.82
tblVehicleEF	LHD2	686.19	716.35
tblVehicleEF	LHD2	21.90	6.66
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.47	0.71
tblVehicleEF	LHD2	0.34	0.15
tblVehicleEF	LHD2	1.1560e-003	1.5020e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.5600e-004	1.0300e-004
tblVehicleEF	LHD2	1.1060e-003	1.4370e-003
tblVehicleEF	LHD2	2.7090e-003	2.7150e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.2800e-004	9.5000e-005

tblVehicleEF	LHD2	2.1700e-004	2.6700e-004
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	1.6000e-004	1.9700e-004
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	0.05	0.19
tblVehicleEF	LHD2	0.06	0.03
tblVehicleEF	LHD2	1.3600e-004	1.3200e-004
tblVehicleEF	LHD2	6.6660e-003	6.9070e-003
tblVehicleEF	LHD2	2.3600e-004	6.6000e-005
tblVehicleEF	LHD2	2.1700e-004	2.6700e-004
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.6000e-004	1.9700e-004
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	0.05	0.19
tblVehicleEF	LHD2	0.06	0.03
tblVehicleEF	MCY	0.46	0.33
tblVehicleEF	MCY	0.16	0.25
tblVehicleEF	MCY	18.90	19.16
tblVehicleEF	MCY	10.30	9.15
tblVehicleEF	MCY	174.51	213.04
tblVehicleEF	MCY	44.39	60.81
tblVehicleEF	MCY	1.15	1.16
tblVehicleEF	MCY	0.32	0.27
tblVehicleEF	MCY	2.1600e-003	2.1140e-003
tblVehicleEF	MCY	3.5160e-003	2.9380e-003

tblVehicleEF	MCY	2.0170e-003	1.9740e-003
tblVehicleEF	MCY	3.3010e-003	2.7580e-003
tblVehicleEF	MCY	0.85	0.88
tblVehicleEF	MCY	0.68	0.71
tblVehicleEF	MCY	0.52	0.55
tblVehicleEF	MCY	2.22	2.23
tblVehicleEF	MCY	0.51	1.80
tblVehicleEF	MCY	2.18	1.94
tblVehicleEF	MCY	2.1200e-003	2.1080e-003
tblVehicleEF	MCY	6.7700e-004	6.0200e-004
tblVehicleEF	MCY	0.85	0.88
tblVehicleEF	MCY	0.68	0.71
tblVehicleEF	MCY	0.52	0.55
tblVehicleEF	MCY	2.76	2.78
tblVehicleEF	MCY	0.51	1.80
tblVehicleEF	MCY	2.38	2.11
tblVehicleEF	MCY	0.45	0.32
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	18.25	18.49
tblVehicleEF	MCY	8.87	7.84
tblVehicleEF	MCY	174.51	211.69
tblVehicleEF	MCY	44.39	57.54
tblVehicleEF	MCY	1.01	1.01
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	2.1600e-003	2.1140e-003
tblVehicleEF	MCY	3.5160e-003	2.9380e-003
tblVehicleEF	MCY	2.0170e-003	1.9740e-003

tblVehicleEF	MCY	3.3010e-003	2.7580e-003
tblVehicleEF	MCY	2.53	2.59
tblVehicleEF	MCY	0.99	1.05
tblVehicleEF	MCY	1.63	1.66
tblVehicleEF	MCY	2.14	2.16
tblVehicleEF	MCY	0.48	1.70
tblVehicleEF	MCY	1.80	1.59
tblVehicleEF	MCY	2.1070e-003	2.0950e-003
tblVehicleEF	MCY	6.4200e-004	5.6900e-004
tblVehicleEF	MCY	2.53	2.59
tblVehicleEF	MCY	0.99	1.05
tblVehicleEF	MCY	1.63	1.66
tblVehicleEF	MCY	2.67	2.68
tblVehicleEF	MCY	0.48	1.70
tblVehicleEF	MCY	1.96	1.73
tblVehicleEF	MCY	0.48	0.34
tblVehicleEF	MCY	0.19	0.30
tblVehicleEF	MCY	20.53	20.84
tblVehicleEF	MCY	11.89	10.64
tblVehicleEF	MCY	174.51	216.05
tblVehicleEF	MCY	44.39	64.33
tblVehicleEF	MCY	1.24	1.25
tblVehicleEF	MCY	0.34	0.29
tblVehicleEF	MCY	2.1600e-003	2.1140e-003
tblVehicleEF	MCY	3.5160e-003	2.9380e-003
tblVehicleEF	MCY	2.0170e-003	1.9740e-003
tblVehicleEF	MCY	3.3010e-003	2.7580e-003

tblVehicleEF	MCY	0.16	0.17
tblVehicleEF	MCY	0.77	0.80
tblVehicleEF	MCY	0.16	0.17
tblVehicleEF	MCY	2.31	2.33
tblVehicleEF	MCY	0.61	2.16
tblVehicleEF	MCY	2.55	2.29
tblVehicleEF	MCY	2.1490e-003	2.1380e-003
tblVehicleEF	MCY	7.1400e-004	6.3700e-004
tblVehicleEF	MCY	0.16	0.17
tblVehicleEF	MCY	0.77	0.80
tblVehicleEF	MCY	0.16	0.17
tblVehicleEF	MCY	2.88	2.90
tblVehicleEF	MCY	0.61	2.16
tblVehicleEF	MCY	2.78	2.49
tblVehicleEF	MDV	6.5370e-003	2.7360e-003
tblVehicleEF	MDV	0.01	0.06
tblVehicleEF	MDV	0.79	0.67
tblVehicleEF	MDV	2.11	2.72
tblVehicleEF	MDV	399.58	357.03
tblVehicleEF	MDV	92.19	76.11
tblVehicleEF	MDV	0.09	0.06
tblVehicleEF	MDV	0.18	0.25
tblVehicleEF	MDV	1.6370e-003	1.2800e-003
tblVehicleEF	MDV	2.3220e-003	1.6120e-003
tblVehicleEF	MDV	1.5080e-003	1.1810e-003
tblVehicleEF	MDV	2.1350e-003	1.4830e-003
tblVehicleEF	MDV	0.06	0.07

tblVehicleEF	MDV	0.16	0.13
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.09	0.44
tblVehicleEF	MDV	0.15	0.29
tblVehicleEF	MDV	3.9980e-003	3.3730e-003
tblVehicleEF	MDV	9.5800e-004	7.1900e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.16	0.13
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.09	0.44
tblVehicleEF	MDV	0.16	0.31
tblVehicleEF	MDV	7.4040e-003	3.1440e-003
tblVehicleEF	MDV	8.9730e-003	0.05
tblVehicleEF	MDV	0.95	0.81
tblVehicleEF	MDV	1.63	2.07
tblVehicleEF	MDV	434.99	377.99
tblVehicleEF	MDV	92.19	74.85
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.15	0.22
tblVehicleEF	MDV	1.6370e-003	1.2800e-003
tblVehicleEF	MDV	2.3220e-003	1.6120e-003
tblVehicleEF	MDV	1.5080e-003	1.1810e-003
tblVehicleEF	MDV	2.1350e-003	1.4830e-003
tblVehicleEF	MDV	0.15	0.17
tblVehicleEF	MDV	0.18	0.15

tblVehicleEF	MDV	0.14	0.16
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.09	0.41
tblVehicleEF	MDV	0.12	0.23
tblVehicleEF	MDV	4.3540e-003	3.5710e-003
tblVehicleEF	MDV	9.5000e-004	7.0700e-004
tblVehicleEF	MDV	0.15	0.17
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.14	0.16
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.09	0.42
tblVehicleEF	MDV	0.13	0.25
tblVehicleEF	MDV	6.3420e-003	2.6220e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	0.77	0.66
tblVehicleEF	MDV	2.50	3.24
tblVehicleEF	MDV	394.72	354.17
tblVehicleEF	MDV	92.19	77.12
tblVehicleEF	MDV	0.10	0.06
tblVehicleEF	MDV	0.19	0.27
tblVehicleEF	MDV	1.6370e-003	1.2800e-003
tblVehicleEF	MDV	2.3220e-003	1.6120e-003
tblVehicleEF	MDV	1.5080e-003	1.1810e-003
tblVehicleEF	MDV	2.1350e-003	1.4830e-003
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.17	0.13
tblVehicleEF	MDV	0.03	0.03

tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.11	0.53
tblVehicleEF	MDV	0.17	0.33
tblVehicleEF	MDV	3.9490e-003	3.3460e-003
tblVehicleEF	MDV	9.6500e-004	7.2900e-004
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.17	0.13
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.11	0.53
tblVehicleEF	MDV	0.19	0.36
tblVehicleEF	MH	0.02	4.9530e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.05	0.37
tblVehicleEF	MH	4.45	0.00
tblVehicleEF	MH	1,199.69	971.96
tblVehicleEF	MH	57.34	0.00
tblVehicleEF	MH	1.13	3.93
tblVehicleEF	MH	0.71	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.09
tblVehicleEF	MH	9.2400e-004	0.00
tblVehicleEF	MH	3.2270e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.08
tblVehicleEF	MH	8.5000e-004	0.00
tblVehicleEF	MH	0.59	0.00
tblVehicleEF	MH	0.05	0.00

tblVehicleEF	MH	0.24	0.00
tblVehicleEF	MH	0.06	0.11
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.26	0.00
tblVehicleEF	MH	0.01	9.1890e-003
tblVehicleEF	MH	6.5100e-004	0.00
tblVehicleEF	MH	0.59	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.24	0.00
tblVehicleEF	MH	0.08	0.12
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.29	0.00
tblVehicleEF	MH	0.02	4.9530e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.10	0.37
tblVehicleEF	MH	3.99	0.00
tblVehicleEF	MH	1,199.69	971.96
tblVehicleEF	MH	57.34	0.00
tblVehicleEF	MH	1.06	3.78
tblVehicleEF	MH	0.66	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.09
tblVehicleEF	MH	9.2400e-004	0.00
tblVehicleEF	MH	3.2270e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.08
tblVehicleEF	MH	8.5000e-004	0.00
tblVehicleEF	MH	1.47	0.00

tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	0.55	0.00
tblVehicleEF	MH	0.06	0.11
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.24	0.00
tblVehicleEF	MH	0.01	9.1890e-003
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tblVehicleEF	MH	1.47	0.00
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	0.55	0.00
tblVehicleEF	MH	0.08	0.12
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.27	0.00
tblVehicleEF	MH	0.02	4.9530e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.02	0.37
tblVehicleEF	MH	4.83	0.00
tblVehicleEF	MH	1,199.69	971.96
tblVehicleEF	MH	57.34	0.00
tblVehicleEF	MH	1.16	3.99
tblVehicleEF	MH	0.76	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.09
tblVehicleEF	MH	9.2400e-004	0.00
tblVehicleEF	MH	3.2270e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.08
tblVehicleEF	MH	8.5000e-004	0.00

tblVehicleEF	MH	0.21	0.00
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	0.06	0.11
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	0.01	9.1890e-003
tblVehicleEF	MH	6.5700e-004	0.00
tblVehicleEF	MH	0.21	0.00
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	0.11	0.00
tblVehicleEF	MH	0.08	0.12
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.30	0.00
tblVehicleEF	MHD	0.02	4.0910e-003
tblVehicleEF	MHD	3.4270e-003	1.5200e-003
tblVehicleEF	MHD	0.04	9.5430e-003
tblVehicleEF	MHD	0.37	0.45
tblVehicleEF	MHD	0.29	0.20
tblVehicleEF	MHD	4.41	1.04
tblVehicleEF	MHD	133.91	80.49
tblVehicleEF	MHD	1,178.29	1,067.40
tblVehicleEF	MHD	59.57	9.57
tblVehicleEF	MHD	0.37	0.46
tblVehicleEF	MHD	1.06	1.45
tblVehicleEF	MHD	10.16	1.66
tblVehicleEF	MHD	9.4000e-005	3.1000e-004

tblVehicleEF	MHD	3.1350e-003	7.1690e-003
tblVehicleEF	MHD	8.3800e-004	1.2100e-004
tblVehicleEF	MHD	9.0000e-005	2.9700e-004
tblVehicleEF	MHD	2.9910e-003	6.8500e-003
tblVehicleEF	MHD	7.7100e-004	1.1100e-004
tblVehicleEF	MHD	6.6700e-004	3.3100e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	4.1500e-004	2.0300e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.27	0.05
tblVehicleEF	MHD	1.2900e-003	7.6300e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.7300e-004	9.5000e-005
tblVehicleEF	MHD	6.6700e-004	3.3100e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	4.1500e-004	2.0300e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.29	0.05
tblVehicleEF	MHD	0.01	3.8590e-003
tblVehicleEF	MHD	3.4890e-003	1.5630e-003
tblVehicleEF	MHD	0.03	8.9400e-003
tblVehicleEF	MHD	0.25	0.38
tblVehicleEF	MHD	0.29	0.21

tblVehicleEF	MHD	4.01	0.95
tblVehicleEF	MHD	142.00	80.43
tblVehicleEF	MHD	1,178.29	1,067.41
tblVehicleEF	MHD	59.57	9.41
tblVehicleEF	MHD	0.38	0.45
tblVehicleEF	MHD	1.02	1.39
tblVehicleEF	MHD	10.11	1.66
tblVehicleEF	MHD	7.9000e-005	2.6500e-004
tblVehicleEF	MHD	3.1350e-003	7.1690e-003
tblVehicleEF	MHD	8.3800e-004	1.2100e-004
tblVehicleEF	MHD	7.6000e-005	2.5400e-004
tblVehicleEF	MHD	2.9910e-003	6.8500e-003
tblVehicleEF	MHD	7.7100e-004	1.1100e-004
tblVehicleEF	MHD	1.7000e-003	8.4800e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	9.6600e-004	4.7700e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.25	0.04
tblVehicleEF	MHD	1.3660e-003	7.6300e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.6600e-004	9.3000e-005
tblVehicleEF	MHD	1.7000e-003	8.4800e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	9.6600e-004	4.7700e-004

tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.27	0.05
tblVehicleEF	MHD	0.02	4.3180e-003
tblVehicleEF	MHD	3.3780e-003	1.4850e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.48	0.52
tblVehicleEF	MHD	0.29	0.20
tblVehicleEF	MHD	4.78	1.13
tblVehicleEF	MHD	123.10	80.70
tblVehicleEF	MHD	1,178.29	1,067.40
tblVehicleEF	MHD	59.57	9.72
tblVehicleEF	MHD	0.35	0.48
tblVehicleEF	MHD	1.08	1.47
tblVehicleEF	MHD	10.20	1.67
tblVehicleEF	MHD	1.1400e-004	3.7200e-004
tblVehicleEF	MHD	3.1350e-003	7.1690e-003
tblVehicleEF	MHD	8.3800e-004	1.2100e-004
tblVehicleEF	MHD	1.0900e-004	3.5600e-004
tblVehicleEF	MHD	2.9910e-003	6.8500e-003
tblVehicleEF	MHD	7.7100e-004	1.1100e-004
tblVehicleEF	MHD	2.5400e-004	1.2400e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.8600e-004	9.0000e-005
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.10

tblVehicleEF	MHD	0.28	0.05
tblVehicleEF	MHD	1.1880e-003	7.6500e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.7900e-004	9.6000e-005
tblVehicleEF	MHD	2.5400e-004	1.2400e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.8600e-004	9.0000e-005
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.31	0.06
tblVehicleEF	OBUS	0.01	8.7300e-003
tblVehicleEF	OBUS	6.1080e-003	6.0880e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.54
tblVehicleEF	OBUS	0.40	0.65
tblVehicleEF	OBUS	4.87	2.59
tblVehicleEF	OBUS	76.44	69.84
tblVehicleEF	OBUS	1,267.78	1,389.44
tblVehicleEF	OBUS	68.09	20.05
tblVehicleEF	OBUS	0.15	0.27
tblVehicleEF	OBUS	0.73	1.06
tblVehicleEF	OBUS	2.13	0.73
tblVehicleEF	OBUS	1.4000e-005	9.1000e-005
tblVehicleEF	OBUS	2.4890e-003	6.1380e-003
tblVehicleEF	OBUS	9.2700e-004	2.1300e-004
tblVehicleEF	OBUS	1.3000e-005	8.7000e-005

tblVehicleEF	OBUS	2.3530e-003	5.8480e-003
tblVehicleEF	OBUS	8.5200e-004	1.9600e-004
tblVehicleEF	OBUS	1.1270e-003	1.6200e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	5.6100e-004	7.9600e-004
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.04	0.29
tblVehicleEF	OBUS	0.30	0.12
tblVehicleEF	OBUS	7.4100e-004	6.6600e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6600e-004	1.9800e-004
tblVehicleEF	OBUS	1.1270e-003	1.6200e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	5.6100e-004	7.9600e-004
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	0.04	0.29
tblVehicleEF	OBUS	0.33	0.13
tblVehicleEF	OBUS	0.01	8.8170e-003
tblVehicleEF	OBUS	6.2910e-003	6.3190e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.53
tblVehicleEF	OBUS	0.41	0.68
tblVehicleEF	OBUS	4.38	2.33
tblVehicleEF	OBUS	79.99	69.10
tblVehicleEF	OBUS	1,267.78	1,389.48

tblVehicleEF	OBUS	68.09	19.61
tblVehicleEF	OBUS	0.16	0.26
tblVehicleEF	OBUS	0.70	1.01
tblVehicleEF	OBUS	2.07	0.71
tblVehicleEF	OBUS	1.2000e-005	8.1000e-005
tblVehicleEF	OBUS	2.4890e-003	6.1380e-003
tblVehicleEF	OBUS	9.2700e-004	2.1300e-004
tblVehicleEF	OBUS	1.1000e-005	7.7000e-005
tblVehicleEF	OBUS	2.3530e-003	5.8480e-003
tblVehicleEF	OBUS	8.5200e-004	1.9600e-004
tblVehicleEF	OBUS	2.7610e-003	3.9400e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.2880e-003	1.7960e-003
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.04	0.29
tblVehicleEF	OBUS	0.28	0.11
tblVehicleEF	OBUS	7.7500e-004	6.5900e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.5800e-004	1.9400e-004
tblVehicleEF	OBUS	2.7610e-003	3.9400e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	1.2880e-003	1.7960e-003
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	0.04	0.29
tblVehicleEF	OBUS	0.31	0.12

tblVehicleEF	OBUS	0.01	8.6320e-003
tblVehicleEF	OBUS	5.9640e-003	5.9080e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.54
tblVehicleEF	OBUS	0.39	0.64
tblVehicleEF	OBUS	5.27	2.80
tblVehicleEF	OBUS	71.54	70.88
tblVehicleEF	OBUS	1,267.78	1,389.41
tblVehicleEF	OBUS	68.09	20.41
tblVehicleEF	OBUS	0.15	0.29
tblVehicleEF	OBUS	0.75	1.09
tblVehicleEF	OBUS	2.19	0.75
tblVehicleEF	OBUS	1.7000e-005	1.0500e-004
tblVehicleEF	OBUS	2.4890e-003	6.1380e-003
tblVehicleEF	OBUS	9.2700e-004	2.1300e-004
tblVehicleEF	OBUS	1.6000e-005	1.0000e-004
tblVehicleEF	OBUS	2.3530e-003	5.8480e-003
tblVehicleEF	OBUS	8.5200e-004	1.9600e-004
tblVehicleEF	OBUS	4.9800e-004	7.1500e-004
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	2.6800e-004	3.8400e-004
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.04	0.32
tblVehicleEF	OBUS	0.32	0.13
tblVehicleEF	OBUS	6.9500e-004	6.7600e-004
tblVehicleEF	OBUS	0.01	0.01

tblVehicleEF	OBUS	7.7300e-004	2.0200e-004
tblVehicleEF	OBUS	4.9800e-004	7.1500e-004
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	2.6800e-004	3.8400e-004
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	0.04	0.32
tblVehicleEF	OBUS	0.35	0.14
tblVehicleEF	SBUS	0.85	0.02
tblVehicleEF	SBUS	5.2870e-003	2.1380e-003
tblVehicleEF	SBUS	0.05	1.3730e-003
tblVehicleEF	SBUS	2.21	1.35
tblVehicleEF	SBUS	0.37	0.19
tblVehicleEF	SBUS	1.43	0.20
tblVehicleEF	SBUS	1,405.57	285.60
tblVehicleEF	SBUS	1,224.46	939.12
tblVehicleEF	SBUS	12.12	1.13
tblVehicleEF	SBUS	10.39	1.97
tblVehicleEF	SBUS	3.55	2.26
tblVehicleEF	SBUS	18.89	1.70
tblVehicleEF	SBUS	7.3790e-003	1.1280e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	2.1800e-004	1.8000e-005
tblVehicleEF	SBUS	7.0590e-003	1.0790e-003
tblVehicleEF	SBUS	2.9210e-003	2.8960e-003
tblVehicleEF	SBUS	0.02	0.01

tblVehicleEF	SBUS	2.0100e-004	1.6000e-005
tblVehicleEF	SBUS	5.4000e-004	1.0400e-004
tblVehicleEF	SBUS	5.1850e-003	9.7700e-004
tblVehicleEF	SBUS	0.26	0.09
tblVehicleEF	SBUS	2.7100e-004	5.0000e-005
tblVehicleEF	SBUS	0.10	0.04
tblVehicleEF	SBUS	2.3090e-003	6.5810e-003
tblVehicleEF	SBUS	0.07	7.6190e-003
tblVehicleEF	SBUS	0.01	2.7050e-003
tblVehicleEF	SBUS	0.01	8.9090e-003
tblVehicleEF	SBUS	1.4600e-004	1.1000e-005
tblVehicleEF	SBUS	5.4000e-004	1.0400e-004
tblVehicleEF	SBUS	5.1850e-003	9.7700e-004
tblVehicleEF	SBUS	0.36	0.13
tblVehicleEF	SBUS	2.7100e-004	5.0000e-005
tblVehicleEF	SBUS	0.11	0.04
tblVehicleEF	SBUS	2.3090e-003	6.5810e-003
tblVehicleEF	SBUS	0.08	8.3420e-003
tblVehicleEF	SBUS	0.85	0.02
tblVehicleEF	SBUS	5.3210e-003	2.1610e-003
tblVehicleEF	SBUS	0.04	1.1130e-003
tblVehicleEF	SBUS	2.08	1.33
tblVehicleEF	SBUS	0.38	0.19
tblVehicleEF	SBUS	0.99	0.14
tblVehicleEF	SBUS	1,485.53	286.31
tblVehicleEF	SBUS	1,224.46	939.13
tblVehicleEF	SBUS	12.12	1.03

tblVehicleEF	SBUS	10.73	1.95
tblVehicleEF	SBUS	3.41	2.17
tblVehicleEF	SBUS	18.88	1.70
tblVehicleEF	SBUS	6.2200e-003	9.6400e-004
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	2.1800e-004	1.8000e-005
tblVehicleEF	SBUS	5.9510e-003	9.2200e-004
tblVehicleEF	SBUS	2.9210e-003	2.8960e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	2.0100e-004	1.6000e-005
tblVehicleEF	SBUS	1.3200e-003	2.6000e-004
tblVehicleEF	SBUS	5.4310e-003	1.0390e-003
tblVehicleEF	SBUS	0.26	0.09
tblVehicleEF	SBUS	6.2100e-004	1.2100e-004
tblVehicleEF	SBUS	0.10	0.04
tblVehicleEF	SBUS	1.9780e-003	5.5900e-003
tblVehicleEF	SBUS	0.06	6.1710e-003
tblVehicleEF	SBUS	0.01	2.7120e-003
tblVehicleEF	SBUS	0.01	8.9090e-003
tblVehicleEF	SBUS	1.3800e-004	1.0000e-005
tblVehicleEF	SBUS	1.3200e-003	2.6000e-004
tblVehicleEF	SBUS	5.4310e-003	1.0390e-003
tblVehicleEF	SBUS	0.36	0.13
tblVehicleEF	SBUS	6.2100e-004	1.2100e-004
tblVehicleEF	SBUS	0.11	0.04
tblVehicleEF	SBUS	1.9780e-003	5.5900e-003

tblVehicleEF	SBUS	0.07	6.7570e-003
tblVehicleEF	SBUS	0.85	0.02
tblVehicleEF	SBUS	5.2610e-003	2.1200e-003
tblVehicleEF	SBUS	0.06	1.5590e-003
tblVehicleEF	SBUS	2.40	1.38
tblVehicleEF	SBUS	0.37	0.19
tblVehicleEF	SBUS	1.79	0.25
tblVehicleEF	SBUS	1,295.16	284.61
tblVehicleEF	SBUS	1,224.46	939.12
tblVehicleEF	SBUS	12.12	1.21
tblVehicleEF	SBUS	9.93	2.00
tblVehicleEF	SBUS	3.60	2.30
tblVehicleEF	SBUS	18.90	1.70
tblVehicleEF	SBUS	8.9780e-003	1.3550e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	2.1800e-004	1.8000e-005
tblVehicleEF	SBUS	8.5900e-003	1.2960e-003
tblVehicleEF	SBUS	2.9210e-003	2.8960e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	2.0100e-004	1.6000e-005
tblVehicleEF	SBUS	2.4100e-004	4.3000e-005
tblVehicleEF	SBUS	5.2470e-003	9.9300e-004
tblVehicleEF	SBUS	0.27	0.09
tblVehicleEF	SBUS	1.3000e-004	2.3000e-005
tblVehicleEF	SBUS	0.10	0.04
tblVehicleEF	SBUS	2.9620e-003	8.5240e-003

tblVehicleEF	SBUS	0.08	8.6620e-003
tblVehicleEF	SBUS	0.01	2.6960e-003
tblVehicleEF	SBUS	0.01	8.9090e-003
tblVehicleEF	SBUS	1.5200e-004	1.2000e-005
tblVehicleEF	SBUS	2.4100e-004	4.3000e-005
tblVehicleEF	SBUS	5.2470e-003	9.9300e-004
tblVehicleEF	SBUS	0.37	0.13
tblVehicleEF	SBUS	1.3000e-004	2.3000e-005
tblVehicleEF	SBUS	0.11	0.04
tblVehicleEF	SBUS	2.9620e-003	8.5240e-003
tblVehicleEF	SBUS	0.09	9.4830e-003
tblVehicleEF	UBUS	0.23	0.05
tblVehicleEF	UBUS	0.07	1.3340e-003
tblVehicleEF	UBUS	3.26	0.10
tblVehicleEF	UBUS	10.85	0.21
tblVehicleEF	UBUS	1,908.66	1,211.08
tblVehicleEF	UBUS	153.40	2.68
tblVehicleEF	UBUS	3.88	0.56
tblVehicleEF	UBUS	11.94	0.02
tblVehicleEF	UBUS	0.48	0.06
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.07	4.3020e-003
tblVehicleEF	UBUS	1.4100e-003	4.6000e-005
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	5.7680e-003
tblVehicleEF	UBUS	0.07	4.1080e-003
tblVehicleEF	UBUS	1.2960e-003	4.3000e-005

tblVehicleEF	UBUS	4.8000e-003	4.4600e-004
tblVehicleEF	UBUS	0.08	1.6920e-003
tblVehicleEF	UBUS	2.7860e-003	1.0600e-004
tblVehicleEF	UBUS	0.24	1.2280e-003
tblVehicleEF	UBUS	0.02	5.3070e-003
tblVehicleEF	UBUS	0.96	4.4750e-003
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	1.7330e-003	2.7000e-005
tblVehicleEF	UBUS	4.8000e-003	4.4600e-004
tblVehicleEF	UBUS	0.08	1.6920e-003
tblVehicleEF	UBUS	2.7860e-003	1.0600e-004
tblVehicleEF	UBUS	0.49	0.05
tblVehicleEF	UBUS	0.02	5.3070e-003
tblVehicleEF	UBUS	1.05	4.8990e-003
tblVehicleEF	UBUS	0.23	0.05
tblVehicleEF	UBUS	0.06	1.1760e-003
tblVehicleEF	UBUS	3.30	0.10
tblVehicleEF	UBUS	8.53	0.17
tblVehicleEF	UBUS	1,908.66	1,211.08
tblVehicleEF	UBUS	153.40	2.62
tblVehicleEF	UBUS	3.70	0.55
tblVehicleEF	UBUS	11.81	0.02
tblVehicleEF	UBUS	0.48	0.06
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.07	4.3020e-003
tblVehicleEF	UBUS	1.4100e-003	4.6000e-005
tblVehicleEF	UBUS	0.21	0.03

tblVehicleEF	UBUS	3.0000e-003	5.7680e-003
tblVehicleEF	UBUS	0.07	4.1080e-003
tblVehicleEF	UBUS	1.2960e-003	4.3000e-005
tblVehicleEF	UBUS	0.01	1.2080e-003
tblVehicleEF	UBUS	0.10	2.1100e-003
tblVehicleEF	UBUS	6.3000e-003	2.7900e-004
tblVehicleEF	UBUS	0.25	1.2450e-003
tblVehicleEF	UBUS	0.02	5.0270e-003
tblVehicleEF	UBUS	0.83	3.9440e-003
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	1.6930e-003	2.6000e-005
tblVehicleEF	UBUS	0.01	1.2080e-003
tblVehicleEF	UBUS	0.10	2.1100e-003
tblVehicleEF	UBUS	6.3000e-003	2.7900e-004
tblVehicleEF	UBUS	0.49	0.05
tblVehicleEF	UBUS	0.02	5.0270e-003
tblVehicleEF	UBUS	0.91	4.3180e-003
tblVehicleEF	UBUS	0.22	0.05
tblVehicleEF	UBUS	0.08	1.4520e-003
tblVehicleEF	UBUS	3.23	0.10
tblVehicleEF	UBUS	12.94	0.24
tblVehicleEF	UBUS	1,908.66	1,211.08
tblVehicleEF	UBUS	153.40	2.73
tblVehicleEF	UBUS	3.96	0.56
tblVehicleEF	UBUS	12.05	0.02
tblVehicleEF	UBUS	0.48	0.06
tblVehicleEF	UBUS	0.01	0.02

tblVehicleEF	UBUS	0.07	4.3020e-003
tblVehicleEF	UBUS	1.4100e-003	4.6000e-005
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	5.7680e-003
tblVehicleEF	UBUS	0.07	4.1080e-003
tblVehicleEF	UBUS	1.2960e-003	4.3000e-005
tblVehicleEF	UBUS	1.9220e-003	1.4800e-004
tblVehicleEF	UBUS	0.09	1.7630e-003
tblVehicleEF	UBUS	1.3270e-003	4.2000e-005
tblVehicleEF	UBUS	0.24	1.2140e-003
tblVehicleEF	UBUS	0.03	6.1240e-003
tblVehicleEF	UBUS	1.06	4.8700e-003
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	1.7700e-003	2.7000e-005
tblVehicleEF	UBUS	1.9220e-003	1.4800e-004
tblVehicleEF	UBUS	0.09	1.7630e-003
tblVehicleEF	UBUS	1.3270e-003	4.2000e-005
tblVehicleEF	UBUS	0.48	0.05
tblVehicleEF	UBUS	0.03	6.1240e-003
tblVehicleEF	UBUS	1.17	5.3320e-003
tblVehicleTrips	CC_TTP	28.00	0.00
tblVehicleTrips	CNW_TTP	13.00	0.00
tblVehicleTrips	CW_TL	9.50	20.53
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PR_TP	79.00	100.00

tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	2.49	6.49
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	0.73	6.49
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	6.83	6.49
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	OutdoorWaterUseRate	2,018,539.38	0.00
tblWater	OutdoorWaterUseRate	0.00	1,619,771.39
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.8924	2.0000e-005	1.9400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.7800e-003	3.7800e-003	1.0000e-005	0.0000	4.0300e-003
Energy	0.0190	0.1727	0.1451	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	409.1911	409.1911	0.0347	9.8800e-003	413.0027
Mobile	0.4409	0.3536	6.2348	0.0192	2.9412	0.0109	2.9522	0.7815	0.0101	0.7915	0.0000	1,846.2411	1,846.2411	0.0480	0.0000	1,847.4417
Waste						0.0000	0.0000		0.0000	0.0000	45.1452	0.0000	45.1452	2.6680	0.0000	111.8453
Water						0.0000	0.0000		0.0000	0.0000	14.7026	21.5710	36.2735	0.0536	0.0326	47.3295
Total	**1.3523**	**0.5263**	**6.3818**	**0.0203**	**2.9412**	**0.0241**	**2.9653**	**0.7815**	**0.0232**	**0.8047**	**59.8478**	**2,277.0069**	**2,336.8547**	**2.8044**	**0.0425**	**2,419.6232**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.8924	2.0000e-005	1.9400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.7800e-003	3.7800e-003	1.0000e-005	0.0000	4.0300e-003
Energy	0.0190	0.1727	0.1451	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	188.0174	188.0174	3.6000e-003	3.4500e-003	189.1347
Mobile	0.4409	0.3536	6.2348	0.0192	2.9412	0.0109	2.9522	0.7815	0.0101	0.7915	0.0000	1,846.2411	1,846.2411	0.0480	0.0000	1,847.4417
Waste						0.0000	0.0000		0.0000	0.0000	45.1452	0.0000	45.1452	2.6680	0.0000	111.8453
Water						0.0000	0.0000		0.0000	0.0000	11.7621	17.3305	29.0926	0.0429	0.0261	37.9382
Total	**1.3523**	**0.5263**	**6.3818**	**0.0203**	**2.9412**	**0.0241**	**2.9653**	**0.7815**	**0.0232**	**0.8047**	**56.9073**	**2,051.5928**	**2,108.5000**	**2.7626**	**0.0295**	**2,186.3639**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**4.91**	**9.90**	**9.77**	**1.49**	**30.48**	**9.64**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.4409	0.3536	6.2348	0.0192	2.9412	0.0109	2.9522	0.7815	0.0101	0.7915	0.0000	1,846.2411	1,846.2411	0.0480	0.0000	1,847.4417
Unmitigated	0.4409	0.3536	6.2348	0.0192	2.9412	0.0109	2.9522	0.7815	0.0101	0.7915	0.0000	1,846.2411	1,846.2411	0.0480	0.0000	1,847.4417

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Industrial Park	1,074.03	1,074.03	1074.03	8,026,170	8,026,170
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	1,074.03	1,074.03	1,074.03	8,026,170	8,026,170

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Industrial Park	20.53	7.30	7.30	100.00	0.00	0.00	100	0	0
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.602053	0.035638	0.184509	0.111379	0.013262	0.004884	0.010800	0.025642	0.001653	0.001600	0.005187	0.002687	0.000705
Industrial Park	0.991458	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.008542	0.000000	0.000000
Other Asphalt Surfaces	0.602053	0.035638	0.184509	0.111379	0.013262	0.004884	0.010800	0.025642	0.001653	0.001600	0.005187	0.002687	0.000705
Other Non-Asphalt Surfaces	0.602053	0.035638	0.184509	0.111379	0.013262	0.004884	0.010800	0.025642	0.001653	0.001600	0.005187	0.002687	0.000705
Parking Lot	0.602053	0.035638	0.184509	0.111379	0.013262	0.004884	0.010800	0.025642	0.001653	0.001600	0.005187	0.002687	0.000705

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Percent of Electricity Use Generated with Renewable Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	221.1737	221.1737	0.0311	6.4300e-003	223.8680
NaturalGas Mitigated	0.0190	0.1727	0.1451	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	188.0174	188.0174	3.6000e-003	3.4500e-003	189.1347
NaturalGas Unmitigated	0.0190	0.1727	0.1451	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	188.0174	188.0174	3.6000e-003	3.4500e-003	189.1347

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	354830	1.9100e-003	0.0174	0.0146	1.0000e-004		1.3200e-003	1.3200e-003		1.3200e-003	1.3200e-003	0.0000	18.9351	18.9351	3.6000e-004	3.5000e-004	19.0476
Industrial Park	3.16848e+006	0.0171	0.1553	0.1305	9.3000e-004		0.0118	0.0118		0.0118	0.0118	0.0000	169.0823	169.0823	3.2400e-003	3.1000e-003	170.0871
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0190**	**0.1727**	**0.1451**	**1.0300e-003**		**0.0131**	**0.0131**		**0.0131**	**0.0131**	**0.0000**	**188.0174**	**188.0174**	**3.6000e-003**	**3.4500e-003**	**189.1347**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	354830	1.9100e-003	0.0174	0.0146	1.0000e-004		1.3200e-003	1.3200e-003		1.3200e-003	1.3200e-003	0.0000	18.9351	18.9351	3.6000e-004	3.5000e-004	19.0476
Industrial Park	3.16848e+006	0.0171	0.1553	0.1305	9.3000e-004		0.0118	0.0118		0.0118	0.0118	0.0000	169.0823	169.0823	3.2400e-003	3.1000e-003	170.0871
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0190**	**0.1727**	**0.1451**	**1.0300e-003**		**0.0131**	**0.0131**		**0.0131**	**0.0131**	**0.0000**	**188.0174**	**188.0174**	**3.6000e-003**	**3.4500e-003**	**189.1347**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	223089	20.8748	2.9300e-003	6.1000e-004	21.1291
Industrial Park	1.99209e+006	186.4030	0.0262	5.4200e-003	188.6738
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	148506	13.8959	1.9500e-003	4.0000e-004	14.0652
Total		**221.1737**	**0.0311**	**6.4300e-003**	**223.8680**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	0	0.0000	0.0000	0.0000	0.0000
Industrial Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.8924	2.0000e-005	1.9400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.7800e-003	3.7800e-003	1.0000e-005	0.0000	4.0300e-003
Unmitigated	0.8924	2.0000e-005	1.9400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.7800e-003	3.7800e-003	1.0000e-005	0.0000	4.0300e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1048					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.7875					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.8000e-004	2.0000e-005	1.9400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.7800e-003	3.7800e-003	1.0000e-005	0.0000	4.0300e-003
Total	**0.8924**	**2.0000e-005**	**1.9400e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**3.7800e-003**	**3.7800e-003**	**1.0000e-005**	**0.0000**	**4.0300e-003**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1048					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.7875					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.8000e-004	2.0000e-005	1.9400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.7800e-003	3.7800e-003	1.0000e-005	0.0000	4.0300e-003
Total	**0.8924**	**2.0000e-005**	**1.9400e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**3.7800e-003**	**3.7800e-003**	**1.0000e-005**	**0.0000**	**4.0300e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	29.0926	0.0429	0.0261	37.9382
Unmitigated	36.2735	0.0536	0.0326	47.3295

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	3.29341 / 0	2.8327	4.2400e-003	2.5800e-003	3.7084
Industrial Park	38.2626 / 1.61977	33.4408	0.0494	0.0300	43.6211
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**36.2735**	**0.0536**	**0.0326**	**47.3295**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	2.63473 / 0	2.2662	3.4000e-003	2.0700e-003	2.9667
Industrial Park	30.6101 / 1.52097	26.8264	0.0395	0.0240	34.9715
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**29.0926**	**0.0429**	**0.0261**	**37.9382**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	45.1452	2.6680	0.0000	111.8453
Unmitigated	45.1452	2.6680	0.0000	111.8453

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	17.23	3.4975	0.2067	0.0000	8.6650
Industrial Park	205.17	41.6477	2.4613	0.0000	103.1803
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**45.1452**	**2.6680**	**0.0000**	**111.8453**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	17.23	3.4975	0.2067	0.0000	8.6650
Industrial Park	205.17	41.6477	2.4613	0.0000	103.1803
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**45.1452**	**2.6680**	**0.0000**	**111.8453**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Main_2027

Contra Costa County, Mitigation Report

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00	100.00	100.00	100.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	20.00	19.66	19.80	19.97	19.97	19.84
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.08	0.29		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			

No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	100.00
No	Use Low VOC Paint (Residential Exterior)	150.00
No	Use Low VOC Paint (Non-residential Interior)	100.00
No	Use Low VOC Paint (Non-residential Exterior)	150.00
No	Use Low VOC Paint (Parking)	150.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24	0.00	
No	Install High Efficiency Lighting	0.00	
Yes	On-site Renewable		100.00

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy	0.00	0.00
No	Use Reclaimed Water	0.00	0.00
No	Use Grey Water	0.00	
Yes	Install low-flow bathroom faucet	32.00	
Yes	Install low-flow Kitchen faucet	18.00	
Yes	Install low-flow Toilet	20.00	
Yes	Install low-flow Shower	20.00	
No	Turf Reduction	0.00	
Yes	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape	0.00	0.00

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services Percent Reduction in Waste Disposed	

Scenario 4: Delivery_2021

Contra Costa County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	18.53	1000sqft	0.43	18,529.00	0
Industrial Park	165.46	1000sqft	3.80	165,456.00	0
Other Asphalt Surfaces	14.73	Acre	14.73	641,537.00	0
Other Non-Asphalt Surfaces	3.19	Acre	3.19	0.00	0
Parking Lot	9.74	Acre	9.74	424,302.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	5			**Operational Year**	2021
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	206.29	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See assumptions file.

Land Use - See assumptions file.

Construction Phase -

Vehicle Trips - See assumptions file.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Area Coating - For mobile source emissions only.

Energy Use - For mobile source emissions only.

Water And Wastewater - For mobile source emissions only.

Solid Waste - For mobile source emissions only.

Energy Mitigation -

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	91993	0
tblAreaCoating	Area_Nonresidential_Interior	275978	0
tblAreaCoating	Area_Parking	63950	0
tblEnergyUse	LightingElect	3.58	0.00
tblEnergyUse	LightingElect	3.58	0.00
tblEnergyUse	NT24E	4.80	0.00
tblEnergyUse	NT24E	4.80	0.00
tblEnergyUse	NT24NG	1.01	0.00
tblEnergyUse	NT24NG	1.01	0.00
tblEnergyUse	T24E	4.10	0.00
tblEnergyUse	T24E	4.10	0.00
tblEnergyUse	T24NG	18.32	0.00
tblEnergyUse	T24NG	18.32	0.00
tblFleetMix	HHD	0.02	0.00

tblFleetMix	LDA	0.58	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.02	0.77
tblFleetMix	LHD2	5.0830e-003	0.23
tblFleetMix	MCY	5.4540e-003	0.00
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MH	8.7100e-004	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	1.6050e-003	0.00
tblFleetMix	SBUS	2.7460e-003	0.00
tblFleetMix	UBUS	1.8100e-003	0.00
tblLandUse	LandUseSquareFeet	18,530.00	18,529.00
tblLandUse	LandUseSquareFeet	165,460.00	165,456.00
tblLandUse	LandUseSquareFeet	641,638.80	641,537.00
tblLandUse	LandUseSquareFeet	138,956.40	0.00
tblLandUse	LandUseSquareFeet	424,274.40	424,302.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	206.29
tblSolidWaste	SolidWasteGenerationRate	17.23	0.00
tblSolidWaste	SolidWasteGenerationRate	205.17	0.00
tblVehicleEF	HHD	0.62	0.02
tblVehicleEF	HHD	0.05	6.4620e-003
tblVehicleEF	HHD	0.12	0.00
tblVehicleEF	HHD	2.56	5.60
tblVehicleEF	HHD	0.92	0.53
tblVehicleEF	HHD	2.99	0.00
tblVehicleEF	HHD	4,622.54	1,082.60

tblVehicleEF	HHD	1,632.59	1,521.61
tblVehicleEF	HHD	8.73	0.00
tblVehicleEF	HHD	21.39	5.94
tblVehicleEF	HHD	3.99	4.13
tblVehicleEF	HHD	19.83	1.90
tblVehicleEF	HHD	0.02	8.7350e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	1.0100e-004	0.00
tblVehicleEF	HHD	0.02	8.3570e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8040e-003	8.8580e-003
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	9.2000e-005	0.00
tblVehicleEF	HHD	9.3000e-005	0.00
tblVehicleEF	HHD	5.1840e-003	0.00
tblVehicleEF	HHD	0.66	0.44
tblVehicleEF	HHD	6.0000e-005	0.00
tblVehicleEF	HHD	0.14	0.14
tblVehicleEF	HHD	4.5200e-004	0.00
tblVehicleEF	HHD	0.10	0.00
tblVehicleEF	HHD	0.04	0.01
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.3700e-004	0.00
tblVehicleEF	HHD	9.3000e-005	0.00
tblVehicleEF	HHD	5.1840e-003	0.00

tblVehicleEF	HHD	0.76	0.50
tblVehicleEF	HHD	6.0000e-005	0.00
tblVehicleEF	HHD	0.19	0.16
tblVehicleEF	HHD	4.5200e-004	0.00
tblVehicleEF	HHD	0.11	0.00
tblVehicleEF	HHD	0.58	0.02
tblVehicleEF	HHD	0.05	6.4620e-003
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tblVehicleEF	HHD	1,632.59	1,521.61
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tblVehicleEF	HHD	3.84	3.98
tblVehicleEF	HHD	19.81	1.90
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tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.06
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tblVehicleEF	HHD	0.02	7.7710e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8040e-003	8.8580e-003
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	9.2000e-005	0.00

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tblVehicleEF	HHD	5.8010e-003	0.00
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tblVehicleEF	HHD	1.6000e-004	0.00
tblVehicleEF	HHD	0.14	0.14
tblVehicleEF	HHD	4.5000e-004	0.00
tblVehicleEF	HHD	0.09	0.00
tblVehicleEF	HHD	0.05	0.01
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.3300e-004	0.00
tblVehicleEF	HHD	2.5700e-004	0.00
tblVehicleEF	HHD	5.8010e-003	0.00
tblVehicleEF	HHD	0.72	0.52
tblVehicleEF	HHD	1.6000e-004	0.00
tblVehicleEF	HHD	0.19	0.16
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tblVehicleEF	HHD	0.13	0.00
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tblVehicleEF	HHD	0.91	0.53
tblVehicleEF	HHD	3.25	0.00
tblVehicleEF	HHD	4,245.74	1,085.49
tblVehicleEF	HHD	1,632.59	1,521.61
tblVehicleEF	HHD	8.73	0.00
tblVehicleEF	HHD	20.45	6.15

tblVehicleEF	HHD	4.06	4.19
tblVehicleEF	HHD	19.85	1.90
tblVehicleEF	HHD	0.02	9.5800e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	1.0100e-004	0.00
tblVehicleEF	HHD	0.02	9.1660e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8040e-003	8.8580e-003
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	9.2000e-005	0.00
tblVehicleEF	HHD	3.2000e-005	0.00
tblVehicleEF	HHD	5.5160e-003	0.00
tblVehicleEF	HHD	0.71	0.41
tblVehicleEF	HHD	2.3000e-005	0.00
tblVehicleEF	HHD	0.14	0.14
tblVehicleEF	HHD	4.9700e-004	0.00
tblVehicleEF	HHD	0.11	0.00
tblVehicleEF	HHD	0.04	0.01
tblVehicleEF	HHD	0.02	0.01
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tblVehicleEF	HHD	3.2000e-005	0.00
tblVehicleEF	HHD	5.5160e-003	0.00
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tblVehicleEF	HHD	0.19	0.16

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tblVehicleEF	LDA	0.09	0.00
tblVehicleEF	LDA	1.8160e-003	8.3640e-003
tblVehicleEF	LDA	2.3520e-003	0.00
tblVehicleEF	LDA	1.6750e-003	8.0020e-003
tblVehicleEF	LDA	2.1630e-003	0.00
tblVehicleEF	LDA	0.03	3.4910e-003
tblVehicleEF	LDA	0.11	4.8880e-003
tblVehicleEF	LDA	0.03	1.0760e-003
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	0.09	0.00
tblVehicleEF	LDA	2.6160e-003	2.0110e-003
tblVehicleEF	LDA	6.1800e-004	0.00
tblVehicleEF	LDA	0.03	3.4910e-003
tblVehicleEF	LDA	0.11	4.8880e-003
tblVehicleEF	LDA	0.03	1.0760e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.00

tblVehicleEF	LDA	0.10	0.00
tblVehicleEF	LDA	5.0850e-003	7.3300e-004
tblVehicleEF	LDA	5.4730e-003	0.00
tblVehicleEF	LDA	0.72	0.22
tblVehicleEF	LDA	1.08	0.00
tblVehicleEF	LDA	285.72	212.77
tblVehicleEF	LDA	59.37	0.00
tblVehicleEF	LDA	0.05	0.09
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	1.8160e-003	8.3640e-003
tblVehicleEF	LDA	2.3520e-003	0.00
tblVehicleEF	LDA	1.6750e-003	8.0020e-003
tblVehicleEF	LDA	2.1630e-003	0.00
tblVehicleEF	LDA	0.09	0.01
tblVehicleEF	LDA	0.13	4.8880e-003
tblVehicleEF	LDA	0.07	5.6030e-003
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	0.07	0.00
tblVehicleEF	LDA	2.8630e-003	2.0110e-003
tblVehicleEF	LDA	6.1200e-004	0.00
tblVehicleEF	LDA	0.09	0.01
tblVehicleEF	LDA	0.13	4.8880e-003
tblVehicleEF	LDA	0.07	5.6030e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	0.08	0.00

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tblVehicleEF	LDA	1.68	0.00
tblVehicleEF	LDA	257.92	212.77
tblVehicleEF	LDA	59.37	0.00
tblVehicleEF	LDA	0.06	0.10
tblVehicleEF	LDA	0.10	0.00
tblVehicleEF	LDA	1.8160e-003	8.3640e-003
tblVehicleEF	LDA	2.3520e-003	0.00
tblVehicleEF	LDA	1.6750e-003	8.0020e-003
tblVehicleEF	LDA	2.1630e-003	0.00
tblVehicleEF	LDA	0.01	1.5600e-004
tblVehicleEF	LDA	0.12	4.8880e-003
tblVehicleEF	LDA	0.01	1.8000e-005
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.05	0.00
tblVehicleEF	LDA	0.11	0.00
tblVehicleEF	LDA	2.5830e-003	2.0110e-003
tblVehicleEF	LDA	6.2200e-004	0.00
tblVehicleEF	LDA	0.01	1.5600e-004
tblVehicleEF	LDA	0.12	4.8880e-003
tblVehicleEF	LDA	0.01	1.8000e-005
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.05	0.00
tblVehicleEF	LDA	0.12	0.00
tblVehicleEF	LDT1	9.8120e-003	6.2480e-003

tblVehicleEF	LDT1	0.02	0.00
tblVehicleEF	LDT1	1.19	0.90
tblVehicleEF	LDT1	3.22	0.00
tblVehicleEF	LDT1	320.68	290.83
tblVehicleEF	LDT1	73.07	0.00
tblVehicleEF	LDT1	0.12	0.83
tblVehicleEF	LDT1	0.18	0.00
tblVehicleEF	LDT1	2.3560e-003	0.10
tblVehicleEF	LDT1	3.2880e-003	0.00
tblVehicleEF	LDT1	2.1690e-003	0.10
tblVehicleEF	LDT1	3.0240e-003	0.00
tblVehicleEF	LDT1	0.10	1.6100e-003
tblVehicleEF	LDT1	0.27	1.6130e-003
tblVehicleEF	LDT1	0.08	4.9600e-004
tblVehicleEF	LDT1	0.02	0.13
tblVehicleEF	LDT1	0.17	0.00
tblVehicleEF	LDT1	0.22	0.00
tblVehicleEF	LDT1	3.2200e-003	2.7490e-003
tblVehicleEF	LDT1	7.8700e-004	0.00
tblVehicleEF	LDT1	0.10	1.6100e-003
tblVehicleEF	LDT1	0.27	1.6130e-003
tblVehicleEF	LDT1	0.08	4.9600e-004
tblVehicleEF	LDT1	0.04	0.15
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tblVehicleEF	LDT1	0.01	6.2480e-003
tblVehicleEF	LDT1	0.01	0.00

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tblVehicleEF	LDT1	2.44	0.00
tblVehicleEF	LDT1	349.48	290.83
tblVehicleEF	LDT1	73.07	0.00
tblVehicleEF	LDT1	0.11	0.80
tblVehicleEF	LDT1	0.16	0.00
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tblVehicleEF	LDT1	3.2880e-003	0.00
tblVehicleEF	LDT1	2.1690e-003	0.10
tblVehicleEF	LDT1	3.0240e-003	0.00
tblVehicleEF	LDT1	0.26	5.4250e-003
tblVehicleEF	LDT1	0.32	1.6130e-003
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tblVehicleEF	LDT1	0.03	0.13
tblVehicleEF	LDT1	0.16	0.00
tblVehicleEF	LDT1	0.18	0.00
tblVehicleEF	LDT1	3.5120e-003	2.7490e-003
tblVehicleEF	LDT1	7.7300e-004	0.00
tblVehicleEF	LDT1	0.26	5.4250e-003
tblVehicleEF	LDT1	0.32	1.6130e-003
tblVehicleEF	LDT1	0.20	2.5840e-003
tblVehicleEF	LDT1	0.04	0.15
tblVehicleEF	LDT1	0.16	0.00
tblVehicleEF	LDT1	0.19	0.00
tblVehicleEF	LDT1	9.6250e-003	6.2480e-003
tblVehicleEF	LDT1	0.02	0.00
tblVehicleEF	LDT1	1.17	0.90

tblVehicleEF	LDT1	3.85	0.00
tblVehicleEF	LDT1	316.73	290.83
tblVehicleEF	LDT1	73.07	0.00
tblVehicleEF	LDT1	0.14	0.84
tblVehicleEF	LDT1	0.20	0.00
tblVehicleEF	LDT1	2.3560e-003	0.10
tblVehicleEF	LDT1	3.2880e-003	0.00
tblVehicleEF	LDT1	2.1690e-003	0.10
tblVehicleEF	LDT1	3.0240e-003	0.00
tblVehicleEF	LDT1	0.03	7.2000e-005
tblVehicleEF	LDT1	0.29	1.6130e-003
tblVehicleEF	LDT1	0.04	8.0000e-006
tblVehicleEF	LDT1	0.02	0.13
tblVehicleEF	LDT1	0.21	0.00
tblVehicleEF	LDT1	0.25	0.00
tblVehicleEF	LDT1	3.1810e-003	2.7490e-003
tblVehicleEF	LDT1	7.9800e-004	0.00
tblVehicleEF	LDT1	0.03	7.2000e-005
tblVehicleEF	LDT1	0.29	1.6130e-003
tblVehicleEF	LDT1	0.04	8.0000e-006
tblVehicleEF	LDT1	0.03	0.15
tblVehicleEF	LDT1	0.21	0.00
tblVehicleEF	LDT1	0.28	0.00
tblVehicleEF	LDT2	5.6980e-003	4.2800e-004
tblVehicleEF	LDT2	8.2790e-003	0.00
tblVehicleEF	LDT2	0.73	0.08
tblVehicleEF	LDT2	1.75	0.00

tblVehicleEF	LDT2	363.01	195.34
tblVehicleEF	LDT2	82.83	0.00
tblVehicleEF	LDT2	0.08	0.03
tblVehicleEF	LDT2	0.14	0.00
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tblVehicleEF	LDT2	2.2320e-003	0.00
tblVehicleEF	LDT2	1.5200e-003	3.1280e-003
tblVehicleEF	LDT2	2.0520e-003	0.00
tblVehicleEF	LDT2	0.04	1.0990e-003
tblVehicleEF	LDT2	0.12	1.6130e-003
tblVehicleEF	LDT2	0.04	3.3900e-004
tblVehicleEF	LDT2	0.01	9.2210e-003
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.11	0.00
tblVehicleEF	LDT2	3.6350e-003	1.8470e-003
tblVehicleEF	LDT2	8.5800e-004	0.00
tblVehicleEF	LDT2	0.04	1.0990e-003
tblVehicleEF	LDT2	0.12	1.6130e-003
tblVehicleEF	LDT2	0.04	3.3900e-004
tblVehicleEF	LDT2	0.02	0.01
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.12	0.00
tblVehicleEF	LDT2	6.4560e-003	4.2800e-004
tblVehicleEF	LDT2	6.6650e-003	0.00
tblVehicleEF	LDT2	0.89	0.08
tblVehicleEF	LDT2	1.34	0.00
tblVehicleEF	LDT2	396.24	195.34

tblVehicleEF	LDT2	82.83	0.00
tblVehicleEF	LDT2	0.07	0.03
tblVehicleEF	LDT2	0.13	0.00
tblVehicleEF	LDT2	1.6520e-003	3.2700e-003
tblVehicleEF	LDT2	2.2320e-003	0.00
tblVehicleEF	LDT2	1.5200e-003	3.1280e-003
tblVehicleEF	LDT2	2.0520e-003	0.00
tblVehicleEF	LDT2	0.11	3.7020e-003
tblVehicleEF	LDT2	0.14	1.6130e-003
tblVehicleEF	LDT2	0.10	1.7630e-003
tblVehicleEF	LDT2	0.02	9.2210e-003
tblVehicleEF	LDT2	0.06	0.00
tblVehicleEF	LDT2	0.09	0.00
tblVehicleEF	LDT2	3.9690e-003	1.8470e-003
tblVehicleEF	LDT2	8.5100e-004	0.00
tblVehicleEF	LDT2	0.11	3.7020e-003
tblVehicleEF	LDT2	0.14	1.6130e-003
tblVehicleEF	LDT2	0.10	1.7630e-003
tblVehicleEF	LDT2	0.02	0.01
tblVehicleEF	LDT2	0.06	0.00
tblVehicleEF	LDT2	0.10	0.00
tblVehicleEF	LDT2	5.5380e-003	4.2800e-004
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tblVehicleEF	LDT2	0.72	0.08
tblVehicleEF	LDT2	2.08	0.00
tblVehicleEF	LDT2	358.46	195.34
tblVehicleEF	LDT2	82.83	0.00

tblVehicleEF	LDT2	0.09	0.03
tblVehicleEF	LDT2	0.16	0.00
tblVehicleEF	LDT2	1.6520e-003	3.2700e-003
tblVehicleEF	LDT2	2.2320e-003	0.00
tblVehicleEF	LDT2	1.5200e-003	3.1280e-003
tblVehicleEF	LDT2	2.0520e-003	0.00
tblVehicleEF	LDT2	0.02	4.9000e-005
tblVehicleEF	LDT2	0.12	1.6130e-003
tblVehicleEF	LDT2	0.02	6.0000e-006
tblVehicleEF	LDT2	0.01	9.2210e-003
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	0.13	0.00
tblVehicleEF	LDT2	3.5900e-003	1.8470e-003
tblVehicleEF	LDT2	8.6400e-004	0.00
tblVehicleEF	LDT2	0.02	4.9000e-005
tblVehicleEF	LDT2	0.12	1.6130e-003
tblVehicleEF	LDT2	0.02	6.0000e-006
tblVehicleEF	LDT2	0.02	0.01
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	0.14	0.00
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tblVehicleEF	LHD1	0.02	7.0850e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.15	0.12
tblVehicleEF	LHD1	1.21	0.65
tblVehicleEF	LHD1	2.72	0.73
tblVehicleEF	LHD1	9.17	6.24

tblVehicleEF	LHD1	702.13	543.91
tblVehicleEF	LHD1	31.58	7.66
tblVehicleEF	LHD1	0.08	0.05
tblVehicleEF	LHD1	1.75	0.86
tblVehicleEF	LHD1	1.05	0.23
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tblVehicleEF	LHD1	0.01	9.8450e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	9.7400e-004	1.7300e-004
tblVehicleEF	LHD1	9.1700e-004	5.7800e-004
tblVehicleEF	LHD1	2.5180e-003	2.4610e-003
tblVehicleEF	LHD1	0.02	9.5570e-003
tblVehicleEF	LHD1	8.9500e-004	1.5900e-004
tblVehicleEF	LHD1	2.4200e-003	2.1770e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	1.3460e-003	1.1640e-003
tblVehicleEF	LHD1	0.14	0.08
tblVehicleEF	LHD1	0.32	0.58
tblVehicleEF	LHD1	0.28	0.06
tblVehicleEF	LHD1	9.2000e-005	6.0000e-005
tblVehicleEF	LHD1	6.8930e-003	5.3050e-003
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tblVehicleEF	LHD1	2.4200e-003	2.1770e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.3460e-003	1.1640e-003

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tblVehicleEF	LHD1	0.32	0.58
tblVehicleEF	LHD1	0.31	0.06
tblVehicleEF	LHD1	5.5840e-003	3.4560e-003
tblVehicleEF	LHD1	0.02	7.2770e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.15	0.12
tblVehicleEF	LHD1	1.24	0.66
tblVehicleEF	LHD1	2.48	0.67
tblVehicleEF	LHD1	9.17	6.24
tblVehicleEF	LHD1	702.13	543.94
tblVehicleEF	LHD1	31.58	7.55
tblVehicleEF	LHD1	0.08	0.05
tblVehicleEF	LHD1	1.67	0.82
tblVehicleEF	LHD1	0.97	0.21
tblVehicleEF	LHD1	9.5800e-004	6.0400e-004
tblVehicleEF	LHD1	0.01	9.8450e-003
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tblVehicleEF	LHD1	2.5180e-003	2.4610e-003
tblVehicleEF	LHD1	0.02	9.5570e-003
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tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	3.1590e-003	2.6840e-003

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tblVehicleEF	LHD1	0.26	0.05
tblVehicleEF	LHD1	9.2000e-005	6.0000e-005
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tblVehicleEF	LHD1	6.2180e-003	5.3500e-003
tblVehicleEF	LHD1	0.12	0.09
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.1590e-003	2.6840e-003
tblVehicleEF	LHD1	0.18	0.10
tblVehicleEF	LHD1	0.31	0.56
tblVehicleEF	LHD1	0.29	0.06
tblVehicleEF	LHD1	5.5840e-003	3.4360e-003
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tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.15	0.12
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tblVehicleEF	LHD1	702.13	543.88
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tblVehicleEF	LHD1	1.12	0.24
tblVehicleEF	LHD1	9.5800e-004	6.0400e-004
tblVehicleEF	LHD1	0.01	9.8450e-003

tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	9.7400e-004	1.7300e-004
tblVehicleEF	LHD1	9.1700e-004	5.7800e-004
tblVehicleEF	LHD1	2.5180e-003	2.4610e-003
tblVehicleEF	LHD1	0.02	9.5570e-003
tblVehicleEF	LHD1	8.9500e-004	1.5900e-004
tblVehicleEF	LHD1	8.2200e-004	8.4500e-004
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tblVehicleEF	LHD1	0.02	0.01
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tblVehicleEF	LHD1	0.35	0.64
tblVehicleEF	LHD1	0.30	0.06
tblVehicleEF	LHD1	9.2000e-005	6.0000e-005
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tblVehicleEF	LHD1	8.2200e-004	8.4500e-004
tblVehicleEF	LHD1	0.11	0.09
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	5.8600e-004	5.3100e-004
tblVehicleEF	LHD1	0.17	0.09
tblVehicleEF	LHD1	0.35	0.64
tblVehicleEF	LHD1	0.33	0.07
tblVehicleEF	LHD2	3.6040e-003	2.1200e-003
tblVehicleEF	LHD2	8.9780e-003	5.4850e-003
tblVehicleEF	LHD2	8.1100e-003	6.0950e-003
tblVehicleEF	LHD2	0.12	0.09

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tblVehicleEF	LHD2	14.39	9.83
tblVehicleEF	LHD2	719.22	528.91
tblVehicleEF	LHD2	23.45	5.05
tblVehicleEF	LHD2	0.12	0.08
tblVehicleEF	LHD2	1.20	0.91
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tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.01
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tblVehicleEF	LHD2	2.6970e-003	2.7030e-003
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	3.7600e-004	7.8000e-005
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tblVehicleEF	LHD2	0.07	0.28
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tblVehicleEF	LHD2	6.9910e-003	5.1030e-003
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tblVehicleEF	LHD2	0.02	0.01
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tblVehicleEF	LHD2	0.14	0.10
tblVehicleEF	LHD2	0.07	0.28
tblVehicleEF	LHD2	0.12	0.03
tblVehicleEF	LHD2	3.6040e-003	2.1270e-003
tblVehicleEF	LHD2	9.1310e-003	5.5580e-003
tblVehicleEF	LHD2	7.5990e-003	5.7130e-003
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tblVehicleEF	LHD2	1.12	0.38
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tblVehicleEF	LHD2	719.22	528.92
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tblVehicleEF	LHD2	1.3480e-003	9.7000e-004
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	4.0900e-004	8.5000e-005
tblVehicleEF	LHD2	1.2900e-003	9.2800e-004
tblVehicleEF	LHD2	2.6970e-003	2.7030e-003
tblVehicleEF	LHD2	0.02	0.01
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tblVehicleEF	LHD2	2.0080e-003	2.7790e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	1.0820e-003	1.3770e-003
tblVehicleEF	LHD2	0.14	0.10
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tblVehicleEF	LHD2	0.11	0.03
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tblVehicleEF	LHD2	1.3480e-003	9.7000e-004
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	4.0900e-004	8.5000e-005
tblVehicleEF	LHD2	1.2900e-003	9.2800e-004
tblVehicleEF	LHD2	2.6970e-003	2.7030e-003
tblVehicleEF	LHD2	0.02	0.01
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tblVehicleEF	LHD2	2.0600e-004	3.2700e-004
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tblVehicleEF	LHD2	0.08	0.31
tblVehicleEF	LHD2	0.12	0.03
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tblVehicleEF	LHD2	6.9910e-003	5.1020e-003
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tblVehicleEF	LHD2	2.8500e-004	6.1600e-004
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tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	2.0600e-004	3.2700e-004
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tblVehicleEF	LHD2	0.13	0.04
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tblVehicleEF	MCY	1.8910e-003	0.00
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tblVehicleEF	MDV	0.01	3.6600e-004
tblVehicleEF	MDV	0.02	0.00
tblVehicleEF	MDV	1.31	0.13
tblVehicleEF	MDV	3.58	0.00
tblVehicleEF	MDV	490.73	257.94
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tblVehicleEF	MDV	0.33	0.00
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tblVehicleEF	MDV	2.5330e-003	0.00
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tblVehicleEF	MDV	0.06	1.1110e-003
tblVehicleEF	MDV	0.19	1.6130e-003
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tblVehicleEF	MDV	0.11	0.00
tblVehicleEF	MDV	0.28	0.00
tblVehicleEF	MDV	4.9170e-003	2.4380e-003

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tblVehicleEF	MDV	0.06	1.1110e-003
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tblVehicleEF	MDV	0.07	3.4200e-004
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tblVehicleEF	MDV	0.11	0.00
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tblVehicleEF	MDV	1.8190e-003	3.5980e-003
tblVehicleEF	MDV	2.5330e-003	0.00
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tblVehicleEF	MDV	0.22	0.00
tblVehicleEF	MDV	5.3560e-003	2.4380e-003
tblVehicleEF	MDV	1.1510e-003	0.00

tblVehicleEF	MDV	0.16	3.7430e-003
tblVehicleEF	MDV	0.22	1.6130e-003
tblVehicleEF	MDV	0.15	1.7830e-003
tblVehicleEF	MDV	0.05	8.9730e-003
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.25	0.00
tblVehicleEF	MDV	0.01	3.6600e-004
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tblVehicleEF	MDV	484.74	257.94
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tblVehicleEF	MDV	0.18	0.04
tblVehicleEF	MDV	0.36	0.00
tblVehicleEF	MDV	1.8190e-003	3.5980e-003
tblVehicleEF	MDV	2.5330e-003	0.00
tblVehicleEF	MDV	1.6780e-003	3.4420e-003
tblVehicleEF	MDV	2.3310e-003	0.00
tblVehicleEF	MDV	0.02	5.0000e-005
tblVehicleEF	MDV	0.20	1.6130e-003
tblVehicleEF	MDV	0.03	6.0000e-006
tblVehicleEF	MDV	0.03	7.8820e-003
tblVehicleEF	MDV	0.13	0.00
tblVehicleEF	MDV	0.32	0.00
tblVehicleEF	MDV	4.8570e-003	2.4380e-003
tblVehicleEF	MDV	1.1780e-003	0.00
tblVehicleEF	MDV	0.02	5.0000e-005

tblVehicleEF	MDV	0.20	1.6130e-003
tblVehicleEF	MDV	0.03	6.0000e-006
tblVehicleEF	MDV	0.05	8.9730e-003
tblVehicleEF	MDV	0.13	0.00
tblVehicleEF	MDV	0.35	0.00
tblVehicleEF	MH	0.04	3.7890e-003
tblVehicleEF	MH	0.03	0.00
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tblVehicleEF	MH	59.14	0.00
tblVehicleEF	MH	1.62	3.21
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tblVehicleEF	MH	0.03	0.08
tblVehicleEF	MH	1.1470e-003	0.00
tblVehicleEF	MH	3.2250e-003	4.0000e-003
tblVehicleEF	MH	0.03	0.08
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tblVehicleEF	MH	0.85	0.05
tblVehicleEF	MH	0.08	1.6130e-003
tblVehicleEF	MH	0.32	0.02
tblVehicleEF	MH	0.11	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.36	0.00
tblVehicleEF	MH	0.01	6.6030e-003
tblVehicleEF	MH	6.9900e-004	0.00

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tblVehicleEF	MH	0.08	1.6130e-003
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tblVehicleEF	MH	0.16	0.09
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tblVehicleEF	MH	1.1470e-003	0.00
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tblVehicleEF	MHD	0.05	1.6130e-003

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tblVehicleEF	SBUS	2.27	0.51
tblVehicleEF	SBUS	0.42	0.12

tblVehicleEF	SBUS	1.53	0.00
tblVehicleEF	SBUS	1,353.02	200.19
tblVehicleEF	SBUS	1,256.67	710.64
tblVehicleEF	SBUS	8.75	0.00
tblVehicleEF	SBUS	15.24	1.74
tblVehicleEF	SBUS	6.20	2.55
tblVehicleEF	SBUS	19.48	0.92
tblVehicleEF	SBUS	0.02	1.7300e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.3800e-004	0.00
tblVehicleEF	SBUS	0.02	1.6550e-003
tblVehicleEF	SBUS	2.9420e-003	3.0000e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.2600e-004	0.00
tblVehicleEF	SBUS	1.3500e-004	2.1000e-005
tblVehicleEF	SBUS	3.5060e-003	1.6130e-003
tblVehicleEF	SBUS	0.24	0.02
tblVehicleEF	SBUS	7.2000e-005	2.0000e-006
tblVehicleEF	SBUS	0.12	0.04
tblVehicleEF	SBUS	1.9820e-003	0.00
tblVehicleEF	SBUS	0.07	0.00
tblVehicleEF	SBUS	0.01	1.8910e-003
tblVehicleEF	SBUS	0.01	6.7140e-003
tblVehicleEF	SBUS	1.1400e-004	0.00
tblVehicleEF	SBUS	1.3500e-004	2.1000e-005
tblVehicleEF	SBUS	3.5060e-003	1.6130e-003

tblVehicleEF	SBUS	0.33	0.02
tblVehicleEF	SBUS	7.2000e-005	2.0000e-006
tblVehicleEF	SBUS	0.14	0.04
tblVehicleEF	SBUS	1.9820e-003	0.00
tblVehicleEF	SBUS	0.08	0.00
tblVehicleEF	UBUS	0.23	0.11
tblVehicleEF	UBUS	0.07	0.00
tblVehicleEF	UBUS	4.48	0.18
tblVehicleEF	UBUS	12.37	0.00
tblVehicleEF	UBUS	1,992.71	1,132.73
tblVehicleEF	UBUS	151.45	0.00
tblVehicleEF	UBUS	7.13	1.59
tblVehicleEF	UBUS	12.36	0.00
tblVehicleEF	UBUS	0.49	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.14	4.7070e-003
tblVehicleEF	UBUS	1.1770e-003	0.00
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.7350e-003
tblVehicleEF	UBUS	0.13	4.5040e-003
tblVehicleEF	UBUS	1.0820e-003	0.00
tblVehicleEF	UBUS	4.7870e-003	5.3920e-003
tblVehicleEF	UBUS	0.09	1.6130e-003
tblVehicleEF	UBUS	2.5280e-003	4.1600e-004
tblVehicleEF	UBUS	0.48	1.5460e-003
tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	1.00	0.00

tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	1.7390e-003	0.00
tblVehicleEF	UBUS	4.7870e-003	5.3920e-003
tblVehicleEF	UBUS	0.09	1.6130e-003
tblVehicleEF	UBUS	2.5280e-003	4.1600e-004
tblVehicleEF	UBUS	0.75	0.11
tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	1.09	0.00
tblVehicleEF	UBUS	0.24	0.11
tblVehicleEF	UBUS	0.06	0.00
tblVehicleEF	UBUS	4.56	0.18
tblVehicleEF	UBUS	9.65	0.00
tblVehicleEF	UBUS	1,992.71	1,132.73
tblVehicleEF	UBUS	151.45	0.00
tblVehicleEF	UBUS	6.83	1.59
tblVehicleEF	UBUS	12.22	0.00
tblVehicleEF	UBUS	0.49	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.14	4.7070e-003
tblVehicleEF	UBUS	1.1770e-003	0.00
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.7350e-003
tblVehicleEF	UBUS	0.13	4.5040e-003
tblVehicleEF	UBUS	1.0820e-003	0.00
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.11	1.6130e-003
tblVehicleEF	UBUS	5.9530e-003	2.1640e-003

tblVehicleEF	UBUS	0.49	1.5460e-003
tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	0.86	0.00
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	1.6920e-003	0.00
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.11	1.6130e-003
tblVehicleEF	UBUS	5.9530e-003	2.1640e-003
tblVehicleEF	UBUS	0.76	0.11
tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	0.94	0.00
tblVehicleEF	UBUS	0.23	0.11
tblVehicleEF	UBUS	0.08	0.00
tblVehicleEF	UBUS	4.42	0.18
tblVehicleEF	UBUS	14.83	0.00
tblVehicleEF	UBUS	1,992.71	1,132.73
tblVehicleEF	UBUS	151.45	0.00
tblVehicleEF	UBUS	7.26	1.59
tblVehicleEF	UBUS	12.47	0.00
tblVehicleEF	UBUS	0.49	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.14	4.7070e-003
tblVehicleEF	UBUS	1.1770e-003	0.00
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.7350e-003
tblVehicleEF	UBUS	0.13	4.5040e-003
tblVehicleEF	UBUS	1.0820e-003	0.00

tblVehicleEF	UBUS	1.6710e-003	2.4000e-004
tblVehicleEF	UBUS	0.10	1.6130e-003
tblVehicleEF	UBUS	1.1170e-003	7.0000e-006
tblVehicleEF	UBUS	0.47	1.5460e-003
tblVehicleEF	UBUS	0.03	0.00
tblVehicleEF	UBUS	1.12	0.00
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	1.7810e-003	0.00
tblVehicleEF	UBUS	1.6710e-003	2.4000e-004
tblVehicleEF	UBUS	0.10	1.6130e-003
tblVehicleEF	UBUS	1.1170e-003	7.0000e-006
tblVehicleEF	UBUS	0.74	0.11
tblVehicleEF	UBUS	0.03	0.00
tblVehicleEF	UBUS	1.22	0.00
tblVehicleTrips	CC_TTP	28.00	0.00
tblVehicleTrips	CNW_TTP	13.00	0.00
tblVehicleTrips	CW_TL	9.50	20.53
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PR_TP	79.00	100.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	2.49	2.97
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	0.73	2.97
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	6.83	2.97

tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	IndoorWaterUseRate	3,293,406.35	0.00
tblWater	IndoorWaterUseRate	38,262,625.00	0.00
tblWater	OutdoorWaterUseRate	2,018,539.38	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.4493	3.5696	2.6382	0.0213	1.5294	0.0435	1.5728	0.4345	0.0415	0.4759	0.0000	1,987.3956	1,987.3956	0.0270	0.0000	1,988.0713
Unmitigated	0.4493	3.5696	2.6382	0.0213	1.5294	0.0435	1.5728	0.4345	0.0415	0.4759	0.0000	1,987.3956	1,987.3956	0.0270	0.0000	1,988.0713

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Industrial Park	492.01	492.01	492.01	3,676,765	3,676,765
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	492.01	492.01	492.01	3,676,765	3,676,765

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Industrial Park	20.53	7.30	7.30	100.00	0.00	0.00	100	0	0
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.582298	0.039109	0.186022	0.123408	0.017184	0.005083	0.010615	0.023794	0.001605	0.001810	0.005454	0.002746	0.000871
Industrial Park	0.000000	0.000000	0.000000	0.000000	0.771725	0.228275	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Other Asphalt Surfaces	0.582298	0.039109	0.186022	0.123408	0.017184	0.005083	0.010615	0.023794	0.001605	0.001810	0.005454	0.002746	0.000871
Other Non-Asphalt Surfaces	0.582298	0.039109	0.186022	0.123408	0.017184	0.005083	0.010615	0.023794	0.001605	0.001810	0.005454	0.002746	0.000871
Parking Lot	0.582298	0.039109	0.186022	0.123408	0.017184	0.005083	0.010615	0.023794	0.001605	0.001810	0.005454	0.002746	0.000871

Scenario 4: HHDT_2021

Contra Costa County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	18.53	1000sqft	0.43	18,529.00	0
Industrial Park	165.46	1000sqft	3.80	165,456.00	0
Other Asphalt Surfaces	14.73	Acre	14.73	641,537.00	0
Other Non-Asphalt Surfaces	3.19	Acre	3.19	0.00	0
Parking Lot	9.74	Acre	9.74	424,302.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	5			**Operational Year**	2021
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	206.29	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See assumptions file.

Land Use - See assumptions file.

Construction Phase -

Vehicle Trips - See assumptions file.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Area Coating - For mobile source emissions only.

Energy Use - For mobile source emissions only.

Water And Wastewater - For mobile source emissions only.

Solid Waste - For mobile source emissions only.

Energy Mitigation -

Water Mitigation -

Fleet Mix - See assumptions file.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	91993	0
tblAreaCoating	Area_Nonresidential_Interior	275978	0
tblAreaCoating	Area_Parking	63950	0
tblEnergyUse	LightingElect	3.58	0.00
tblEnergyUse	LightingElect	3.58	0.00
tblEnergyUse	NT24E	4.80	0.00
tblEnergyUse	NT24E	4.80	0.00
tblEnergyUse	NT24NG	1.01	0.00
tblEnergyUse	NT24NG	1.01	0.00
tblEnergyUse	T24E	4.10	0.00
tblEnergyUse	T24E	4.10	0.00
tblEnergyUse	T24NG	18.32	0.00
tblEnergyUse	T24NG	18.32	0.00

tblFleetMix	HHD	0.02	1.00
tblFleetMix	LDA	0.58	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	5.0830e-003	0.00
tblFleetMix	MCY	5.4540e-003	0.00
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MH	8.7100e-004	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	1.6050e-003	0.00
tblFleetMix	SBUS	2.7460e-003	0.00
tblFleetMix	UBUS	1.8100e-003	0.00
tblLandUse	LandUseSquareFeet	18,530.00	18,529.00
tblLandUse	LandUseSquareFeet	165,460.00	165,456.00
tblLandUse	LandUseSquareFeet	641,638.80	641,537.00
tblLandUse	LandUseSquareFeet	138,956.40	0.00
tblLandUse	LandUseSquareFeet	424,274.40	424,302.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	206.29
tblSolidWaste	SolidWasteGenerationRate	17.23	0.00
tblSolidWaste	SolidWasteGenerationRate	205.17	0.00
tblVehicleEF	HHD	0.62	0.02
tblVehicleEF	HHD	0.05	6.4620e-003
tblVehicleEF	HHD	0.12	0.00
tblVehicleEF	HHD	2.56	5.60
tblVehicleEF	HHD	0.92	0.53
tblVehicleEF	HHD	2.99	0.00

tblVehicleEF	HHD	4,622.54	1,082.60
tblVehicleEF	HHD	1,632.59	1,521.61
tblVehicleEF	HHD	8.73	0.00
tblVehicleEF	HHD	21.39	5.94
tblVehicleEF	HHD	3.99	4.13
tblVehicleEF	HHD	19.83	1.90
tblVehicleEF	HHD	0.02	8.7350e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	1.0100e-004	0.00
tblVehicleEF	HHD	0.02	8.3570e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8040e-003	8.8580e-003
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	9.2000e-005	0.00
tblVehicleEF	HHD	9.3000e-005	0.00
tblVehicleEF	HHD	5.1840e-003	0.00
tblVehicleEF	HHD	0.66	0.44
tblVehicleEF	HHD	6.0000e-005	0.00
tblVehicleEF	HHD	0.14	0.14
tblVehicleEF	HHD	4.5200e-004	0.00
tblVehicleEF	HHD	0.10	0.00
tblVehicleEF	HHD	0.04	0.01
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.3700e-004	0.00
tblVehicleEF	HHD	9.3000e-005	0.00

tblVehicleEF	HHD	5.1840e-003	0.00
tblVehicleEF	HHD	0.76	0.50
tblVehicleEF	HHD	6.0000e-005	0.00
tblVehicleEF	HHD	0.19	0.16
tblVehicleEF	HHD	4.5200e-004	0.00
tblVehicleEF	HHD	0.11	0.00
tblVehicleEF	HHD	0.58	0.02
tblVehicleEF	HHD	0.05	6.4620e-003
tblVehicleEF	HHD	0.11	0.00
tblVehicleEF	HHD	1.87	5.47
tblVehicleEF	HHD	0.93	0.53
tblVehicleEF	HHD	2.72	0.00
tblVehicleEF	HHD	4,895.40	1,080.51
tblVehicleEF	HHD	1,632.59	1,521.61
tblVehicleEF	HHD	8.73	0.00
tblVehicleEF	HHD	22.07	5.78
tblVehicleEF	HHD	3.84	3.98
tblVehicleEF	HHD	19.81	1.90
tblVehicleEF	HHD	0.02	8.1220e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	1.0100e-004	0.00
tblVehicleEF	HHD	0.02	7.7710e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8040e-003	8.8580e-003
tblVehicleEF	HHD	0.02	0.06

tblVehicleEF	HHD	9.2000e-005	0.00
tblVehicleEF	HHD	2.5700e-004	0.00
tblVehicleEF	HHD	5.8010e-003	0.00
tblVehicleEF	HHD	0.62	0.46
tblVehicleEF	HHD	1.6000e-004	0.00
tblVehicleEF	HHD	0.14	0.14
tblVehicleEF	HHD	4.5000e-004	0.00
tblVehicleEF	HHD	0.09	0.00
tblVehicleEF	HHD	0.05	0.01
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.3300e-004	0.00
tblVehicleEF	HHD	2.5700e-004	0.00
tblVehicleEF	HHD	5.8010e-003	0.00
tblVehicleEF	HHD	0.72	0.52
tblVehicleEF	HHD	1.6000e-004	0.00
tblVehicleEF	HHD	0.19	0.16
tblVehicleEF	HHD	4.5000e-004	0.00
tblVehicleEF	HHD	0.10	0.00
tblVehicleEF	HHD	0.67	0.02
tblVehicleEF	HHD	0.04	6.4620e-003
tblVehicleEF	HHD	0.13	0.00
tblVehicleEF	HHD	3.52	5.79
tblVehicleEF	HHD	0.91	0.53
tblVehicleEF	HHD	3.25	0.00
tblVehicleEF	HHD	4,245.74	1,085.49
tblVehicleEF	HHD	1,632.59	1,521.61
tblVehicleEF	HHD	8.73	0.00

tblVehicleEF	HHD	20.45	6.15
tblVehicleEF	HHD	4.06	4.19
tblVehicleEF	HHD	19.85	1.90
tblVehicleEF	HHD	0.02	9.5800e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	1.0100e-004	0.00
tblVehicleEF	HHD	0.02	9.1660e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8040e-003	8.8580e-003
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	9.2000e-005	0.00
tblVehicleEF	HHD	3.2000e-005	0.00
tblVehicleEF	HHD	5.5160e-003	0.00
tblVehicleEF	HHD	0.71	0.41
tblVehicleEF	HHD	2.3000e-005	0.00
tblVehicleEF	HHD	0.14	0.14
tblVehicleEF	HHD	4.9700e-004	0.00
tblVehicleEF	HHD	0.11	0.00
tblVehicleEF	HHD	0.04	0.01
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.4200e-004	0.00
tblVehicleEF	HHD	3.2000e-005	0.00
tblVehicleEF	HHD	5.5160e-003	0.00
tblVehicleEF	HHD	0.82	0.47
tblVehicleEF	HHD	2.3000e-005	0.00

tblVehicleEF	HHD	0.19	0.16
tblVehicleEF	HHD	4.9700e-004	0.00
tblVehicleEF	HHD	0.12	0.00
tblVehicleEF	LDA	4.4820e-003	7.3300e-004
tblVehicleEF	LDA	6.8080e-003	0.00
tblVehicleEF	LDA	0.59	0.22
tblVehicleEF	LDA	1.41	0.00
tblVehicleEF	LDA	261.27	212.77
tblVehicleEF	LDA	59.37	0.00
tblVehicleEF	LDA	0.06	0.10
tblVehicleEF	LDA	0.09	0.00
tblVehicleEF	LDA	1.8160e-003	8.3640e-003
tblVehicleEF	LDA	2.3520e-003	0.00
tblVehicleEF	LDA	1.6750e-003	8.0020e-003
tblVehicleEF	LDA	2.1630e-003	0.00
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.11	0.00
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	0.09	0.00
tblVehicleEF	LDA	2.6160e-003	2.0110e-003
tblVehicleEF	LDA	6.1800e-004	0.00
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.11	0.00
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.02	0.02

tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	0.10	0.00
tblVehicleEF	LDA	5.0850e-003	7.3300e-004
tblVehicleEF	LDA	5.4730e-003	0.00
tblVehicleEF	LDA	0.72	0.22
tblVehicleEF	LDA	1.08	0.00
tblVehicleEF	LDA	285.72	212.77
tblVehicleEF	LDA	59.37	0.00
tblVehicleEF	LDA	0.05	0.09
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	1.8160e-003	8.3640e-003
tblVehicleEF	LDA	2.3520e-003	0.00
tblVehicleEF	LDA	1.6750e-003	8.0020e-003
tblVehicleEF	LDA	2.1630e-003	0.00
tblVehicleEF	LDA	0.09	0.00
tblVehicleEF	LDA	0.13	0.00
tblVehicleEF	LDA	0.07	0.00
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	0.07	0.00
tblVehicleEF	LDA	2.8630e-003	2.0110e-003
tblVehicleEF	LDA	6.1200e-004	0.00
tblVehicleEF	LDA	0.09	0.00
tblVehicleEF	LDA	0.13	0.00
tblVehicleEF	LDA	0.07	0.00
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.00

tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	4.3650e-003	7.3300e-004
tblVehicleEF	LDA	7.8030e-003	0.00
tblVehicleEF	LDA	0.58	0.22
tblVehicleEF	LDA	1.68	0.00
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tblVehicleEF	LDA	59.37	0.00
tblVehicleEF	LDA	0.06	0.10
tblVehicleEF	LDA	0.10	0.00
tblVehicleEF	LDA	1.8160e-003	8.3640e-003
tblVehicleEF	LDA	2.3520e-003	0.00
tblVehicleEF	LDA	1.6750e-003	8.0020e-003
tblVehicleEF	LDA	2.1630e-003	0.00
tblVehicleEF	LDA	0.01	0.00
tblVehicleEF	LDA	0.12	0.00
tblVehicleEF	LDA	0.01	0.00
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.05	0.00
tblVehicleEF	LDA	0.11	0.00
tblVehicleEF	LDA	2.5830e-003	2.0110e-003
tblVehicleEF	LDA	6.2200e-004	0.00
tblVehicleEF	LDA	0.01	0.00
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tblVehicleEF	LDA	0.01	0.00
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.05	0.00
tblVehicleEF	LDA	0.12	0.00

tblVehicleEF	LDT1	9.8120e-003	9.3260e-003
tblVehicleEF	LDT1	0.02	0.00
tblVehicleEF	LDT1	1.19	1.34
tblVehicleEF	LDT1	3.22	0.00
tblVehicleEF	LDT1	320.68	434.07
tblVehicleEF	LDT1	73.07	0.00
tblVehicleEF	LDT1	0.12	1.24
tblVehicleEF	LDT1	0.18	0.00
tblVehicleEF	LDT1	2.3560e-003	0.15
tblVehicleEF	LDT1	3.2880e-003	0.00
tblVehicleEF	LDT1	2.1690e-003	0.14
tblVehicleEF	LDT1	3.0240e-003	0.00
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	0.27	0.00
tblVehicleEF	LDT1	0.08	0.00
tblVehicleEF	LDT1	0.02	0.20
tblVehicleEF	LDT1	0.17	0.00
tblVehicleEF	LDT1	0.22	0.00
tblVehicleEF	LDT1	3.2200e-003	4.1040e-003
tblVehicleEF	LDT1	7.8700e-004	0.00
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	0.27	0.00
tblVehicleEF	LDT1	0.08	0.00
tblVehicleEF	LDT1	0.04	0.23
tblVehicleEF	LDT1	0.17	0.00
tblVehicleEF	LDT1	0.24	0.00
tblVehicleEF	LDT1	0.01	9.3260e-003

tblVehicleEF	LDT1	0.01	0.00
tblVehicleEF	LDT1	1.41	1.34
tblVehicleEF	LDT1	2.44	0.00
tblVehicleEF	LDT1	349.48	434.07
tblVehicleEF	LDT1	73.07	0.00
tblVehicleEF	LDT1	0.11	1.19
tblVehicleEF	LDT1	0.16	0.00
tblVehicleEF	LDT1	2.3560e-003	0.15
tblVehicleEF	LDT1	3.2880e-003	0.00
tblVehicleEF	LDT1	2.1690e-003	0.14
tblVehicleEF	LDT1	3.0240e-003	0.00
tblVehicleEF	LDT1	0.26	0.00
tblVehicleEF	LDT1	0.32	0.00
tblVehicleEF	LDT1	0.20	0.00
tblVehicleEF	LDT1	0.03	0.20
tblVehicleEF	LDT1	0.16	0.00
tblVehicleEF	LDT1	0.18	0.00
tblVehicleEF	LDT1	3.5120e-003	4.1040e-003
tblVehicleEF	LDT1	7.7300e-004	0.00
tblVehicleEF	LDT1	0.26	0.00
tblVehicleEF	LDT1	0.32	0.00
tblVehicleEF	LDT1	0.20	0.00
tblVehicleEF	LDT1	0.04	0.23
tblVehicleEF	LDT1	0.16	0.00
tblVehicleEF	LDT1	0.19	0.00
tblVehicleEF	LDT1	9.6250e-003	9.3260e-003
tblVehicleEF	LDT1	0.02	0.00

tblVehicleEF	LDT1	1.17	1.34
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tblVehicleEF	LDT1	73.07	0.00
tblVehicleEF	LDT1	0.14	1.26
tblVehicleEF	LDT1	0.20	0.00
tblVehicleEF	LDT1	2.3560e-003	0.15
tblVehicleEF	LDT1	3.2880e-003	0.00
tblVehicleEF	LDT1	2.1690e-003	0.14
tblVehicleEF	LDT1	3.0240e-003	0.00
tblVehicleEF	LDT1	0.03	0.00
tblVehicleEF	LDT1	0.29	0.00
tblVehicleEF	LDT1	0.04	0.00
tblVehicleEF	LDT1	0.02	0.20
tblVehicleEF	LDT1	0.21	0.00
tblVehicleEF	LDT1	0.25	0.00
tblVehicleEF	LDT1	3.1810e-003	4.1040e-003
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tblVehicleEF	LDT1	0.03	0.00
tblVehicleEF	LDT1	0.29	0.00
tblVehicleEF	LDT1	0.04	0.00
tblVehicleEF	LDT1	0.03	0.23
tblVehicleEF	LDT1	0.21	0.00
tblVehicleEF	LDT1	0.28	0.00
tblVehicleEF	LDT2	5.6980e-003	6.3900e-004
tblVehicleEF	LDT2	8.2790e-003	0.00
tblVehicleEF	LDT2	0.73	0.12

tblVehicleEF	LDT2	1.75	0.00
tblVehicleEF	LDT2	363.01	291.55
tblVehicleEF	LDT2	82.83	0.00
tblVehicleEF	LDT2	0.08	0.04
tblVehicleEF	LDT2	0.14	0.00
tblVehicleEF	LDT2	1.6520e-003	4.8800e-003
tblVehicleEF	LDT2	2.2320e-003	0.00
tblVehicleEF	LDT2	1.5200e-003	4.6690e-003
tblVehicleEF	LDT2	2.0520e-003	0.00
tblVehicleEF	LDT2	0.04	0.00
tblVehicleEF	LDT2	0.12	0.00
tblVehicleEF	LDT2	0.04	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.11	0.00
tblVehicleEF	LDT2	3.6350e-003	2.7560e-003
tblVehicleEF	LDT2	8.5800e-004	0.00
tblVehicleEF	LDT2	0.04	0.00
tblVehicleEF	LDT2	0.12	0.00
tblVehicleEF	LDT2	0.04	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.12	0.00
tblVehicleEF	LDT2	6.4560e-003	6.3900e-004
tblVehicleEF	LDT2	6.6650e-003	0.00
tblVehicleEF	LDT2	0.89	0.12
tblVehicleEF	LDT2	1.34	0.00

tblVehicleEF	LDT2	396.24	291.55
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tblVehicleEF	LDT2	0.07	0.04
tblVehicleEF	LDT2	0.13	0.00
tblVehicleEF	LDT2	1.6520e-003	4.8800e-003
tblVehicleEF	LDT2	2.2320e-003	0.00
tblVehicleEF	LDT2	1.5200e-003	4.6690e-003
tblVehicleEF	LDT2	2.0520e-003	0.00
tblVehicleEF	LDT2	0.11	0.00
tblVehicleEF	LDT2	0.14	0.00
tblVehicleEF	LDT2	0.10	0.00
tblVehicleEF	LDT2	0.02	0.01
tblVehicleEF	LDT2	0.06	0.00
tblVehicleEF	LDT2	0.09	0.00
tblVehicleEF	LDT2	3.9690e-003	2.7560e-003
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tblVehicleEF	LDT2	0.11	0.00
tblVehicleEF	LDT2	0.14	0.00
tblVehicleEF	LDT2	0.10	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.00
tblVehicleEF	LDT2	0.10	0.00
tblVehicleEF	LDT2	5.5380e-003	6.3900e-004
tblVehicleEF	LDT2	9.4710e-003	0.00
tblVehicleEF	LDT2	0.72	0.12
tblVehicleEF	LDT2	2.08	0.00
tblVehicleEF	LDT2	358.46	291.55

tblVehicleEF	LDT2	82.83	0.00
tblVehicleEF	LDT2	0.09	0.04
tblVehicleEF	LDT2	0.16	0.00
tblVehicleEF	LDT2	1.6520e-003	4.8800e-003
tblVehicleEF	LDT2	2.2320e-003	0.00
tblVehicleEF	LDT2	1.5200e-003	4.6690e-003
tblVehicleEF	LDT2	2.0520e-003	0.00
tblVehicleEF	LDT2	0.02	0.00
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tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	0.13	0.00
tblVehicleEF	LDT2	3.5900e-003	2.7560e-003
tblVehicleEF	LDT2	8.6400e-004	0.00
tblVehicleEF	LDT2	0.02	0.00
tblVehicleEF	LDT2	0.12	0.00
tblVehicleEF	LDT2	0.02	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	0.14	0.00
tblVehicleEF	LHD1	5.5840e-003	4.0500e-004
tblVehicleEF	LHD1	0.02	8.3790e-003
tblVehicleEF	LHD1	0.02	0.00
tblVehicleEF	LHD1	0.15	0.07
tblVehicleEF	LHD1	1.21	0.80
tblVehicleEF	LHD1	2.72	0.00

tblVehicleEF	LHD1	9.17	10.91
tblVehicleEF	LHD1	702.13	564.88
tblVehicleEF	LHD1	31.58	0.00
tblVehicleEF	LHD1	0.08	0.18
tblVehicleEF	LHD1	1.75	2.44
tblVehicleEF	LHD1	1.05	0.00
tblVehicleEF	LHD1	9.5800e-004	2.2230e-003
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tblVehicleEF	LHD1	0.02	0.03
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tblVehicleEF	LHD1	8.9500e-004	0.00
tblVehicleEF	LHD1	2.4200e-003	0.00
tblVehicleEF	LHD1	0.10	0.00
tblVehicleEF	LHD1	0.02	8.7260e-003
tblVehicleEF	LHD1	1.3460e-003	0.00
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	0.32	0.00
tblVehicleEF	LHD1	0.28	0.00
tblVehicleEF	LHD1	9.2000e-005	1.0300e-004
tblVehicleEF	LHD1	6.8930e-003	5.3400e-003
tblVehicleEF	LHD1	3.6700e-004	0.00
tblVehicleEF	LHD1	2.4200e-003	0.00
tblVehicleEF	LHD1	0.10	0.00
tblVehicleEF	LHD1	0.02	9.9340e-003

tblVehicleEF	LHD1	1.3460e-003	0.00
tblVehicleEF	LHD1	0.17	0.21
tblVehicleEF	LHD1	0.32	0.00
tblVehicleEF	LHD1	0.31	0.00
tblVehicleEF	LHD1	5.5840e-003	4.0500e-004
tblVehicleEF	LHD1	0.02	8.3790e-003
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tblVehicleEF	LHD1	9.5800e-004	2.2230e-003
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tblVehicleEF	LHD1	0.02	0.03
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tblVehicleEF	LHD1	2.5180e-003	3.0000e-003
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tblVehicleEF	LHD1	8.9500e-004	0.00
tblVehicleEF	LHD1	6.2180e-003	0.00
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tblVehicleEF	LHD1	0.02	8.7260e-003

tblVehicleEF	LHD1	3.1590e-003	0.00
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	0.31	0.00
tblVehicleEF	LHD1	0.26	0.00
tblVehicleEF	LHD1	9.2000e-005	1.0300e-004
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tblVehicleEF	LHD1	3.6300e-004	0.00
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tblVehicleEF	LHD1	0.02	9.9340e-003
tblVehicleEF	LHD1	3.1590e-003	0.00
tblVehicleEF	LHD1	0.18	0.21
tblVehicleEF	LHD1	0.31	0.00
tblVehicleEF	LHD1	0.29	0.00
tblVehicleEF	LHD1	5.5840e-003	4.0500e-004
tblVehicleEF	LHD1	0.02	8.3790e-003
tblVehicleEF	LHD1	0.02	0.00
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tblVehicleEF	LHD1	702.13	564.88
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tblVehicleEF	LHD1	1.12	0.00
tblVehicleEF	LHD1	9.5800e-004	2.2230e-003

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tblVehicleEF	LHD1	0.02	0.03
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tblVehicleEF	LHD1	2.5180e-003	3.0000e-003
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tblVehicleEF	LHD1	8.9500e-004	0.00
tblVehicleEF	LHD1	8.2200e-004	0.00
tblVehicleEF	LHD1	0.11	0.00
tblVehicleEF	LHD1	0.02	8.7260e-003
tblVehicleEF	LHD1	5.8600e-004	0.00
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	0.35	0.00
tblVehicleEF	LHD1	0.30	0.00
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tblVehicleEF	LHD1	0.11	0.00
tblVehicleEF	LHD1	0.02	9.9340e-003
tblVehicleEF	LHD1	5.8600e-004	0.00
tblVehicleEF	LHD1	0.17	0.21
tblVehicleEF	LHD1	0.35	0.00
tblVehicleEF	LHD1	0.33	0.00
tblVehicleEF	LHD2	3.6040e-003	4.0500e-004
tblVehicleEF	LHD2	8.9780e-003	7.5520e-003
tblVehicleEF	LHD2	8.1100e-003	0.00

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tblVehicleEF	LHD2	0.66	0.73
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tblVehicleEF	LHD2	719.22	631.04
tblVehicleEF	LHD2	23.45	0.00
tblVehicleEF	LHD2	0.12	0.18
tblVehicleEF	LHD2	1.20	1.83
tblVehicleEF	LHD2	0.50	0.00
tblVehicleEF	LHD2	1.3480e-003	2.2130e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	4.0900e-004	0.00
tblVehicleEF	LHD2	1.2900e-003	2.1170e-003
tblVehicleEF	LHD2	2.6970e-003	3.0000e-003
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tblVehicleEF	LHD2	3.7600e-004	0.00
tblVehicleEF	LHD2	7.8700e-004	0.00
tblVehicleEF	LHD2	0.03	0.00
tblVehicleEF	LHD2	0.01	8.7260e-003
tblVehicleEF	LHD2	4.6300e-004	0.00
tblVehicleEF	LHD2	0.12	0.16
tblVehicleEF	LHD2	0.07	0.00
tblVehicleEF	LHD2	0.11	0.00
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tblVehicleEF	LHD2	2.5700e-004	0.00

tblVehicleEF	LHD2	7.8700e-004	0.00
tblVehicleEF	LHD2	0.03	0.00
tblVehicleEF	LHD2	0.02	9.9340e-003
tblVehicleEF	LHD2	4.6300e-004	0.00
tblVehicleEF	LHD2	0.14	0.19
tblVehicleEF	LHD2	0.07	0.00
tblVehicleEF	LHD2	0.12	0.00
tblVehicleEF	LHD2	3.6040e-003	4.0500e-004
tblVehicleEF	LHD2	9.1310e-003	7.5520e-003
tblVehicleEF	LHD2	7.5990e-003	0.00
tblVehicleEF	LHD2	0.12	0.07
tblVehicleEF	LHD2	0.67	0.73
tblVehicleEF	LHD2	1.12	0.00
tblVehicleEF	LHD2	14.39	17.43
tblVehicleEF	LHD2	719.22	631.04
tblVehicleEF	LHD2	23.45	0.00
tblVehicleEF	LHD2	0.12	0.18
tblVehicleEF	LHD2	1.15	1.77
tblVehicleEF	LHD2	0.47	0.00
tblVehicleEF	LHD2	1.3480e-003	2.2130e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	4.0900e-004	0.00
tblVehicleEF	LHD2	1.2900e-003	2.1170e-003
tblVehicleEF	LHD2	2.6970e-003	3.0000e-003
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	3.7600e-004	0.00

tblVehicleEF	LHD2	2.0080e-003	0.00
tblVehicleEF	LHD2	0.04	0.00
tblVehicleEF	LHD2	0.01	8.7260e-003
tblVehicleEF	LHD2	1.0820e-003	0.00
tblVehicleEF	LHD2	0.12	0.16
tblVehicleEF	LHD2	0.07	0.00
tblVehicleEF	LHD2	0.10	0.00
tblVehicleEF	LHD2	1.4000e-004	1.6500e-004
tblVehicleEF	LHD2	6.9910e-003	5.9660e-003
tblVehicleEF	LHD2	2.5500e-004	0.00
tblVehicleEF	LHD2	2.0080e-003	0.00
tblVehicleEF	LHD2	0.04	0.00
tblVehicleEF	LHD2	0.02	9.9340e-003
tblVehicleEF	LHD2	1.0820e-003	0.00
tblVehicleEF	LHD2	0.14	0.19
tblVehicleEF	LHD2	0.07	0.00
tblVehicleEF	LHD2	0.11	0.00
tblVehicleEF	LHD2	3.6040e-003	4.0500e-004
tblVehicleEF	LHD2	8.8560e-003	7.5520e-003
tblVehicleEF	LHD2	8.5490e-003	0.00
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tblVehicleEF	LHD2	1.3480e-003	2.2130e-003
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tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	4.0900e-004	0.00
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tblVehicleEF	LHD2	2.6970e-003	3.0000e-003
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tblVehicleEF	LHD2	3.7600e-004	0.00
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tblVehicleEF	LHD2	0.02	9.9340e-003
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tblVehicleEF	LHD2	0.08	0.00
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tblVehicleEF	MCY	20.93	0.00
tblVehicleEF	MCY	10.15	0.00
tblVehicleEF	MCY	171.86	0.00
tblVehicleEF	MCY	46.89	0.00
tblVehicleEF	MCY	1.17	0.00
tblVehicleEF	MCY	0.32	0.00
tblVehicleEF	MCY	0.01	0.00
tblVehicleEF	MCY	4.0000e-003	0.00
tblVehicleEF	MCY	2.0170e-003	0.00
tblVehicleEF	MCY	4.2680e-003	0.00
tblVehicleEF	MCY	5.0400e-003	0.00
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tblVehicleEF	MCY	1.8910e-003	0.00
tblVehicleEF	MCY	4.0340e-003	0.00
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tblVehicleEF	MCY	0.79	0.00
tblVehicleEF	MCY	0.57	0.00

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tblVehicleEF	MCY	0.43	0.00
tblVehicleEF	MCY	0.14	0.00
tblVehicleEF	MCY	20.10	0.00
tblVehicleEF	MCY	8.87	0.00
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tblVehicleEF	MCY	46.89	0.00
tblVehicleEF	MCY	1.02	0.00
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tblVehicleEF	MCY	0.20	0.00
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tblVehicleEF	MCY	4.0340e-003	0.00
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tblVehicleEF	MCY	2.47	0.00
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tblVehicleEF	MDV	0.01	5.4600e-004
tblVehicleEF	MDV	0.02	0.00
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tblVehicleEF	MDV	490.73	384.98
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tblVehicleEF	MDV	0.17	0.06
tblVehicleEF	MDV	0.33	0.00
tblVehicleEF	MDV	1.8190e-003	5.3700e-003
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tblVehicleEF	MDV	0.06	0.00
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tblVehicleEF	MDV	0.07	0.00
tblVehicleEF	MDV	0.03	0.01
tblVehicleEF	MDV	0.11	0.00
tblVehicleEF	MDV	0.28	0.00

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tblVehicleEF	MDV	0.22	0.00
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tblVehicleEF	MHD	1.0170e-003	0.00
tblVehicleEF	MHD	1.0380e-003	3.6710e-003
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tblVehicleEF	MHD	9.3500e-004	0.00
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tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	2.2700e-004	0.00
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tblVehicleEF	MHD	7.6000e-004	0.00
tblVehicleEF	MHD	3.2300e-004	0.00

tblVehicleEF	MHD	0.05	0.00
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	2.2700e-004	0.00
tblVehicleEF	MHD	0.08	0.25
tblVehicleEF	MHD	0.03	0.00
tblVehicleEF	MHD	0.51	0.00
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tblVehicleEF	OBUS	1.54	3.84
tblVehicleEF	OBUS	2.35	1.56
tblVehicleEF	OBUS	1.2900e-004	9.7160e-003
tblVehicleEF	OBUS	7.0020e-003	0.10
tblVehicleEF	OBUS	7.8200e-004	0.00
tblVehicleEF	OBUS	1.2400e-004	9.2960e-003
tblVehicleEF	OBUS	6.6760e-003	0.09
tblVehicleEF	OBUS	7.1900e-004	0.00
tblVehicleEF	OBUS	1.1300e-003	0.00
tblVehicleEF	OBUS	0.02	0.00
tblVehicleEF	OBUS	0.04	0.14

tblVehicleEF	OBUS	5.5400e-004	0.00
tblVehicleEF	OBUS	0.07	0.24
tblVehicleEF	OBUS	0.04	0.00
tblVehicleEF	OBUS	0.40	0.00
tblVehicleEF	OBUS	7.5200e-004	2.9460e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1100e-004	0.00
tblVehicleEF	OBUS	1.1300e-003	0.00
tblVehicleEF	OBUS	0.02	0.00
tblVehicleEF	OBUS	0.05	0.16
tblVehicleEF	OBUS	5.5400e-004	0.00
tblVehicleEF	OBUS	0.09	0.28
tblVehicleEF	OBUS	0.04	0.00
tblVehicleEF	OBUS	0.44	0.00
tblVehicleEF	OBUS	0.01	6.5030e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.00
tblVehicleEF	OBUS	0.26	1.38
tblVehicleEF	OBUS	0.84	0.72
tblVehicleEF	OBUS	5.77	0.00
tblVehicleEF	OBUS	81.13	314.58
tblVehicleEF	OBUS	1,299.49	1,285.73
tblVehicleEF	OBUS	69.85	0.00
tblVehicleEF	OBUS	0.39	2.36
tblVehicleEF	OBUS	1.47	3.70
tblVehicleEF	OBUS	2.27	1.56
tblVehicleEF	OBUS	1.0900e-004	8.2090e-003

tblVehicleEF	OBUS	7.0020e-003	0.10
tblVehicleEF	OBUS	7.8200e-004	0.00
tblVehicleEF	OBUS	1.0400e-004	7.8540e-003
tblVehicleEF	OBUS	6.6760e-003	0.09
tblVehicleEF	OBUS	7.1900e-004	0.00
tblVehicleEF	OBUS	2.7960e-003	0.00
tblVehicleEF	OBUS	0.02	0.00
tblVehicleEF	OBUS	0.04	0.14
tblVehicleEF	OBUS	1.3030e-003	0.00
tblVehicleEF	OBUS	0.07	0.24
tblVehicleEF	OBUS	0.04	0.00
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tblVehicleEF	OBUS	0.01	0.01
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tblVehicleEF	OBUS	2.7960e-003	0.00
tblVehicleEF	OBUS	0.02	0.00
tblVehicleEF	OBUS	0.05	0.16
tblVehicleEF	OBUS	1.3030e-003	0.00
tblVehicleEF	OBUS	0.09	0.28
tblVehicleEF	OBUS	0.04	0.00
tblVehicleEF	OBUS	0.41	0.00
tblVehicleEF	OBUS	0.01	6.4910e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.00
tblVehicleEF	OBUS	0.28	1.66
tblVehicleEF	OBUS	0.79	0.72

tblVehicleEF	OBUS	6.94	0.00
tblVehicleEF	OBUS	72.59	308.05
tblVehicleEF	OBUS	1,299.49	1,285.73
tblVehicleEF	OBUS	69.85	0.00
tblVehicleEF	OBUS	0.36	2.35
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tblVehicleEF	OBUS	1.5700e-004	0.01
tblVehicleEF	OBUS	7.0020e-003	0.10
tblVehicleEF	OBUS	7.8200e-004	0.00
tblVehicleEF	OBUS	1.5000e-004	0.01
tblVehicleEF	OBUS	6.6760e-003	0.09
tblVehicleEF	OBUS	7.1900e-004	0.00
tblVehicleEF	OBUS	4.8400e-004	0.00
tblVehicleEF	OBUS	0.02	0.00
tblVehicleEF	OBUS	0.04	0.14
tblVehicleEF	OBUS	2.6000e-004	0.00
tblVehicleEF	OBUS	0.07	0.24
tblVehicleEF	OBUS	0.04	0.00
tblVehicleEF	OBUS	0.42	0.00
tblVehicleEF	OBUS	7.0500e-004	2.9100e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.2000e-004	0.00
tblVehicleEF	OBUS	4.8400e-004	0.00
tblVehicleEF	OBUS	0.02	0.00
tblVehicleEF	OBUS	0.05	0.16
tblVehicleEF	OBUS	2.6000e-004	0.00

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tblVehicleEF	OBUS	0.04	0.00
tblVehicleEF	OBUS	0.46	0.00
tblVehicleEF	SBUS	0.93	1.1030e-003
tblVehicleEF	SBUS	6.8650e-003	2.5780e-003
tblVehicleEF	SBUS	0.06	0.00
tblVehicleEF	SBUS	2.00	0.72
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tblVehicleEF	SBUS	1.23	0.00
tblVehicleEF	SBUS	1,470.10	304.86
tblVehicleEF	SBUS	1,256.67	1,060.66
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tblVehicleEF	SBUS	0.02	2.1360e-003
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tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	1.3800e-004	0.00
tblVehicleEF	SBUS	0.02	2.0430e-003
tblVehicleEF	SBUS	2.9420e-003	3.0000e-003
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tblVehicleEF	SBUS	1.2600e-004	0.00
tblVehicleEF	SBUS	3.3100e-004	0.00
tblVehicleEF	SBUS	3.3780e-003	0.00
tblVehicleEF	SBUS	0.24	0.02
tblVehicleEF	SBUS	1.5700e-004	0.00

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tblVehicleEF	SBUS	1.5530e-003	0.00
tblVehicleEF	SBUS	0.06	0.00
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tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.0900e-004	0.00
tblVehicleEF	SBUS	3.3100e-004	0.00
tblVehicleEF	SBUS	3.3780e-003	0.00
tblVehicleEF	SBUS	0.32	0.03
tblVehicleEF	SBUS	1.5700e-004	0.00
tblVehicleEF	SBUS	0.14	0.06
tblVehicleEF	SBUS	1.5530e-003	0.00
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tblVehicleEF	SBUS	8.75	0.00
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tblVehicleEF	SBUS	5.86	3.61
tblVehicleEF	SBUS	19.47	1.38
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tblVehicleEF	SBUS	0.01	0.01

tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	1.3800e-004	0.00
tblVehicleEF	SBUS	0.01	1.7340e-003
tblVehicleEF	SBUS	2.9420e-003	3.0000e-003
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	1.2600e-004	0.00
tblVehicleEF	SBUS	8.3300e-004	0.00
tblVehicleEF	SBUS	3.5860e-003	0.00
tblVehicleEF	SBUS	0.23	0.02
tblVehicleEF	SBUS	3.7800e-004	0.00
tblVehicleEF	SBUS	0.12	0.06
tblVehicleEF	SBUS	1.3360e-003	0.00
tblVehicleEF	SBUS	0.05	0.00
tblVehicleEF	SBUS	0.01	2.9220e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.0200e-004	0.00
tblVehicleEF	SBUS	8.3300e-004	0.00
tblVehicleEF	SBUS	3.5860e-003	0.00
tblVehicleEF	SBUS	0.31	0.03
tblVehicleEF	SBUS	3.7800e-004	0.00
tblVehicleEF	SBUS	0.14	0.06
tblVehicleEF	SBUS	1.3360e-003	0.00
tblVehicleEF	SBUS	0.05	0.00
tblVehicleEF	SBUS	0.93	1.0750e-003
tblVehicleEF	SBUS	6.8290e-003	2.5780e-003
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tblVehicleEF	SBUS	2.27	0.76

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tblVehicleEF	SBUS	19.48	1.38
tblVehicleEF	SBUS	0.02	2.5820e-003
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tblVehicleEF	SBUS	1.3800e-004	0.00
tblVehicleEF	SBUS	0.02	2.4710e-003
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tblVehicleEF	SBUS	7.2000e-005	0.00
tblVehicleEF	SBUS	0.12	0.06
tblVehicleEF	SBUS	1.9820e-003	0.00
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tblVehicleEF	SBUS	0.01	2.8230e-003
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tblVehicleEF	SBUS	1.1400e-004	0.00
tblVehicleEF	SBUS	1.3500e-004	0.00

tblVehicleEF	SBUS	3.5060e-003	0.00
tblVehicleEF	SBUS	0.33	0.03
tblVehicleEF	SBUS	7.2000e-005	0.00
tblVehicleEF	SBUS	0.14	0.06
tblVehicleEF	SBUS	1.9820e-003	0.00
tblVehicleEF	SBUS	0.08	0.00
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tblVehicleEF	UBUS	0.07	0.00
tblVehicleEF	UBUS	4.48	0.27
tblVehicleEF	UBUS	12.37	0.00
tblVehicleEF	UBUS	1,992.71	1,690.65
tblVehicleEF	UBUS	151.45	0.00
tblVehicleEF	UBUS	7.13	2.37
tblVehicleEF	UBUS	12.36	0.00
tblVehicleEF	UBUS	0.49	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.14	7.0260e-003
tblVehicleEF	UBUS	1.1770e-003	0.00
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.7350e-003
tblVehicleEF	UBUS	0.13	6.7220e-003
tblVehicleEF	UBUS	1.0820e-003	0.00
tblVehicleEF	UBUS	4.7870e-003	0.00
tblVehicleEF	UBUS	0.09	0.00
tblVehicleEF	UBUS	2.5280e-003	0.00
tblVehicleEF	UBUS	0.48	2.3070e-003
tblVehicleEF	UBUS	0.02	0.00

tblVehicleEF	UBUS	1.00	0.00
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	1.7390e-003	0.00
tblVehicleEF	UBUS	4.7870e-003	0.00
tblVehicleEF	UBUS	0.09	0.00
tblVehicleEF	UBUS	2.5280e-003	0.00
tblVehicleEF	UBUS	0.75	0.16
tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	1.09	0.00
tblVehicleEF	UBUS	0.24	0.16
tblVehicleEF	UBUS	0.06	0.00
tblVehicleEF	UBUS	4.56	0.27
tblVehicleEF	UBUS	9.65	0.00
tblVehicleEF	UBUS	1,992.71	1,690.65
tblVehicleEF	UBUS	151.45	0.00
tblVehicleEF	UBUS	6.83	2.37
tblVehicleEF	UBUS	12.22	0.00
tblVehicleEF	UBUS	0.49	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.14	7.0260e-003
tblVehicleEF	UBUS	1.1770e-003	0.00
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.7350e-003
tblVehicleEF	UBUS	0.13	6.7220e-003
tblVehicleEF	UBUS	1.0820e-003	0.00
tblVehicleEF	UBUS	0.01	0.00
tblVehicleEF	UBUS	0.11	0.00

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tblVehicleEF	UBUS	0.49	2.3070e-003
tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	0.86	0.00
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	1.6920e-003	0.00
tblVehicleEF	UBUS	0.01	0.00
tblVehicleEF	UBUS	0.11	0.00
tblVehicleEF	UBUS	5.9530e-003	0.00
tblVehicleEF	UBUS	0.76	0.16
tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	0.94	0.00
tblVehicleEF	UBUS	0.23	0.16
tblVehicleEF	UBUS	0.08	0.00
tblVehicleEF	UBUS	4.42	0.27
tblVehicleEF	UBUS	14.83	0.00
tblVehicleEF	UBUS	1,992.71	1,690.65
tblVehicleEF	UBUS	151.45	0.00
tblVehicleEF	UBUS	7.26	2.37
tblVehicleEF	UBUS	12.47	0.00
tblVehicleEF	UBUS	0.49	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.14	7.0260e-003
tblVehicleEF	UBUS	1.1770e-003	0.00
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.7350e-003
tblVehicleEF	UBUS	0.13	6.7220e-003

tblVehicleEF	UBUS	1.0820e-003	0.00
tblVehicleEF	UBUS	1.6710e-003	0.00
tblVehicleEF	UBUS	0.10	0.00
tblVehicleEF	UBUS	1.1170e-003	0.00
tblVehicleEF	UBUS	0.47	2.3070e-003
tblVehicleEF	UBUS	0.03	0.00
tblVehicleEF	UBUS	1.12	0.00
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	1.7810e-003	0.00
tblVehicleEF	UBUS	1.6710e-003	0.00
tblVehicleEF	UBUS	0.10	0.00
tblVehicleEF	UBUS	1.1170e-003	0.00
tblVehicleEF	UBUS	0.74	0.16
tblVehicleEF	UBUS	0.03	0.00
tblVehicleEF	UBUS	1.22	0.00
tblVehicleTrips	CC_TTP	28.00	0.00
tblVehicleTrips	CNW_TTP	13.00	0.00
tblVehicleTrips	CW_TL	9.50	28.61
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PR_TP	79.00	100.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	2.49	0.30
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	0.73	0.30
tblVehicleTrips	WD_TR	11.03	0.00

tblVehicleTrips	WD_TR	6.83	0.30
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	IndoorWaterUseRate	3,293,406.35	0.00
tblWater	IndoorWaterUseRate	38,262,625.00	0.00
tblWater	OutdoorWaterUseRate	2,018,539.38	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0887	2.5253	0.4137	8.4500e-003	0.2205	0.0359	0.2564	0.0606	0.0343	0.0949	0.0000	811.0773	811.0773	3.7300e-003	0.0000	811.1706
Unmitigated	0.0887	2.5253	0.4137	8.4500e-003	0.2205	0.0359	0.2564	0.0606	0.0343	0.0949	0.0000	811.0773	811.0773	3.7300e-003	0.0000	811.1706

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Industrial Park	50.00	50.00	50.00	520,723	520,723
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	50.00	50.00	50.00	520,723	520,723

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Industrial Park	28.61	7.30	7.30	100.00	0.00	0.00	100	0	0
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.582298	0.039109	0.186022	0.123408	0.017184	0.005083	0.010615	0.023794	0.001605	0.001810	0.005454	0.002746	0.000871
Industrial Park	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Other Asphalt Surfaces	0.582298	0.039109	0.186022	0.123408	0.017184	0.005083	0.010615	0.023794	0.001605	0.001810	0.005454	0.002746	0.000871
Other Non-Asphalt Surfaces	0.582298	0.039109	0.186022	0.123408	0.017184	0.005083	0.010615	0.023794	0.001605	0.001810	0.005454	0.002746	0.000871
Parking Lot	0.582298	0.039109	0.186022	0.123408	0.017184	0.005083	0.010615	0.023794	0.001605	0.001810	0.005454	0.002746	0.000871

Scenario 4: Delivery_2023

Contra Costa County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	18.53	1000sqft	0.43	18,529.00	0
Industrial Park	165.46	1000sqft	3.80	165,456.00	0
Other Asphalt Surfaces	14.73	Acre	14.73	641,537.00	0
Other Non-Asphalt Surfaces	3.19	Acre	3.19	0.00	0
Parking Lot	9.74	Acre	9.74	424,302.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	5			**Operational Year**	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	206.29	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See assumptions file.

Land Use - See assumptions file.

Construction Phase -

Vehicle Trips - See assumptions file.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Area Coating - For mobile source emissions only.

Energy Use - For mobile source emissions only.

Water And Wastewater - For mobile source emissions only.

Solid Waste - For mobile source emissions only.

Energy Mitigation -

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	91993	0
tblAreaCoating	Area_Nonresidential_Interior	275978	0
tblAreaCoating	Area_Parking	63950	0
tblEnergyUse	LightingElect	3.58	0.00
tblEnergyUse	LightingElect	3.58	0.00
tblEnergyUse	NT24E	4.80	0.00
tblEnergyUse	NT24E	4.80	0.00
tblEnergyUse	NT24NG	1.01	0.00
tblEnergyUse	NT24NG	1.01	0.00
tblEnergyUse	T24E	4.10	0.00
tblEnergyUse	T24E	4.10	0.00
tblEnergyUse	T24NG	18.32	0.00
tblEnergyUse	T24NG	18.32	0.00
tblFleetMix	HHD	0.02	0.00

tblFleetMix	LDA	0.59	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.02	0.76
tblFleetMix	LHD2	5.0130e-003	0.24
tblFleetMix	MCY	5.3510e-003	0.00
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MH	8.0200e-004	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	1.6350e-003	0.00
tblFleetMix	SBUS	2.7260e-003	0.00
tblFleetMix	UBUS	1.7420e-003	0.00
tblLandUse	LandUseSquareFeet	18,530.00	18,529.00
tblLandUse	LandUseSquareFeet	165,460.00	165,456.00
tblLandUse	LandUseSquareFeet	641,638.80	641,537.00
tblLandUse	LandUseSquareFeet	138,956.40	0.00
tblLandUse	LandUseSquareFeet	424,274.40	424,302.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	206.29
tblSolidWaste	SolidWasteGenerationRate	17.23	0.00
tblSolidWaste	SolidWasteGenerationRate	205.17	0.00
tblVehicleEF	HHD	0.42	0.02
tblVehicleEF	HHD	0.04	1.1180e-003
tblVehicleEF	HHD	0.09	0.00
tblVehicleEF	HHD	1.61	6.31
tblVehicleEF	HHD	0.83	0.23
tblVehicleEF	HHD	2.94	0.00
tblVehicleEF	HHD	4,403.05	1,057.88

tblVehicleEF	HHD	1,548.59	1,405.95
tblVehicleEF	HHD	8.87	0.00
tblVehicleEF	HHD	14.21	5.40
tblVehicleEF	HHD	1.96	2.68
tblVehicleEF	HHD	19.76	2.39
tblVehicleEF	HHD	8.9050e-003	2.6820e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	6.2570e-003	0.02
tblVehicleEF	HHD	9.7000e-005	0.00
tblVehicleEF	HHD	8.5190e-003	2.5660e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8090e-003	8.8650e-003
tblVehicleEF	HHD	5.9860e-003	0.02
tblVehicleEF	HHD	8.9000e-005	0.00
tblVehicleEF	HHD	8.2000e-005	0.00
tblVehicleEF	HHD	4.5240e-003	0.00
tblVehicleEF	HHD	0.42	0.43
tblVehicleEF	HHD	5.4000e-005	0.00
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	3.7700e-004	0.00
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	0.04	9.9940e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.3700e-004	0.00
tblVehicleEF	HHD	8.2000e-005	0.00
tblVehicleEF	HHD	4.5240e-003	0.00

tblVehicleEF	HHD	0.49	0.49
tblVehicleEF	HHD	5.4000e-005	0.00
tblVehicleEF	HHD	0.14	0.03
tblVehicleEF	HHD	3.7700e-004	0.00
tblVehicleEF	HHD	0.09	0.00
tblVehicleEF	HHD	0.40	0.02
tblVehicleEF	HHD	0.04	1.1180e-003
tblVehicleEF	HHD	0.09	0.00
tblVehicleEF	HHD	1.17	6.22
tblVehicleEF	HHD	0.84	0.23
tblVehicleEF	HHD	2.67	0.00
tblVehicleEF	HHD	4,664.64	1,045.98
tblVehicleEF	HHD	1,548.59	1,405.95
tblVehicleEF	HHD	8.87	0.00
tblVehicleEF	HHD	14.67	5.16
tblVehicleEF	HHD	1.89	2.58
tblVehicleEF	HHD	19.75	2.39
tblVehicleEF	HHD	7.5070e-003	2.3440e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	6.2570e-003	0.02
tblVehicleEF	HHD	9.7000e-005	0.00
tblVehicleEF	HHD	7.1820e-003	2.2430e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8090e-003	8.8650e-003
tblVehicleEF	HHD	5.9860e-003	0.02
tblVehicleEF	HHD	8.9000e-005	0.00

tblVehicleEF	HHD	2.2100e-004	0.00
tblVehicleEF	HHD	5.0360e-003	0.00
tblVehicleEF	HHD	0.40	0.46
tblVehicleEF	HHD	1.3800e-004	0.00
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	3.7200e-004	0.00
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	0.04	9.8820e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.3300e-004	0.00
tblVehicleEF	HHD	2.2100e-004	0.00
tblVehicleEF	HHD	5.0360e-003	0.00
tblVehicleEF	HHD	0.46	0.52
tblVehicleEF	HHD	1.3800e-004	0.00
tblVehicleEF	HHD	0.14	0.03
tblVehicleEF	HHD	3.7200e-004	0.00
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	0.46	0.02
tblVehicleEF	HHD	0.04	1.1180e-003
tblVehicleEF	HHD	0.10	0.00
tblVehicleEF	HHD	2.22	6.43
tblVehicleEF	HHD	0.83	0.23
tblVehicleEF	HHD	3.19	0.00
tblVehicleEF	HHD	4,041.81	1,074.32
tblVehicleEF	HHD	1,548.59	1,405.95
tblVehicleEF	HHD	8.87	0.00
tblVehicleEF	HHD	13.58	5.72

tblVehicleEF	HHD	1.99	2.72
tblVehicleEF	HHD	19.78	2.39
tblVehicleEF	HHD	0.01	3.1490e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	6.2570e-003	0.02
tblVehicleEF	HHD	9.7000e-005	0.00
tblVehicleEF	HHD	0.01	3.0120e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8090e-003	8.8650e-003
tblVehicleEF	HHD	5.9860e-003	0.02
tblVehicleEF	HHD	8.9000e-005	0.00
tblVehicleEF	HHD	3.0000e-005	0.00
tblVehicleEF	HHD	4.7590e-003	0.00
tblVehicleEF	HHD	0.45	0.40
tblVehicleEF	HHD	2.2000e-005	0.00
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	4.1600e-004	0.00
tblVehicleEF	HHD	0.09	0.00
tblVehicleEF	HHD	0.04	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.4100e-004	0.00
tblVehicleEF	HHD	3.0000e-005	0.00
tblVehicleEF	HHD	4.7590e-003	0.00
tblVehicleEF	HHD	0.53	0.45
tblVehicleEF	HHD	2.2000e-005	0.00
tblVehicleEF	HHD	0.14	0.03

tblVehicleEF	HHD	4.1600e-004	0.00
tblVehicleEF	HHD	0.09	0.00
tblVehicleEF	LDA	3.6390e-003	5.7200e-004
tblVehicleEF	LDA	5.1560e-003	0.00
tblVehicleEF	LDA	0.51	0.20
tblVehicleEF	LDA	1.15	0.00
tblVehicleEF	LDA	240.15	202.40
tblVehicleEF	LDA	55.03	0.00
tblVehicleEF	LDA	0.05	0.07
tblVehicleEF	LDA	0.07	0.00
tblVehicleEF	LDA	1.7300e-003	6.1360e-003
tblVehicleEF	LDA	2.3020e-003	0.00
tblVehicleEF	LDA	1.5950e-003	5.8700e-003
tblVehicleEF	LDA	2.1170e-003	0.00
tblVehicleEF	LDA	0.03	3.4870e-003
tblVehicleEF	LDA	0.10	4.8880e-003
tblVehicleEF	LDA	0.03	1.0750e-003
tblVehicleEF	LDA	9.1890e-003	0.01
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	0.07	0.00
tblVehicleEF	LDA	2.4040e-003	1.9130e-003
tblVehicleEF	LDA	5.7000e-004	0.00
tblVehicleEF	LDA	0.03	3.4870e-003
tblVehicleEF	LDA	0.10	4.8880e-003
tblVehicleEF	LDA	0.03	1.0750e-003
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.00

tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	4.1310e-003	5.7200e-004
tblVehicleEF	LDA	4.1520e-003	0.00
tblVehicleEF	LDA	0.62	0.20
tblVehicleEF	LDA	0.88	0.00
tblVehicleEF	LDA	262.57	202.40
tblVehicleEF	LDA	55.03	0.00
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.06	0.00
tblVehicleEF	LDA	1.7300e-003	6.1360e-003
tblVehicleEF	LDA	2.3020e-003	0.00
tblVehicleEF	LDA	1.5950e-003	5.8700e-003
tblVehicleEF	LDA	2.1170e-003	0.00
tblVehicleEF	LDA	0.08	0.01
tblVehicleEF	LDA	0.11	4.8880e-003
tblVehicleEF	LDA	0.06	5.5970e-003
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.06	0.00
tblVehicleEF	LDA	2.6300e-003	1.9130e-003
tblVehicleEF	LDA	5.6500e-004	0.00
tblVehicleEF	LDA	0.08	0.01
tblVehicleEF	LDA	0.11	4.8880e-003
tblVehicleEF	LDA	0.06	5.5970e-003
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.06	0.00

tblVehicleEF	LDA	3.5350e-003	5.7200e-004
tblVehicleEF	LDA	5.8980e-003	0.00
tblVehicleEF	LDA	0.50	0.20
tblVehicleEF	LDA	1.37	0.00
tblVehicleEF	LDA	237.07	202.40
tblVehicleEF	LDA	55.03	0.00
tblVehicleEF	LDA	0.05	0.07
tblVehicleEF	LDA	0.07	0.00
tblVehicleEF	LDA	1.7300e-003	6.1360e-003
tblVehicleEF	LDA	2.3020e-003	0.00
tblVehicleEF	LDA	1.5950e-003	5.8700e-003
tblVehicleEF	LDA	2.1170e-003	0.00
tblVehicleEF	LDA	9.9280e-003	1.5500e-004
tblVehicleEF	LDA	0.10	4.8880e-003
tblVehicleEF	LDA	0.01	1.8000e-005
tblVehicleEF	LDA	8.9340e-003	0.01
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	2.3730e-003	1.9130e-003
tblVehicleEF	LDA	5.7300e-004	0.00
tblVehicleEF	LDA	9.9280e-003	1.5500e-004
tblVehicleEF	LDA	0.10	4.8880e-003
tblVehicleEF	LDA	0.01	1.8000e-005
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	0.09	0.00
tblVehicleEF	LDT1	7.6860e-003	2.8630e-003

tblVehicleEF	LDT1	0.01	0.00
tblVehicleEF	LDT1	0.97	0.41
tblVehicleEF	LDT1	2.57	0.00
tblVehicleEF	LDT1	298.93	147.18
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tblVehicleEF	LDT1	0.10	0.38
tblVehicleEF	LDT1	0.15	0.00
tblVehicleEF	LDT1	2.1650e-003	0.05
tblVehicleEF	LDT1	3.0280e-003	0.00
tblVehicleEF	LDT1	1.9930e-003	0.04
tblVehicleEF	LDT1	2.7840e-003	0.00
tblVehicleEF	LDT1	0.09	3.2010e-003
tblVehicleEF	LDT1	0.23	3.1770e-003
tblVehicleEF	LDT1	0.08	9.8700e-004
tblVehicleEF	LDT1	0.02	0.06
tblVehicleEF	LDT1	0.15	0.00
tblVehicleEF	LDT1	0.17	0.00
tblVehicleEF	LDT1	3.0000e-003	1.3910e-003
tblVehicleEF	LDT1	7.3500e-004	0.00
tblVehicleEF	LDT1	0.09	3.2010e-003
tblVehicleEF	LDT1	0.23	3.1770e-003
tblVehicleEF	LDT1	0.08	9.8700e-004
tblVehicleEF	LDT1	0.03	0.07
tblVehicleEF	LDT1	0.15	0.00
tblVehicleEF	LDT1	0.19	0.00
tblVehicleEF	LDT1	8.6410e-003	2.8630e-003
tblVehicleEF	LDT1	0.01	0.00

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tblVehicleEF	LDT1	1.95	0.00
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tblVehicleEF	LDT1	0.09	0.36
tblVehicleEF	LDT1	0.13	0.00
tblVehicleEF	LDT1	2.1650e-003	0.05
tblVehicleEF	LDT1	3.0280e-003	0.00
tblVehicleEF	LDT1	1.9930e-003	0.04
tblVehicleEF	LDT1	2.7840e-003	0.00
tblVehicleEF	LDT1	0.22	0.01
tblVehicleEF	LDT1	0.27	3.1770e-003
tblVehicleEF	LDT1	0.17	5.1380e-003
tblVehicleEF	LDT1	0.02	0.06
tblVehicleEF	LDT1	0.14	0.00
tblVehicleEF	LDT1	0.14	0.00
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tblVehicleEF	LDT1	7.2400e-004	0.00
tblVehicleEF	LDT1	0.22	0.01
tblVehicleEF	LDT1	0.27	3.1770e-003
tblVehicleEF	LDT1	0.17	5.1380e-003
tblVehicleEF	LDT1	0.03	0.07
tblVehicleEF	LDT1	0.14	0.00
tblVehicleEF	LDT1	0.15	0.00
tblVehicleEF	LDT1	7.5150e-003	2.8630e-003
tblVehicleEF	LDT1	0.01	0.00
tblVehicleEF	LDT1	0.96	0.41

tblVehicleEF	LDT1	3.07	0.00
tblVehicleEF	LDT1	295.24	147.18
tblVehicleEF	LDT1	69.03	0.00
tblVehicleEF	LDT1	0.11	0.38
tblVehicleEF	LDT1	0.16	0.00
tblVehicleEF	LDT1	2.1650e-003	0.05
tblVehicleEF	LDT1	3.0280e-003	0.00
tblVehicleEF	LDT1	1.9930e-003	0.04
tblVehicleEF	LDT1	2.7840e-003	0.00
tblVehicleEF	LDT1	0.03	1.4300e-004
tblVehicleEF	LDT1	0.25	3.1770e-003
tblVehicleEF	LDT1	0.03	1.7000e-005
tblVehicleEF	LDT1	0.02	0.06
tblVehicleEF	LDT1	0.18	0.00
tblVehicleEF	LDT1	0.20	0.00
tblVehicleEF	LDT1	2.9630e-003	1.3910e-003
tblVehicleEF	LDT1	7.4400e-004	0.00
tblVehicleEF	LDT1	0.03	1.4300e-004
tblVehicleEF	LDT1	0.25	3.1770e-003
tblVehicleEF	LDT1	0.03	1.7000e-005
tblVehicleEF	LDT1	0.03	0.07
tblVehicleEF	LDT1	0.18	0.00
tblVehicleEF	LDT1	0.21	0.00
tblVehicleEF	LDT2	4.8110e-003	2.1500e-004
tblVehicleEF	LDT2	6.5330e-003	0.00
tblVehicleEF	LDT2	0.65	0.04
tblVehicleEF	LDT2	1.45	0.00

tblVehicleEF	LDT2	336.88	96.95
tblVehicleEF	LDT2	77.47	0.00
tblVehicleEF	LDT2	0.07	0.01
tblVehicleEF	LDT2	0.11	0.00
tblVehicleEF	LDT2	1.6670e-003	1.5750e-003
tblVehicleEF	LDT2	2.2840e-003	0.00
tblVehicleEF	LDT2	1.5330e-003	1.5070e-003
tblVehicleEF	LDT2	2.1000e-003	0.00
tblVehicleEF	LDT2	0.04	2.1830e-003
tblVehicleEF	LDT2	0.11	3.1770e-003
tblVehicleEF	LDT2	0.04	6.7300e-004
tblVehicleEF	LDT2	0.01	4.6300e-003
tblVehicleEF	LDT2	0.06	0.00
tblVehicleEF	LDT2	0.09	0.00
tblVehicleEF	LDT2	3.3730e-003	9.1600e-004
tblVehicleEF	LDT2	7.9900e-004	0.00
tblVehicleEF	LDT2	0.04	2.1830e-003
tblVehicleEF	LDT2	0.11	3.1770e-003
tblVehicleEF	LDT2	0.04	6.7300e-004
tblVehicleEF	LDT2	0.02	5.2710e-003
tblVehicleEF	LDT2	0.06	0.00
tblVehicleEF	LDT2	0.10	0.00
tblVehicleEF	LDT2	5.4550e-003	2.1500e-004
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tblVehicleEF	LDT2	0.79	0.04
tblVehicleEF	LDT2	1.11	0.00
tblVehicleEF	LDT2	367.69	96.95

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tblVehicleEF	LDT2	0.06	0.01
tblVehicleEF	LDT2	0.10	0.00
tblVehicleEF	LDT2	1.6670e-003	1.5750e-003
tblVehicleEF	LDT2	2.2840e-003	0.00
tblVehicleEF	LDT2	1.5330e-003	1.5070e-003
tblVehicleEF	LDT2	2.1000e-003	0.00
tblVehicleEF	LDT2	0.10	7.3530e-003
tblVehicleEF	LDT2	0.12	3.1770e-003
tblVehicleEF	LDT2	0.09	3.5030e-003
tblVehicleEF	LDT2	0.01	4.6300e-003
tblVehicleEF	LDT2	0.06	0.00
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	3.6830e-003	9.1600e-004
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tblVehicleEF	LDT2	0.10	7.3530e-003
tblVehicleEF	LDT2	0.12	3.1770e-003
tblVehicleEF	LDT2	0.09	3.5030e-003
tblVehicleEF	LDT2	0.02	5.2710e-003
tblVehicleEF	LDT2	0.06	0.00
tblVehicleEF	LDT2	0.08	0.00
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tblVehicleEF	LDT2	0.07	0.01
tblVehicleEF	LDT2	0.12	0.00
tblVehicleEF	LDT2	1.6670e-003	1.5750e-003
tblVehicleEF	LDT2	2.2840e-003	0.00
tblVehicleEF	LDT2	1.5330e-003	1.5070e-003
tblVehicleEF	LDT2	2.1000e-003	0.00
tblVehicleEF	LDT2	0.01	9.7000e-005
tblVehicleEF	LDT2	0.11	3.1770e-003
tblVehicleEF	LDT2	0.02	1.1000e-005
tblVehicleEF	LDT2	0.01	4.6300e-003
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.10	0.00
tblVehicleEF	LDT2	3.3310e-003	9.1600e-004
tblVehicleEF	LDT2	8.0400e-004	0.00
tblVehicleEF	LDT2	0.01	9.7000e-005
tblVehicleEF	LDT2	0.11	3.1770e-003
tblVehicleEF	LDT2	0.02	1.1000e-005
tblVehicleEF	LDT2	0.02	5.2710e-003
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.11	0.00
tblVehicleEF	LHD1	5.1020e-003	1.7130e-003
tblVehicleEF	LHD1	0.02	3.1880e-003
tblVehicleEF	LHD1	0.02	5.1240e-003
tblVehicleEF	LHD1	0.14	0.06
tblVehicleEF	LHD1	1.06	0.29
tblVehicleEF	LHD1	2.42	0.36
tblVehicleEF	LHD1	9.16	3.22

tblVehicleEF	LHD1	688.30	276.25
tblVehicleEF	LHD1	30.44	3.87
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	1.51	0.37
tblVehicleEF	LHD1	0.97	0.11
tblVehicleEF	LHD1	9.5100e-004	3.2200e-004
tblVehicleEF	LHD1	0.01	9.8840e-003
tblVehicleEF	LHD1	0.02	4.6930e-003
tblVehicleEF	LHD1	8.9000e-004	8.4000e-005
tblVehicleEF	LHD1	9.1000e-004	3.0800e-004
tblVehicleEF	LHD1	2.5410e-003	2.4710e-003
tblVehicleEF	LHD1	0.02	4.4740e-003
tblVehicleEF	LHD1	8.1800e-004	7.7000e-005
tblVehicleEF	LHD1	2.3270e-003	2.2060e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.02	7.2570e-003
tblVehicleEF	LHD1	1.3250e-003	1.1600e-003
tblVehicleEF	LHD1	0.13	0.04
tblVehicleEF	LHD1	0.32	0.54
tblVehicleEF	LHD1	0.25	0.03
tblVehicleEF	LHD1	9.2000e-005	3.1000e-005
tblVehicleEF	LHD1	6.7490e-003	2.6940e-003
tblVehicleEF	LHD1	3.5000e-004	3.8000e-005
tblVehicleEF	LHD1	2.3270e-003	2.2060e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	1.3250e-003	1.1600e-003

tblVehicleEF	LHD1	0.16	0.04
tblVehicleEF	LHD1	0.32	0.54
tblVehicleEF	LHD1	0.27	0.03
tblVehicleEF	LHD1	5.1020e-003	1.7180e-003
tblVehicleEF	LHD1	0.02	3.2680e-003
tblVehicleEF	LHD1	0.02	4.8030e-003
tblVehicleEF	LHD1	0.14	0.06
tblVehicleEF	LHD1	1.08	0.30
tblVehicleEF	LHD1	2.21	0.33
tblVehicleEF	LHD1	9.16	3.22
tblVehicleEF	LHD1	688.30	276.26
tblVehicleEF	LHD1	30.44	3.81
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	1.45	0.35
tblVehicleEF	LHD1	0.90	0.10
tblVehicleEF	LHD1	9.5100e-004	3.2200e-004
tblVehicleEF	LHD1	0.01	9.8840e-003
tblVehicleEF	LHD1	0.02	4.6930e-003
tblVehicleEF	LHD1	8.9000e-004	8.4000e-005
tblVehicleEF	LHD1	9.1000e-004	3.0800e-004
tblVehicleEF	LHD1	2.5410e-003	2.4710e-003
tblVehicleEF	LHD1	0.02	4.4740e-003
tblVehicleEF	LHD1	8.1800e-004	7.7000e-005
tblVehicleEF	LHD1	5.9140e-003	6.5650e-003
tblVehicleEF	LHD1	0.11	0.09
tblVehicleEF	LHD1	0.02	7.2570e-003
tblVehicleEF	LHD1	3.0460e-003	2.5500e-003

tblVehicleEF	LHD1	0.13	0.04
tblVehicleEF	LHD1	0.31	0.52
tblVehicleEF	LHD1	0.23	0.02
tblVehicleEF	LHD1	9.2000e-005	3.1000e-005
tblVehicleEF	LHD1	6.7490e-003	2.6940e-003
tblVehicleEF	LHD1	3.4600e-004	3.8000e-005
tblVehicleEF	LHD1	5.9140e-003	5.0910e-003
tblVehicleEF	LHD1	0.11	0.09
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	3.0460e-003	2.5500e-003
tblVehicleEF	LHD1	0.16	0.05
tblVehicleEF	LHD1	0.31	0.52
tblVehicleEF	LHD1	0.25	0.03
tblVehicleEF	LHD1	5.1020e-003	1.7080e-003
tblVehicleEF	LHD1	0.02	3.1250e-003
tblVehicleEF	LHD1	0.02	5.3960e-003
tblVehicleEF	LHD1	0.14	0.06
tblVehicleEF	LHD1	1.04	0.29
tblVehicleEF	LHD1	2.62	0.39
tblVehicleEF	LHD1	9.16	3.22
tblVehicleEF	LHD1	688.30	276.24
tblVehicleEF	LHD1	30.44	3.91
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	1.54	0.37
tblVehicleEF	LHD1	1.04	0.12
tblVehicleEF	LHD1	9.5100e-004	3.2200e-004
tblVehicleEF	LHD1	0.01	9.8840e-003

tblVehicleEF	LHD1	0.02	4.6930e-003
tblVehicleEF	LHD1	8.9000e-004	8.4000e-005
tblVehicleEF	LHD1	9.1000e-004	3.0800e-004
tblVehicleEF	LHD1	2.5410e-003	2.4710e-003
tblVehicleEF	LHD1	0.02	4.4740e-003
tblVehicleEF	LHD1	8.1800e-004	7.7000e-005
tblVehicleEF	LHD1	8.2100e-004	9.9700e-004
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	7.2570e-003
tblVehicleEF	LHD1	5.8900e-004	5.7100e-004
tblVehicleEF	LHD1	0.13	0.04
tblVehicleEF	LHD1	0.35	0.60
tblVehicleEF	LHD1	0.26	0.03
tblVehicleEF	LHD1	9.2000e-005	3.1000e-005
tblVehicleEF	LHD1	6.7480e-003	2.6940e-003
tblVehicleEF	LHD1	3.5400e-004	3.9000e-005
tblVehicleEF	LHD1	8.2100e-004	9.9700e-004
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	5.8900e-004	5.7100e-004
tblVehicleEF	LHD1	0.16	0.04
tblVehicleEF	LHD1	0.35	0.60
tblVehicleEF	LHD1	0.29	0.03
tblVehicleEF	LHD2	3.2260e-003	1.0420e-003
tblVehicleEF	LHD2	7.5270e-003	2.5380e-003
tblVehicleEF	LHD2	6.3400e-003	2.7400e-003
tblVehicleEF	LHD2	0.12	0.05

tblVehicleEF	LHD2	0.58	0.23
tblVehicleEF	LHD2	1.07	0.20
tblVehicleEF	LHD2	14.25	5.06
tblVehicleEF	LHD2	705.97	268.36
tblVehicleEF	LHD2	22.79	2.52
tblVehicleEF	LHD2	0.11	0.04
tblVehicleEF	LHD2	0.90	0.38
tblVehicleEF	LHD2	0.43	0.06
tblVehicleEF	LHD2	1.2870e-003	5.1300e-004
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	6.2600e-003
tblVehicleEF	LHD2	3.7300e-004	4.0000e-005
tblVehicleEF	LHD2	1.2310e-003	4.9100e-004
tblVehicleEF	LHD2	2.7030e-003	2.7080e-003
tblVehicleEF	LHD2	0.01	5.9810e-003
tblVehicleEF	LHD2	3.4300e-004	3.7000e-005
tblVehicleEF	LHD2	6.7600e-004	1.4160e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	5.4020e-003
tblVehicleEF	LHD2	4.1400e-004	6.7400e-004
tblVehicleEF	LHD2	0.11	0.04
tblVehicleEF	LHD2	0.06	0.23
tblVehicleEF	LHD2	0.09	0.01
tblVehicleEF	LHD2	1.3900e-004	4.8000e-005
tblVehicleEF	LHD2	6.8600e-003	2.5880e-003
tblVehicleEF	LHD2	2.4700e-004	2.5000e-005
tblVehicleEF	LHD2	6.7600e-004	1.4160e-003

tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	7.2320e-003
tblVehicleEF	LHD2	4.1400e-004	6.7400e-004
tblVehicleEF	LHD2	0.13	0.05
tblVehicleEF	LHD2	0.06	0.23
tblVehicleEF	LHD2	0.09	0.01
tblVehicleEF	LHD2	3.2260e-003	1.0450e-003
tblVehicleEF	LHD2	7.6300e-003	2.5660e-003
tblVehicleEF	LHD2	5.9600e-003	2.5690e-003
tblVehicleEF	LHD2	0.12	0.05
tblVehicleEF	LHD2	0.59	0.24
tblVehicleEF	LHD2	0.98	0.18
tblVehicleEF	LHD2	14.25	5.06
tblVehicleEF	LHD2	705.97	268.36
tblVehicleEF	LHD2	22.79	2.49
tblVehicleEF	LHD2	0.11	0.04
tblVehicleEF	LHD2	0.86	0.37
tblVehicleEF	LHD2	0.40	0.06
tblVehicleEF	LHD2	1.2870e-003	5.1300e-004
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	6.2600e-003
tblVehicleEF	LHD2	3.7300e-004	4.0000e-005
tblVehicleEF	LHD2	1.2310e-003	4.9100e-004
tblVehicleEF	LHD2	2.7030e-003	2.7080e-003
tblVehicleEF	LHD2	0.01	5.9810e-003
tblVehicleEF	LHD2	3.4300e-004	3.7000e-005
tblVehicleEF	LHD2	1.7050e-003	5.0810e-003

tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	5.4020e-003
tblVehicleEF	LHD2	9.4900e-004	1.3330e-003
tblVehicleEF	LHD2	0.11	0.04
tblVehicleEF	LHD2	0.06	0.23
tblVehicleEF	LHD2	0.08	0.01
tblVehicleEF	LHD2	1.3900e-004	4.8000e-005
tblVehicleEF	LHD2	6.8600e-003	2.5880e-003
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tblVehicleEF	LHD2	1.7050e-003	2.7380e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	7.2320e-003
tblVehicleEF	LHD2	9.4900e-004	1.3330e-003
tblVehicleEF	LHD2	0.13	0.05
tblVehicleEF	LHD2	0.06	0.23
tblVehicleEF	LHD2	0.09	0.01
tblVehicleEF	LHD2	3.2260e-003	1.0400e-003
tblVehicleEF	LHD2	7.4430e-003	2.5150e-003
tblVehicleEF	LHD2	6.6650e-003	2.8850e-003
tblVehicleEF	LHD2	0.12	0.05
tblVehicleEF	LHD2	0.58	0.23
tblVehicleEF	LHD2	1.15	0.21
tblVehicleEF	LHD2	14.25	5.06
tblVehicleEF	LHD2	705.97	268.35
tblVehicleEF	LHD2	22.79	2.55
tblVehicleEF	LHD2	0.11	0.04
tblVehicleEF	LHD2	0.91	0.39

tblVehicleEF	LHD2	0.46	0.07
tblVehicleEF	LHD2	1.2870e-003	5.1300e-004
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	6.2600e-003
tblVehicleEF	LHD2	3.7300e-004	4.0000e-005
tblVehicleEF	LHD2	1.2310e-003	4.9100e-004
tblVehicleEF	LHD2	2.7030e-003	2.7080e-003
tblVehicleEF	LHD2	0.01	5.9810e-003
tblVehicleEF	LHD2	3.4300e-004	3.7000e-005
tblVehicleEF	LHD2	2.5800e-004	8.7200e-004
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	5.4020e-003
tblVehicleEF	LHD2	1.8800e-004	3.9800e-004
tblVehicleEF	LHD2	0.11	0.04
tblVehicleEF	LHD2	0.06	0.26
tblVehicleEF	LHD2	0.09	0.01
tblVehicleEF	LHD2	1.3900e-004	4.8000e-005
tblVehicleEF	LHD2	6.8600e-003	2.5880e-003
tblVehicleEF	LHD2	2.4900e-004	2.5000e-005
tblVehicleEF	LHD2	2.5800e-004	8.7200e-004
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	7.2320e-003
tblVehicleEF	LHD2	1.8800e-004	3.9800e-004
tblVehicleEF	LHD2	0.13	0.05
tblVehicleEF	LHD2	0.06	0.26
tblVehicleEF	LHD2	0.10	0.02
tblVehicleEF	MCY	0.45	0.00

tblVehicleEF	MCY	0.16	0.00
tblVehicleEF	MCY	20.06	0.00
tblVehicleEF	MCY	10.20	0.00
tblVehicleEF	MCY	173.01	0.00
tblVehicleEF	MCY	46.02	0.00
tblVehicleEF	MCY	1.16	0.00
tblVehicleEF	MCY	0.32	0.00
tblVehicleEF	MCY	0.01	0.00
tblVehicleEF	MCY	4.0000e-003	0.00
tblVehicleEF	MCY	2.0750e-003	0.00
tblVehicleEF	MCY	3.9450e-003	0.00
tblVehicleEF	MCY	5.0400e-003	0.00
tblVehicleEF	MCY	1.0000e-003	0.00
tblVehicleEF	MCY	1.9420e-003	0.00
tblVehicleEF	MCY	3.7210e-003	0.00
tblVehicleEF	MCY	0.88	0.00
tblVehicleEF	MCY	0.76	0.00
tblVehicleEF	MCY	0.56	0.00
tblVehicleEF	MCY	2.29	0.00
tblVehicleEF	MCY	0.62	0.00
tblVehicleEF	MCY	2.25	0.00
tblVehicleEF	MCY	2.1250e-003	0.00
tblVehicleEF	MCY	6.9300e-004	0.00
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tblVehicleEF	MCY	2.83	0.00

tblVehicleEF	MCY	0.62	0.00
tblVehicleEF	MCY	2.45	0.00
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tblVehicleEF	MCY	0.13	0.00
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tblVehicleEF	MCY	2.0750e-003	0.00
tblVehicleEF	MCY	3.9450e-003	0.00
tblVehicleEF	MCY	5.0400e-003	0.00
tblVehicleEF	MCY	1.0000e-003	0.00
tblVehicleEF	MCY	1.9420e-003	0.00
tblVehicleEF	MCY	3.7210e-003	0.00
tblVehicleEF	MCY	2.61	0.00
tblVehicleEF	MCY	1.08	0.00
tblVehicleEF	MCY	1.72	0.00
tblVehicleEF	MCY	2.20	0.00
tblVehicleEF	MCY	0.59	0.00
tblVehicleEF	MCY	1.84	0.00
tblVehicleEF	MCY	2.1100e-003	0.00
tblVehicleEF	MCY	6.5900e-004	0.00
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tblVehicleEF	MCY	1.08	0.00
tblVehicleEF	MCY	1.72	0.00
tblVehicleEF	MCY	2.72	0.00
tblVehicleEF	MCY	0.59	0.00
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tblVehicleEF	MCY	4.0000e-003	0.00
tblVehicleEF	MCY	2.0750e-003	0.00
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tblVehicleEF	MCY	1.9420e-003	0.00
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tblVehicleEF	MCY	0.73	0.00
tblVehicleEF	MCY	2.64	0.00

tblVehicleEF	MCY	2.1570e-003	0.00
tblVehicleEF	MCY	7.3000e-004	0.00
tblVehicleEF	MCY	0.17	0.00
tblVehicleEF	MCY	0.88	0.00
tblVehicleEF	MCY	0.17	0.00
tblVehicleEF	MCY	2.96	0.00
tblVehicleEF	MCY	0.73	0.00
tblVehicleEF	MCY	2.88	0.00
tblVehicleEF	MDV	9.5600e-003	1.6800e-004
tblVehicleEF	MDV	0.02	0.00
tblVehicleEF	MDV	1.06	0.07
tblVehicleEF	MDV	2.97	0.00
tblVehicleEF	MDV	460.03	127.71
tblVehicleEF	MDV	104.52	0.00
tblVehicleEF	MDV	0.13	0.02
tblVehicleEF	MDV	0.27	0.00
tblVehicleEF	MDV	1.7650e-003	1.6070e-003
tblVehicleEF	MDV	2.4290e-003	0.00
tblVehicleEF	MDV	1.6260e-003	1.5380e-003
tblVehicleEF	MDV	2.2340e-003	0.00
tblVehicleEF	MDV	0.06	2.2050e-003
tblVehicleEF	MDV	0.18	3.1770e-003
tblVehicleEF	MDV	0.07	6.8000e-004
tblVehicleEF	MDV	0.02	3.6220e-003
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.23	0.00
tblVehicleEF	MDV	4.6060e-003	1.2070e-003

tblVehicleEF	MDV	1.0970e-003	0.00
tblVehicleEF	MDV	0.06	2.2050e-003
tblVehicleEF	MDV	0.18	3.1770e-003
tblVehicleEF	MDV	0.07	6.8000e-004
tblVehicleEF	MDV	0.03	4.1230e-003
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.25	0.00
tblVehicleEF	MDV	0.01	1.6800e-004
tblVehicleEF	MDV	0.01	0.00
tblVehicleEF	MDV	1.28	0.07
tblVehicleEF	MDV	2.28	0.00
tblVehicleEF	MDV	500.91	127.71
tblVehicleEF	MDV	104.52	0.00
tblVehicleEF	MDV	0.12	0.01
tblVehicleEF	MDV	0.23	0.00
tblVehicleEF	MDV	1.7650e-003	1.6070e-003
tblVehicleEF	MDV	2.4290e-003	0.00
tblVehicleEF	MDV	1.6260e-003	1.5380e-003
tblVehicleEF	MDV	2.2340e-003	0.00
tblVehicleEF	MDV	0.16	7.4310e-003
tblVehicleEF	MDV	0.21	3.1770e-003
tblVehicleEF	MDV	0.15	3.5400e-003
tblVehicleEF	MDV	0.03	3.6220e-003
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.18	0.00
tblVehicleEF	MDV	5.0170e-003	1.2070e-003
tblVehicleEF	MDV	1.0850e-003	0.00

tblVehicleEF	MDV	0.16	7.4310e-003
tblVehicleEF	MDV	0.21	3.1770e-003
tblVehicleEF	MDV	0.15	3.5400e-003
tblVehicleEF	MDV	0.04	4.1230e-003
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.20	0.00
tblVehicleEF	MDV	9.3050e-003	1.6800e-004
tblVehicleEF	MDV	0.02	0.00
tblVehicleEF	MDV	1.04	0.07
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tblVehicleEF	MDV	104.52	0.00
tblVehicleEF	MDV	0.15	0.02
tblVehicleEF	MDV	0.29	0.00
tblVehicleEF	MDV	1.7650e-003	1.6070e-003
tblVehicleEF	MDV	2.4290e-003	0.00
tblVehicleEF	MDV	1.6260e-003	1.5380e-003
tblVehicleEF	MDV	2.2340e-003	0.00
tblVehicleEF	MDV	0.02	9.8000e-005
tblVehicleEF	MDV	0.19	3.1770e-003
tblVehicleEF	MDV	0.03	1.2000e-005
tblVehicleEF	MDV	0.02	3.6220e-003
tblVehicleEF	MDV	0.12	0.00
tblVehicleEF	MDV	0.26	0.00
tblVehicleEF	MDV	4.5490e-003	1.2070e-003
tblVehicleEF	MDV	1.1070e-003	0.00
tblVehicleEF	MDV	0.02	9.8000e-005

tblVehicleEF	MDV	0.19	3.1770e-003
tblVehicleEF	MDV	0.03	1.2000e-005
tblVehicleEF	MDV	0.03	4.1230e-003
tblVehicleEF	MDV	0.12	0.00
tblVehicleEF	MDV	0.28	0.00
tblVehicleEF	MH	0.03	1.8930e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.76	0.15
tblVehicleEF	MH	5.32	0.00
tblVehicleEF	MH	1,217.16	357.95
tblVehicleEF	MH	58.34	0.00
tblVehicleEF	MH	1.43	1.56
tblVehicleEF	MH	0.82	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.03	0.04
tblVehicleEF	MH	1.0260e-003	0.00
tblVehicleEF	MH	3.2280e-003	4.0000e-003
tblVehicleEF	MH	0.03	0.04
tblVehicleEF	MH	9.4400e-004	0.00
tblVehicleEF	MH	0.73	0.11
tblVehicleEF	MH	0.07	3.1770e-003
tblVehicleEF	MH	0.29	0.03
tblVehicleEF	MH	0.09	0.04
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.01	3.3840e-003
tblVehicleEF	MH	6.7600e-004	0.00

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tblVehicleEF	MH	0.03	0.04
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tblVehicleEF	MH	1.87	0.36
tblVehicleEF	MH	0.08	3.1770e-003
tblVehicleEF	MH	0.68	0.17
tblVehicleEF	MH	0.09	0.04
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.29	0.00
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tblVehicleEF	MH	0.08	3.1770e-003
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tblVehicleEF	MH	0.13	0.05
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.32	0.00
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tblVehicleEF	MH	0.03	0.04
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tblVehicleEF	UBUS	12.20	0.00
tblVehicleEF	UBUS	0.49	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	2.3780e-003
tblVehicleEF	UBUS	1.2590e-003	0.00
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.7930e-003
tblVehicleEF	UBUS	0.11	2.2750e-003
tblVehicleEF	UBUS	1.1580e-003	0.00
tblVehicleEF	UBUS	4.9160e-003	0.01
tblVehicleEF	UBUS	0.09	3.1770e-003
tblVehicleEF	UBUS	2.7030e-003	8.1900e-004
tblVehicleEF	UBUS	0.41	7.5300e-004
tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	0.98	0.00

tblVehicleEF	UBUS	0.02	5.5370e-003
tblVehicleEF	UBUS	1.7380e-003	0.00
tblVehicleEF	UBUS	4.9160e-003	0.01
tblVehicleEF	UBUS	0.09	3.1770e-003
tblVehicleEF	UBUS	2.7030e-003	8.1900e-004
tblVehicleEF	UBUS	0.68	0.05
tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	1.08	0.00
tblVehicleEF	UBUS	0.24	0.05
tblVehicleEF	UBUS	0.06	0.00
tblVehicleEF	UBUS	4.19	0.09
tblVehicleEF	UBUS	9.26	0.00
tblVehicleEF	UBUS	1,966.36	585.73
tblVehicleEF	UBUS	152.19	0.00
tblVehicleEF	UBUS	5.83	0.75
tblVehicleEF	UBUS	12.07	0.00
tblVehicleEF	UBUS	0.49	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	2.3780e-003
tblVehicleEF	UBUS	1.2590e-003	0.00
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.7930e-003
tblVehicleEF	UBUS	0.11	2.2750e-003
tblVehicleEF	UBUS	1.1580e-003	0.00
tblVehicleEF	UBUS	0.01	0.04
tblVehicleEF	UBUS	0.11	3.1770e-003
tblVehicleEF	UBUS	6.2310e-003	4.2620e-003

tblVehicleEF	UBUS	0.42	7.5300e-004
tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	0.85	0.00
tblVehicleEF	UBUS	0.02	5.5370e-003
tblVehicleEF	UBUS	1.6930e-003	0.00
tblVehicleEF	UBUS	0.01	0.04
tblVehicleEF	UBUS	0.11	3.1770e-003
tblVehicleEF	UBUS	6.2310e-003	4.2620e-003
tblVehicleEF	UBUS	0.69	0.05
tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	0.93	0.00
tblVehicleEF	UBUS	0.23	0.05
tblVehicleEF	UBUS	0.08	0.00
tblVehicleEF	UBUS	4.07	0.09
tblVehicleEF	UBUS	14.22	0.00
tblVehicleEF	UBUS	1,966.36	585.73
tblVehicleEF	UBUS	152.19	0.00
tblVehicleEF	UBUS	6.21	0.75
tblVehicleEF	UBUS	12.31	0.00
tblVehicleEF	UBUS	0.49	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	2.3780e-003
tblVehicleEF	UBUS	1.2590e-003	0.00
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.7930e-003
tblVehicleEF	UBUS	0.11	2.2750e-003
tblVehicleEF	UBUS	1.1580e-003	0.00

tblVehicleEF	UBUS	1.8230e-003	4.7300e-004
tblVehicleEF	UBUS	0.10	3.1770e-003
tblVehicleEF	UBUS	1.2370e-003	1.4000e-005
tblVehicleEF	UBUS	0.40	7.5300e-004
tblVehicleEF	UBUS	0.03	0.00
tblVehicleEF	UBUS	1.10	0.00
tblVehicleEF	UBUS	0.02	5.5370e-003
tblVehicleEF	UBUS	1.7790e-003	0.00
tblVehicleEF	UBUS	1.8230e-003	4.7300e-004
tblVehicleEF	UBUS	0.10	3.1770e-003
tblVehicleEF	UBUS	1.2370e-003	1.4000e-005
tblVehicleEF	UBUS	0.67	0.05
tblVehicleEF	UBUS	0.03	0.00
tblVehicleEF	UBUS	1.20	0.00
tblVehicleTrips	CC_TTP	28.00	0.00
tblVehicleTrips	CNW_TTP	13.00	0.00
tblVehicleTrips	CW_TL	9.50	20.53
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PR_TP	79.00	100.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	2.49	2.97
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	0.73	2.97
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	6.83	2.97

tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	IndoorWaterUseRate	3,293,406.35	0.00
tblWater	IndoorWaterUseRate	38,262,625.00	0.00
tblWater	OutdoorWaterUseRate	2,018,539.38	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2657	1.5267	1.2007	0.0108	1.5304	0.0206	1.5510	0.4349	0.0197	0.4545	0.0000	1,008.7392	1,008.7392	0.0122	0.0000	1,009.0447
Unmitigated	0.2657	1.5267	1.2007	0.0108	1.5304	0.0206	1.5510	0.4349	0.0197	0.4545	0.0000	1,008.7392	1,008.7392	0.0122	0.0000	1,009.0447

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Industrial Park	492.01	492.01	492.01	3,676,765	3,676,765
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	492.01	492.01	492.01	3,676,765	3,676,765

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Industrial Park	20.53	7.30	7.30	100.00	0.00	0.00	100	0	0
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.590657	0.037535	0.185105	0.118290	0.015611	0.005013	0.010768	0.024764	0.001635	0.001742	0.005351	0.002726	0.000802
Industrial Park	0.000000	0.000000	0.000000	0.000000	0.756934	0.243066	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Other Asphalt Surfaces	0.590657	0.037535	0.185105	0.118290	0.015611	0.005013	0.010768	0.024764	0.001635	0.001742	0.005351	0.002726	0.000802
Other Non-Asphalt Surfaces	0.590657	0.037535	0.185105	0.118290	0.015611	0.005013	0.010768	0.024764	0.001635	0.001742	0.005351	0.002726	0.000802
Parking Lot	0.590657	0.037535	0.185105	0.118290	0.015611	0.005013	0.010768	0.024764	0.001635	0.001742	0.005351	0.002726	0.000802

Scenario 4: HHDT_2023

Contra Costa County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	18.53	1000sqft	0.43	18,529.00	0
Industrial Park	165.46	1000sqft	3.80	165,456.00	0
Other Asphalt Surfaces	14.73	Acre	14.73	641,537.00	0
Other Non-Asphalt Surfaces	3.19	Acre	3.19	0.00	0
Parking Lot	9.74	Acre	9.74	424,302.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	5			**Operational Year**	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	206.29	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See assumptions file.

Land Use - See assumptions file.

Construction Phase -

Vehicle Trips - See assumptions file.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Area Coating - For mobile source emissions only.

Energy Use - For mobile source emissions only.

Water And Wastewater - For mobile source emissions only.

Solid Waste - For mobile source emissions only.

Energy Mitigation -

Water Mitigation -

Fleet Mix - See assumptions file.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	91993	0
tblAreaCoating	Area_Nonresidential_Interior	275978	0
tblAreaCoating	Area_Parking	63950	0
tblEnergyUse	LightingElect	3.58	0.00
tblEnergyUse	LightingElect	3.58	0.00
tblEnergyUse	NT24E	4.80	0.00
tblEnergyUse	NT24E	4.80	0.00
tblEnergyUse	NT24NG	1.01	0.00
tblEnergyUse	NT24NG	1.01	0.00
tblEnergyUse	T24E	4.10	0.00
tblEnergyUse	T24E	4.10	0.00
tblEnergyUse	T24NG	18.32	0.00
tblEnergyUse	T24NG	18.32	0.00

tblFleetMix	HHD	0.02	1.00
tblFleetMix	LDA	0.59	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	5.0130e-003	0.00
tblFleetMix	MCY	5.3510e-003	0.00
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MH	8.0200e-004	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	1.6350e-003	0.00
tblFleetMix	SBUS	2.7260e-003	0.00
tblFleetMix	UBUS	1.7420e-003	0.00
tblLandUse	LandUseSquareFeet	18,530.00	18,529.00
tblLandUse	LandUseSquareFeet	165,460.00	165,456.00
tblLandUse	LandUseSquareFeet	641,638.80	641,537.00
tblLandUse	LandUseSquareFeet	138,956.40	0.00
tblLandUse	LandUseSquareFeet	424,274.40	424,302.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	206.29
tblSolidWaste	SolidWasteGenerationRate	17.23	0.00
tblSolidWaste	SolidWasteGenerationRate	205.17	0.00
tblVehicleEF	HHD	0.42	0.02
tblVehicleEF	HHD	0.04	1.1180e-003
tblVehicleEF	HHD	0.09	0.00
tblVehicleEF	HHD	1.61	6.31
tblVehicleEF	HHD	0.83	0.23
tblVehicleEF	HHD	2.94	0.00

tblVehicleEF	HHD	4,403.05	1,057.88
tblVehicleEF	HHD	1,548.59	1,405.95
tblVehicleEF	HHD	8.87	0.00
tblVehicleEF	HHD	14.21	5.40
tblVehicleEF	HHD	1.96	2.68
tblVehicleEF	HHD	19.76	2.39
tblVehicleEF	HHD	8.9050e-003	2.6820e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	6.2570e-003	0.02
tblVehicleEF	HHD	9.7000e-005	0.00
tblVehicleEF	HHD	8.5190e-003	2.5660e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8090e-003	8.8650e-003
tblVehicleEF	HHD	5.9860e-003	0.02
tblVehicleEF	HHD	8.9000e-005	0.00
tblVehicleEF	HHD	8.2000e-005	0.00
tblVehicleEF	HHD	4.5240e-003	0.00
tblVehicleEF	HHD	0.42	0.43
tblVehicleEF	HHD	5.4000e-005	0.00
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	3.7700e-004	0.00
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	0.04	9.9940e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.3700e-004	0.00
tblVehicleEF	HHD	8.2000e-005	0.00

tblVehicleEF	HHD	4.5240e-003	0.00
tblVehicleEF	HHD	0.49	0.49
tblVehicleEF	HHD	5.4000e-005	0.00
tblVehicleEF	HHD	0.14	0.03
tblVehicleEF	HHD	3.7700e-004	0.00
tblVehicleEF	HHD	0.09	0.00
tblVehicleEF	HHD	0.40	0.02
tblVehicleEF	HHD	0.04	1.1180e-003
tblVehicleEF	HHD	0.09	0.00
tblVehicleEF	HHD	1.17	6.22
tblVehicleEF	HHD	0.84	0.23
tblVehicleEF	HHD	2.67	0.00
tblVehicleEF	HHD	4,664.64	1,045.98
tblVehicleEF	HHD	1,548.59	1,405.95
tblVehicleEF	HHD	8.87	0.00
tblVehicleEF	HHD	14.67	5.16
tblVehicleEF	HHD	1.89	2.58
tblVehicleEF	HHD	19.75	2.39
tblVehicleEF	HHD	7.5070e-003	2.3440e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	6.2570e-003	0.02
tblVehicleEF	HHD	9.7000e-005	0.00
tblVehicleEF	HHD	7.1820e-003	2.2430e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8090e-003	8.8650e-003
tblVehicleEF	HHD	5.9860e-003	0.02

tblVehicleEF	HHD	8.9000e-005	0.00
tblVehicleEF	HHD	2.2100e-004	0.00
tblVehicleEF	HHD	5.0360e-003	0.00
tblVehicleEF	HHD	0.40	0.46
tblVehicleEF	HHD	1.3800e-004	0.00
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	3.7200e-004	0.00
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	0.04	9.8820e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.3300e-004	0.00
tblVehicleEF	HHD	2.2100e-004	0.00
tblVehicleEF	HHD	5.0360e-003	0.00
tblVehicleEF	HHD	0.46	0.52
tblVehicleEF	HHD	1.3800e-004	0.00
tblVehicleEF	HHD	0.14	0.03
tblVehicleEF	HHD	3.7200e-004	0.00
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	0.46	0.02
tblVehicleEF	HHD	0.04	1.1180e-003
tblVehicleEF	HHD	0.10	0.00
tblVehicleEF	HHD	2.22	6.43
tblVehicleEF	HHD	0.83	0.23
tblVehicleEF	HHD	3.19	0.00
tblVehicleEF	HHD	4,041.81	1,074.32
tblVehicleEF	HHD	1,548.59	1,405.95
tblVehicleEF	HHD	8.87	0.00

tblVehicleEF	HHD	13.58	5.72
tblVehicleEF	HHD	1.99	2.72
tblVehicleEF	HHD	19.78	2.39
tblVehicleEF	HHD	0.01	3.1490e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	6.2570e-003	0.02
tblVehicleEF	HHD	9.7000e-005	0.00
tblVehicleEF	HHD	0.01	3.0120e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8090e-003	8.8650e-003
tblVehicleEF	HHD	5.9860e-003	0.02
tblVehicleEF	HHD	8.9000e-005	0.00
tblVehicleEF	HHD	3.0000e-005	0.00
tblVehicleEF	HHD	4.7590e-003	0.00
tblVehicleEF	HHD	0.45	0.40
tblVehicleEF	HHD	2.2000e-005	0.00
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	4.1600e-004	0.00
tblVehicleEF	HHD	0.09	0.00
tblVehicleEF	HHD	0.04	0.01
tblVehicleEF	HHD	0.01	0.01
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tblVehicleEF	HHD	3.0000e-005	0.00
tblVehicleEF	HHD	4.7590e-003	0.00
tblVehicleEF	HHD	0.53	0.45
tblVehicleEF	HHD	2.2000e-005	0.00

tblVehicleEF	HHD	0.14	0.03
tblVehicleEF	HHD	4.1600e-004	0.00
tblVehicleEF	HHD	0.09	0.00
tblVehicleEF	LDA	3.6390e-003	5.7200e-004
tblVehicleEF	LDA	5.1560e-003	0.00
tblVehicleEF	LDA	0.51	0.20
tblVehicleEF	LDA	1.15	0.00
tblVehicleEF	LDA	240.15	202.40
tblVehicleEF	LDA	55.03	0.00
tblVehicleEF	LDA	0.05	0.07
tblVehicleEF	LDA	0.07	0.00
tblVehicleEF	LDA	1.7300e-003	6.1360e-003
tblVehicleEF	LDA	2.3020e-003	0.00
tblVehicleEF	LDA	1.5950e-003	5.8700e-003
tblVehicleEF	LDA	2.1170e-003	0.00
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.10	0.00
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	9.1890e-003	0.01
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	0.07	0.00
tblVehicleEF	LDA	2.4040e-003	1.9130e-003
tblVehicleEF	LDA	5.7000e-004	0.00
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.10	0.00
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.01	0.01

tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	4.1310e-003	5.7200e-004
tblVehicleEF	LDA	4.1520e-003	0.00
tblVehicleEF	LDA	0.62	0.20
tblVehicleEF	LDA	0.88	0.00
tblVehicleEF	LDA	262.57	202.40
tblVehicleEF	LDA	55.03	0.00
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.06	0.00
tblVehicleEF	LDA	1.7300e-003	6.1360e-003
tblVehicleEF	LDA	2.3020e-003	0.00
tblVehicleEF	LDA	1.5950e-003	5.8700e-003
tblVehicleEF	LDA	2.1170e-003	0.00
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	0.11	0.00
tblVehicleEF	LDA	0.06	0.00
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.06	0.00
tblVehicleEF	LDA	2.6300e-003	1.9130e-003
tblVehicleEF	LDA	5.6500e-004	0.00
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	0.11	0.00
tblVehicleEF	LDA	0.06	0.00
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.03	0.00

tblVehicleEF	LDA	0.06	0.00
tblVehicleEF	LDA	3.5350e-003	5.7200e-004
tblVehicleEF	LDA	5.8980e-003	0.00
tblVehicleEF	LDA	0.50	0.20
tblVehicleEF	LDA	1.37	0.00
tblVehicleEF	LDA	237.07	202.40
tblVehicleEF	LDA	55.03	0.00
tblVehicleEF	LDA	0.05	0.07
tblVehicleEF	LDA	0.07	0.00
tblVehicleEF	LDA	1.7300e-003	6.1360e-003
tblVehicleEF	LDA	2.3020e-003	0.00
tblVehicleEF	LDA	1.5950e-003	5.8700e-003
tblVehicleEF	LDA	2.1170e-003	0.00
tblVehicleEF	LDA	9.9280e-003	0.00
tblVehicleEF	LDA	0.10	0.00
tblVehicleEF	LDA	0.01	0.00
tblVehicleEF	LDA	8.9340e-003	0.01
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	2.3730e-003	1.9130e-003
tblVehicleEF	LDA	5.7300e-004	0.00
tblVehicleEF	LDA	9.9280e-003	0.00
tblVehicleEF	LDA	0.10	0.00
tblVehicleEF	LDA	0.01	0.00
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	0.09	0.00

tblVehicleEF	LDT1	7.6860e-003	8.1800e-003
tblVehicleEF	LDT1	0.01	0.00
tblVehicleEF	LDT1	0.97	1.17
tblVehicleEF	LDT1	2.57	0.00
tblVehicleEF	LDT1	298.93	420.52
tblVehicleEF	LDT1	69.03	0.00
tblVehicleEF	LDT1	0.10	1.08
tblVehicleEF	LDT1	0.15	0.00
tblVehicleEF	LDT1	2.1650e-003	0.13
tblVehicleEF	LDT1	3.0280e-003	0.00
tblVehicleEF	LDT1	1.9930e-003	0.12
tblVehicleEF	LDT1	2.7840e-003	0.00
tblVehicleEF	LDT1	0.09	0.00
tblVehicleEF	LDT1	0.23	0.00
tblVehicleEF	LDT1	0.08	0.00
tblVehicleEF	LDT1	0.02	0.18
tblVehicleEF	LDT1	0.15	0.00
tblVehicleEF	LDT1	0.17	0.00
tblVehicleEF	LDT1	3.0000e-003	3.9750e-003
tblVehicleEF	LDT1	7.3500e-004	0.00
tblVehicleEF	LDT1	0.09	0.00
tblVehicleEF	LDT1	0.23	0.00
tblVehicleEF	LDT1	0.08	0.00
tblVehicleEF	LDT1	0.03	0.20
tblVehicleEF	LDT1	0.15	0.00
tblVehicleEF	LDT1	0.19	0.00
tblVehicleEF	LDT1	8.6410e-003	8.1800e-003

tblVehicleEF	LDT1	0.01	0.00
tblVehicleEF	LDT1	1.16	1.17
tblVehicleEF	LDT1	1.95	0.00
tblVehicleEF	LDT1	325.86	420.52
tblVehicleEF	LDT1	69.03	0.00
tblVehicleEF	LDT1	0.09	1.03
tblVehicleEF	LDT1	0.13	0.00
tblVehicleEF	LDT1	2.1650e-003	0.13
tblVehicleEF	LDT1	3.0280e-003	0.00
tblVehicleEF	LDT1	1.9930e-003	0.12
tblVehicleEF	LDT1	2.7840e-003	0.00
tblVehicleEF	LDT1	0.22	0.00
tblVehicleEF	LDT1	0.27	0.00
tblVehicleEF	LDT1	0.17	0.00
tblVehicleEF	LDT1	0.02	0.18
tblVehicleEF	LDT1	0.14	0.00
tblVehicleEF	LDT1	0.14	0.00
tblVehicleEF	LDT1	3.2720e-003	3.9750e-003
tblVehicleEF	LDT1	7.2400e-004	0.00
tblVehicleEF	LDT1	0.22	0.00
tblVehicleEF	LDT1	0.27	0.00
tblVehicleEF	LDT1	0.17	0.00
tblVehicleEF	LDT1	0.03	0.20
tblVehicleEF	LDT1	0.14	0.00
tblVehicleEF	LDT1	0.15	0.00
tblVehicleEF	LDT1	7.5150e-003	8.1800e-003
tblVehicleEF	LDT1	0.01	0.00

tblVehicleEF	LDT1	0.96	1.17
tblVehicleEF	LDT1	3.07	0.00
tblVehicleEF	LDT1	295.24	420.52
tblVehicleEF	LDT1	69.03	0.00
tblVehicleEF	LDT1	0.11	1.09
tblVehicleEF	LDT1	0.16	0.00
tblVehicleEF	LDT1	2.1650e-003	0.13
tblVehicleEF	LDT1	3.0280e-003	0.00
tblVehicleEF	LDT1	1.9930e-003	0.12
tblVehicleEF	LDT1	2.7840e-003	0.00
tblVehicleEF	LDT1	0.03	0.00
tblVehicleEF	LDT1	0.25	0.00
tblVehicleEF	LDT1	0.03	0.00
tblVehicleEF	LDT1	0.02	0.18
tblVehicleEF	LDT1	0.18	0.00
tblVehicleEF	LDT1	0.20	0.00
tblVehicleEF	LDT1	2.9630e-003	3.9750e-003
tblVehicleEF	LDT1	7.4400e-004	0.00
tblVehicleEF	LDT1	0.03	0.00
tblVehicleEF	LDT1	0.25	0.00
tblVehicleEF	LDT1	0.03	0.00
tblVehicleEF	LDT1	0.03	0.20
tblVehicleEF	LDT1	0.18	0.00
tblVehicleEF	LDT1	0.21	0.00
tblVehicleEF	LDT2	4.8110e-003	6.1400e-004
tblVehicleEF	LDT2	6.5330e-003	0.00
tblVehicleEF	LDT2	0.65	0.12

tblVehicleEF	LDT2	1.45	0.00
tblVehicleEF	LDT2	336.88	276.99
tblVehicleEF	LDT2	77.47	0.00
tblVehicleEF	LDT2	0.07	0.04
tblVehicleEF	LDT2	0.11	0.00
tblVehicleEF	LDT2	1.6670e-003	4.5010e-003
tblVehicleEF	LDT2	2.2840e-003	0.00
tblVehicleEF	LDT2	1.5330e-003	4.3060e-003
tblVehicleEF	LDT2	2.1000e-003	0.00
tblVehicleEF	LDT2	0.04	0.00
tblVehicleEF	LDT2	0.11	0.00
tblVehicleEF	LDT2	0.04	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.00
tblVehicleEF	LDT2	0.09	0.00
tblVehicleEF	LDT2	3.3730e-003	2.6190e-003
tblVehicleEF	LDT2	7.9900e-004	0.00
tblVehicleEF	LDT2	0.04	0.00
tblVehicleEF	LDT2	0.11	0.00
tblVehicleEF	LDT2	0.04	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.00
tblVehicleEF	LDT2	0.10	0.00
tblVehicleEF	LDT2	5.4550e-003	6.1400e-004
tblVehicleEF	LDT2	5.2650e-003	0.00
tblVehicleEF	LDT2	0.79	0.12
tblVehicleEF	LDT2	1.11	0.00

tblVehicleEF	LDT2	367.69	276.99
tblVehicleEF	LDT2	77.47	0.00
tblVehicleEF	LDT2	0.06	0.03
tblVehicleEF	LDT2	0.10	0.00
tblVehicleEF	LDT2	1.6670e-003	4.5010e-003
tblVehicleEF	LDT2	2.2840e-003	0.00
tblVehicleEF	LDT2	1.5330e-003	4.3060e-003
tblVehicleEF	LDT2	2.1000e-003	0.00
tblVehicleEF	LDT2	0.10	0.00
tblVehicleEF	LDT2	0.12	0.00
tblVehicleEF	LDT2	0.09	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.00
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	3.6830e-003	2.6190e-003
tblVehicleEF	LDT2	7.9300e-004	0.00
tblVehicleEF	LDT2	0.10	0.00
tblVehicleEF	LDT2	0.12	0.00
tblVehicleEF	LDT2	0.09	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.00
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	4.6690e-003	6.1400e-004
tblVehicleEF	LDT2	7.4660e-003	0.00
tblVehicleEF	LDT2	0.64	0.12
tblVehicleEF	LDT2	1.72	0.00
tblVehicleEF	LDT2	332.66	276.99

tblVehicleEF	LDT2	77.47	0.00
tblVehicleEF	LDT2	0.07	0.04
tblVehicleEF	LDT2	0.12	0.00
tblVehicleEF	LDT2	1.6670e-003	4.5010e-003
tblVehicleEF	LDT2	2.2840e-003	0.00
tblVehicleEF	LDT2	1.5330e-003	4.3060e-003
tblVehicleEF	LDT2	2.1000e-003	0.00
tblVehicleEF	LDT2	0.01	0.00
tblVehicleEF	LDT2	0.11	0.00
tblVehicleEF	LDT2	0.02	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.10	0.00
tblVehicleEF	LDT2	3.3310e-003	2.6190e-003
tblVehicleEF	LDT2	8.0400e-004	0.00
tblVehicleEF	LDT2	0.01	0.00
tblVehicleEF	LDT2	0.11	0.00
tblVehicleEF	LDT2	0.02	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.11	0.00
tblVehicleEF	LHD1	5.1020e-003	4.0500e-004
tblVehicleEF	LHD1	0.02	7.8800e-003
tblVehicleEF	LHD1	0.02	0.00
tblVehicleEF	LHD1	0.14	0.07
tblVehicleEF	LHD1	1.06	0.76
tblVehicleEF	LHD1	2.42	0.00

tblVehicleEF	LHD1	9.16	10.69
tblVehicleEF	LHD1	688.30	550.02
tblVehicleEF	LHD1	30.44	0.00
tblVehicleEF	LHD1	0.08	0.17
tblVehicleEF	LHD1	1.51	1.96
tblVehicleEF	LHD1	0.97	0.00
tblVehicleEF	LHD1	9.5100e-004	2.2030e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	8.9000e-004	0.00
tblVehicleEF	LHD1	9.1000e-004	2.1080e-003
tblVehicleEF	LHD1	2.5410e-003	3.0000e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	8.1800e-004	0.00
tblVehicleEF	LHD1	2.3270e-003	0.00
tblVehicleEF	LHD1	0.10	0.00
tblVehicleEF	LHD1	0.02	8.7260e-003
tblVehicleEF	LHD1	1.3250e-003	0.00
tblVehicleEF	LHD1	0.13	0.17
tblVehicleEF	LHD1	0.32	0.00
tblVehicleEF	LHD1	0.25	0.00
tblVehicleEF	LHD1	9.2000e-005	1.0100e-004
tblVehicleEF	LHD1	6.7490e-003	5.2000e-003
tblVehicleEF	LHD1	3.5000e-004	0.00
tblVehicleEF	LHD1	2.3270e-003	0.00
tblVehicleEF	LHD1	0.10	0.00
tblVehicleEF	LHD1	0.02	9.9340e-003

tblVehicleEF	LHD1	1.3250e-003	0.00
tblVehicleEF	LHD1	0.16	0.19
tblVehicleEF	LHD1	0.32	0.00
tblVehicleEF	LHD1	0.27	0.00
tblVehicleEF	LHD1	5.1020e-003	4.0500e-004
tblVehicleEF	LHD1	0.02	7.8800e-003
tblVehicleEF	LHD1	0.02	0.00
tblVehicleEF	LHD1	0.14	0.07
tblVehicleEF	LHD1	1.08	0.76
tblVehicleEF	LHD1	2.21	0.00
tblVehicleEF	LHD1	9.16	10.69
tblVehicleEF	LHD1	688.30	550.02
tblVehicleEF	LHD1	30.44	0.00
tblVehicleEF	LHD1	0.08	0.17
tblVehicleEF	LHD1	1.45	1.90
tblVehicleEF	LHD1	0.90	0.00
tblVehicleEF	LHD1	9.5100e-004	2.2030e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	8.9000e-004	0.00
tblVehicleEF	LHD1	9.1000e-004	2.1080e-003
tblVehicleEF	LHD1	2.5410e-003	3.0000e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	8.1800e-004	0.00
tblVehicleEF	LHD1	5.9140e-003	0.00
tblVehicleEF	LHD1	0.11	0.00
tblVehicleEF	LHD1	0.02	8.7260e-003

tblVehicleEF	LHD1	3.0460e-003	0.00
tblVehicleEF	LHD1	0.13	0.17
tblVehicleEF	LHD1	0.31	0.00
tblVehicleEF	LHD1	0.23	0.00
tblVehicleEF	LHD1	9.2000e-005	1.0100e-004
tblVehicleEF	LHD1	6.7490e-003	5.2000e-003
tblVehicleEF	LHD1	3.4600e-004	0.00
tblVehicleEF	LHD1	5.9140e-003	0.00
tblVehicleEF	LHD1	0.11	0.00
tblVehicleEF	LHD1	0.02	9.9340e-003
tblVehicleEF	LHD1	3.0460e-003	0.00
tblVehicleEF	LHD1	0.16	0.19
tblVehicleEF	LHD1	0.31	0.00
tblVehicleEF	LHD1	0.25	0.00
tblVehicleEF	LHD1	5.1020e-003	4.0500e-004
tblVehicleEF	LHD1	0.02	7.8800e-003
tblVehicleEF	LHD1	0.02	0.00
tblVehicleEF	LHD1	0.14	0.07
tblVehicleEF	LHD1	1.04	0.76
tblVehicleEF	LHD1	2.62	0.00
tblVehicleEF	LHD1	9.16	10.69
tblVehicleEF	LHD1	688.30	550.02
tblVehicleEF	LHD1	30.44	0.00
tblVehicleEF	LHD1	0.08	0.17
tblVehicleEF	LHD1	1.54	1.99
tblVehicleEF	LHD1	1.04	0.00
tblVehicleEF	LHD1	9.5100e-004	2.2030e-003

tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	8.9000e-004	0.00
tblVehicleEF	LHD1	9.1000e-004	2.1080e-003
tblVehicleEF	LHD1	2.5410e-003	3.0000e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	8.1800e-004	0.00
tblVehicleEF	LHD1	8.2100e-004	0.00
tblVehicleEF	LHD1	0.11	0.00
tblVehicleEF	LHD1	0.02	8.7260e-003
tblVehicleEF	LHD1	5.8900e-004	0.00
tblVehicleEF	LHD1	0.13	0.17
tblVehicleEF	LHD1	0.35	0.00
tblVehicleEF	LHD1	0.26	0.00
tblVehicleEF	LHD1	9.2000e-005	1.0100e-004
tblVehicleEF	LHD1	6.7480e-003	5.2000e-003
tblVehicleEF	LHD1	3.5400e-004	0.00
tblVehicleEF	LHD1	8.2100e-004	0.00
tblVehicleEF	LHD1	0.11	0.00
tblVehicleEF	LHD1	0.02	9.9340e-003
tblVehicleEF	LHD1	5.8900e-004	0.00
tblVehicleEF	LHD1	0.16	0.19
tblVehicleEF	LHD1	0.35	0.00
tblVehicleEF	LHD1	0.29	0.00
tblVehicleEF	LHD2	3.2260e-003	4.0500e-004
tblVehicleEF	LHD2	7.5270e-003	7.1960e-003
tblVehicleEF	LHD2	6.3400e-003	0.00

tblVehicleEF	LHD2	0.12	0.07
tblVehicleEF	LHD2	0.58	0.69
tblVehicleEF	LHD2	1.07	0.00
tblVehicleEF	LHD2	14.25	17.06
tblVehicleEF	LHD2	705.97	613.72
tblVehicleEF	LHD2	22.79	0.00
tblVehicleEF	LHD2	0.11	0.16
tblVehicleEF	LHD2	0.90	1.46
tblVehicleEF	LHD2	0.43	0.00
tblVehicleEF	LHD2	1.2870e-003	2.2090e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.7300e-004	0.00
tblVehicleEF	LHD2	1.2310e-003	2.1140e-003
tblVehicleEF	LHD2	2.7030e-003	3.0000e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.4300e-004	0.00
tblVehicleEF	LHD2	6.7600e-004	0.00
tblVehicleEF	LHD2	0.03	0.00
tblVehicleEF	LHD2	0.01	8.7260e-003
tblVehicleEF	LHD2	4.1400e-004	0.00
tblVehicleEF	LHD2	0.11	0.15
tblVehicleEF	LHD2	0.06	0.00
tblVehicleEF	LHD2	0.09	0.00
tblVehicleEF	LHD2	1.3900e-004	1.6100e-004
tblVehicleEF	LHD2	6.8600e-003	5.8020e-003
tblVehicleEF	LHD2	2.4700e-004	0.00

tblVehicleEF	LHD2	6.7600e-004	0.00
tblVehicleEF	LHD2	0.03	0.00
tblVehicleEF	LHD2	0.02	9.9340e-003
tblVehicleEF	LHD2	4.1400e-004	0.00
tblVehicleEF	LHD2	0.13	0.18
tblVehicleEF	LHD2	0.06	0.00
tblVehicleEF	LHD2	0.09	0.00
tblVehicleEF	LHD2	3.2260e-003	4.0500e-004
tblVehicleEF	LHD2	7.6300e-003	7.1960e-003
tblVehicleEF	LHD2	5.9600e-003	0.00
tblVehicleEF	LHD2	0.12	0.07
tblVehicleEF	LHD2	0.59	0.69
tblVehicleEF	LHD2	0.98	0.00
tblVehicleEF	LHD2	14.25	17.06
tblVehicleEF	LHD2	705.97	613.72
tblVehicleEF	LHD2	22.79	0.00
tblVehicleEF	LHD2	0.11	0.16
tblVehicleEF	LHD2	0.86	1.41
tblVehicleEF	LHD2	0.40	0.00
tblVehicleEF	LHD2	1.2870e-003	2.2090e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.7300e-004	0.00
tblVehicleEF	LHD2	1.2310e-003	2.1140e-003
tblVehicleEF	LHD2	2.7030e-003	3.0000e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.4300e-004	0.00

tblVehicleEF	LHD2	1.7050e-003	0.00
tblVehicleEF	LHD2	0.03	0.00
tblVehicleEF	LHD2	0.01	8.7260e-003
tblVehicleEF	LHD2	9.4900e-004	0.00
tblVehicleEF	LHD2	0.11	0.15
tblVehicleEF	LHD2	0.06	0.00
tblVehicleEF	LHD2	0.08	0.00
tblVehicleEF	LHD2	1.3900e-004	1.6100e-004
tblVehicleEF	LHD2	6.8600e-003	5.8020e-003
tblVehicleEF	LHD2	2.4600e-004	0.00
tblVehicleEF	LHD2	1.7050e-003	0.00
tblVehicleEF	LHD2	0.03	0.00
tblVehicleEF	LHD2	0.02	9.9340e-003
tblVehicleEF	LHD2	9.4900e-004	0.00
tblVehicleEF	LHD2	0.13	0.18
tblVehicleEF	LHD2	0.06	0.00
tblVehicleEF	LHD2	0.09	0.00
tblVehicleEF	LHD2	3.2260e-003	4.0500e-004
tblVehicleEF	LHD2	7.4430e-003	7.1960e-003
tblVehicleEF	LHD2	6.6650e-003	0.00
tblVehicleEF	LHD2	0.12	0.07
tblVehicleEF	LHD2	0.58	0.69
tblVehicleEF	LHD2	1.15	0.00
tblVehicleEF	LHD2	14.25	17.06
tblVehicleEF	LHD2	705.97	613.72
tblVehicleEF	LHD2	22.79	0.00
tblVehicleEF	LHD2	0.11	0.16

tblVehicleEF	LHD2	0.91	1.48
tblVehicleEF	LHD2	0.46	0.00
tblVehicleEF	LHD2	1.2870e-003	2.2090e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.7300e-004	0.00
tblVehicleEF	LHD2	1.2310e-003	2.1140e-003
tblVehicleEF	LHD2	2.7030e-003	3.0000e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.4300e-004	0.00
tblVehicleEF	LHD2	2.5800e-004	0.00
tblVehicleEF	LHD2	0.03	0.00
tblVehicleEF	LHD2	0.01	8.7260e-003
tblVehicleEF	LHD2	1.8800e-004	0.00
tblVehicleEF	LHD2	0.11	0.15
tblVehicleEF	LHD2	0.06	0.00
tblVehicleEF	LHD2	0.09	0.00
tblVehicleEF	LHD2	1.3900e-004	1.6100e-004
tblVehicleEF	LHD2	6.8600e-003	5.8020e-003
tblVehicleEF	LHD2	2.4900e-004	0.00
tblVehicleEF	LHD2	2.5800e-004	0.00
tblVehicleEF	LHD2	0.03	0.00
tblVehicleEF	LHD2	0.02	9.9340e-003
tblVehicleEF	LHD2	1.8800e-004	0.00
tblVehicleEF	LHD2	0.13	0.18
tblVehicleEF	LHD2	0.06	0.00
tblVehicleEF	LHD2	0.10	0.00

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tblVehicleEF	MCY	0.16	0.00
tblVehicleEF	MCY	20.06	0.00
tblVehicleEF	MCY	10.20	0.00
tblVehicleEF	MCY	173.01	0.00
tblVehicleEF	MCY	46.02	0.00
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tblVehicleEF	MCY	2.0750e-003	0.00
tblVehicleEF	MCY	3.9450e-003	0.00
tblVehicleEF	MCY	5.0400e-003	0.00
tblVehicleEF	MCY	1.0000e-003	0.00
tblVehicleEF	MCY	1.9420e-003	0.00
tblVehicleEF	MCY	3.7210e-003	0.00
tblVehicleEF	MCY	0.88	0.00
tblVehicleEF	MCY	0.76	0.00
tblVehicleEF	MCY	0.56	0.00
tblVehicleEF	MCY	2.29	0.00
tblVehicleEF	MCY	0.62	0.00
tblVehicleEF	MCY	2.25	0.00
tblVehicleEF	MCY	2.1250e-003	0.00
tblVehicleEF	MCY	6.9300e-004	0.00
tblVehicleEF	MCY	0.88	0.00
tblVehicleEF	MCY	0.76	0.00
tblVehicleEF	MCY	0.56	0.00

tblVehicleEF	MCY	2.83	0.00
tblVehicleEF	MCY	0.62	0.00
tblVehicleEF	MCY	2.45	0.00
tblVehicleEF	MCY	0.44	0.00
tblVehicleEF	MCY	0.13	0.00
tblVehicleEF	MCY	19.31	0.00
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tblVehicleEF	MCY	0.29	0.00
tblVehicleEF	MCY	0.01	0.00
tblVehicleEF	MCY	4.0000e-003	0.00
tblVehicleEF	MCY	2.0750e-003	0.00
tblVehicleEF	MCY	3.9450e-003	0.00
tblVehicleEF	MCY	5.0400e-003	0.00
tblVehicleEF	MCY	1.0000e-003	0.00
tblVehicleEF	MCY	1.9420e-003	0.00
tblVehicleEF	MCY	3.7210e-003	0.00
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tblVehicleEF	MCY	1.08	0.00
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tblVehicleEF	MCY	6.5900e-004	0.00

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tblVehicleEF	MCY	173.01	0.00
tblVehicleEF	MCY	46.02	0.00
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tblVehicleEF	MCY	0.35	0.00
tblVehicleEF	MCY	0.01	0.00
tblVehicleEF	MCY	4.0000e-003	0.00
tblVehicleEF	MCY	2.0750e-003	0.00
tblVehicleEF	MCY	3.9450e-003	0.00
tblVehicleEF	MCY	5.0400e-003	0.00
tblVehicleEF	MCY	1.0000e-003	0.00
tblVehicleEF	MCY	1.9420e-003	0.00
tblVehicleEF	MCY	3.7210e-003	0.00
tblVehicleEF	MCY	0.17	0.00
tblVehicleEF	MCY	0.88	0.00
tblVehicleEF	MCY	0.17	0.00
tblVehicleEF	MCY	2.40	0.00
tblVehicleEF	MCY	0.73	0.00

tblVehicleEF	MCY	2.64	0.00
tblVehicleEF	MCY	2.1570e-003	0.00
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tblVehicleEF	MCY	0.17	0.00
tblVehicleEF	MCY	0.88	0.00
tblVehicleEF	MCY	0.17	0.00
tblVehicleEF	MCY	2.96	0.00
tblVehicleEF	MCY	0.73	0.00
tblVehicleEF	MCY	2.88	0.00
tblVehicleEF	MDV	9.5600e-003	4.8100e-004
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tblVehicleEF	MDV	1.06	0.19
tblVehicleEF	MDV	2.97	0.00
tblVehicleEF	MDV	460.03	364.88
tblVehicleEF	MDV	104.52	0.00
tblVehicleEF	MDV	0.13	0.04
tblVehicleEF	MDV	0.27	0.00
tblVehicleEF	MDV	1.7650e-003	4.5920e-003
tblVehicleEF	MDV	2.4290e-003	0.00
tblVehicleEF	MDV	1.6260e-003	4.3940e-003
tblVehicleEF	MDV	2.2340e-003	0.00
tblVehicleEF	MDV	0.06	0.00
tblVehicleEF	MDV	0.18	0.00
tblVehicleEF	MDV	0.07	0.00
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.23	0.00

tblVehicleEF	MDV	4.6060e-003	3.4490e-003
tblVehicleEF	MDV	1.0970e-003	0.00
tblVehicleEF	MDV	0.06	0.00
tblVehicleEF	MDV	0.18	0.00
tblVehicleEF	MDV	0.07	0.00
tblVehicleEF	MDV	0.03	0.01
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.25	0.00
tblVehicleEF	MDV	0.01	4.8100e-004
tblVehicleEF	MDV	0.01	0.00
tblVehicleEF	MDV	1.28	0.19
tblVehicleEF	MDV	2.28	0.00
tblVehicleEF	MDV	500.91	364.88
tblVehicleEF	MDV	104.52	0.00
tblVehicleEF	MDV	0.12	0.04
tblVehicleEF	MDV	0.23	0.00
tblVehicleEF	MDV	1.7650e-003	4.5920e-003
tblVehicleEF	MDV	2.4290e-003	0.00
tblVehicleEF	MDV	1.6260e-003	4.3940e-003
tblVehicleEF	MDV	2.2340e-003	0.00
tblVehicleEF	MDV	0.16	0.00
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tblVehicleEF	MDV	0.15	0.00
tblVehicleEF	MDV	0.03	0.01
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.18	0.00
tblVehicleEF	MDV	5.0170e-003	3.4490e-003

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tblVehicleEF	MDV	0.16	0.00
tblVehicleEF	MDV	0.21	0.00
tblVehicleEF	MDV	0.15	0.00
tblVehicleEF	MDV	0.04	0.01
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.20	0.00
tblVehicleEF	MDV	9.3050e-003	4.8100e-004
tblVehicleEF	MDV	0.02	0.00
tblVehicleEF	MDV	1.04	0.19
tblVehicleEF	MDV	3.54	0.00
tblVehicleEF	MDV	454.42	364.88
tblVehicleEF	MDV	104.52	0.00
tblVehicleEF	MDV	0.15	0.04
tblVehicleEF	MDV	0.29	0.00
tblVehicleEF	MDV	1.7650e-003	4.5920e-003
tblVehicleEF	MDV	2.4290e-003	0.00
tblVehicleEF	MDV	1.6260e-003	4.3940e-003
tblVehicleEF	MDV	2.2340e-003	0.00
tblVehicleEF	MDV	0.02	0.00
tblVehicleEF	MDV	0.19	0.00
tblVehicleEF	MDV	0.03	0.00
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.12	0.00
tblVehicleEF	MDV	0.26	0.00
tblVehicleEF	MDV	4.5490e-003	3.4490e-003
tblVehicleEF	MDV	1.1070e-003	0.00

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tblVehicleEF	MDV	0.19	0.00
tblVehicleEF	MDV	0.03	0.00
tblVehicleEF	MDV	0.03	0.01
tblVehicleEF	MDV	0.12	0.00
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tblVehicleEF	MH	0.03	5.4090e-003
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tblVehicleEF	MH	0.03	0.10
tblVehicleEF	MH	9.4400e-004	0.00
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tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.29	0.00
tblVehicleEF	MH	0.09	0.12
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.31	0.00
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tblVehicleEF	MH	0.73	0.00
tblVehicleEF	MH	0.07	0.00
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tblVehicleEF	MH	0.12	0.13
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.34	0.00
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tblVehicleEF	MH	0.29	0.00

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tblVehicleEF	MH	0.08	0.00
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tblVehicleEF	MH	0.09	0.12
tblVehicleEF	MH	0.02	0.00

tblVehicleEF	MH	0.33	0.00
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tblVehicleEF	MH	0.08	0.00
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tblVehicleEF	MHD	0.02	0.00
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tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	4.9300e-004	0.00
tblVehicleEF	MHD	0.05	0.01
tblVehicleEF	MHD	0.02	0.00
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tblVehicleEF	MHD	0.02	0.00
tblVehicleEF	MHD	0.33	0.00
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tblVehicleEF	MHD	0.01	9.6410e-003
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tblVehicleEF	MHD	1.9700e-004	9.0500e-004
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tblVehicleEF	MHD	1.8800e-004	8.6600e-004
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tblVehicleEF	MHD	2.9000e-004	0.00
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tblVehicleEF	MHD	2.0700e-004	0.00
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tblVehicleEF	MHD	0.03	0.00
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tblVehicleEF	MHD	0.01	9.6410e-003
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tblVehicleEF	MHD	2.9000e-004	0.00

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tblVehicleEF	MHD	0.04	0.01
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tblVehicleEF	OBUS	2.2850e-003	0.01
tblVehicleEF	OBUS	8.3600e-004	0.00
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tblVehicleEF	OBUS	2.1610e-003	0.01
tblVehicleEF	OBUS	7.6900e-004	0.00
tblVehicleEF	OBUS	1.1280e-003	0.00
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tblVehicleEF	OBUS	0.03	0.09

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tblVehicleEF	OBUS	7.9500e-004	0.00
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tblVehicleEF	OBUS	2.2850e-003	0.01
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tblVehicleEF	OBUS	0.04	0.00
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tblVehicleEF	OBUS	7.2100e-004	2.6210e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8500e-004	0.00
tblVehicleEF	OBUS	2.7790e-003	0.00
tblVehicleEF	OBUS	0.02	0.00
tblVehicleEF	OBUS	0.04	0.11
tblVehicleEF	OBUS	1.2970e-003	0.00
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	0.04	0.00
tblVehicleEF	OBUS	0.36	0.00
tblVehicleEF	OBUS	0.01	3.9490e-003
tblVehicleEF	OBUS	9.1390e-003	6.1800e-004
tblVehicleEF	OBUS	0.03	0.00
tblVehicleEF	OBUS	0.25	1.51
tblVehicleEF	OBUS	0.58	0.15

tblVehicleEF	OBUS	6.24	0.00
tblVehicleEF	OBUS	66.62	286.41
tblVehicleEF	OBUS	1,281.05	1,214.51
tblVehicleEF	OBUS	69.35	0.00
tblVehicleEF	OBUS	0.13	1.37
tblVehicleEF	OBUS	0.77	1.91
tblVehicleEF	OBUS	2.28	2.21
tblVehicleEF	OBUS	1.5000e-005	5.0200e-004
tblVehicleEF	OBUS	2.2850e-003	0.01
tblVehicleEF	OBUS	8.3600e-004	0.00
tblVehicleEF	OBUS	1.5000e-005	4.8000e-004
tblVehicleEF	OBUS	2.1610e-003	0.01
tblVehicleEF	OBUS	7.6900e-004	0.00
tblVehicleEF	OBUS	4.9100e-004	0.00
tblVehicleEF	OBUS	0.02	0.00
tblVehicleEF	OBUS	0.03	0.09
tblVehicleEF	OBUS	2.6400e-004	0.00
tblVehicleEF	OBUS	0.04	0.01
tblVehicleEF	OBUS	0.04	0.00
tblVehicleEF	OBUS	0.38	0.00
tblVehicleEF	OBUS	6.4800e-004	2.7060e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.0300e-004	0.00
tblVehicleEF	OBUS	4.9100e-004	0.00
tblVehicleEF	OBUS	0.02	0.00
tblVehicleEF	OBUS	0.04	0.10
tblVehicleEF	OBUS	2.6400e-004	0.00

tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	0.04	0.00
tblVehicleEF	OBUS	0.41	0.00
tblVehicleEF	SBUS	0.89	1.0930e-003
tblVehicleEF	SBUS	6.3360e-003	2.2260e-003
tblVehicleEF	SBUS	0.06	0.00
tblVehicleEF	SBUS	2.06	0.77
tblVehicleEF	SBUS	0.41	0.17
tblVehicleEF	SBUS	1.29	0.00
tblVehicleEF	SBUS	1,450.87	295.81
tblVehicleEF	SBUS	1,245.47	1,025.84
tblVehicleEF	SBUS	9.89	0.00
tblVehicleEF	SBUS	14.15	2.37
tblVehicleEF	SBUS	5.21	3.23
tblVehicleEF	SBUS	19.28	1.52
tblVehicleEF	SBUS	0.01	1.7210e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	1.6200e-004	0.00
tblVehicleEF	SBUS	0.01	1.6470e-003
tblVehicleEF	SBUS	2.9340e-003	3.0000e-003
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	1.4900e-004	0.00
tblVehicleEF	SBUS	3.7400e-004	0.00
tblVehicleEF	SBUS	3.7140e-003	0.00
tblVehicleEF	SBUS	0.24	0.02
tblVehicleEF	SBUS	1.8500e-004	0.00

tblVehicleEF	SBUS	0.12	0.05
tblVehicleEF	SBUS	1.5950e-003	0.00
tblVehicleEF	SBUS	0.06	0.00
tblVehicleEF	SBUS	0.01	2.7950e-003
tblVehicleEF	SBUS	0.01	9.6920e-003
tblVehicleEF	SBUS	1.2100e-004	0.00
tblVehicleEF	SBUS	3.7400e-004	0.00
tblVehicleEF	SBUS	3.7140e-003	0.00
tblVehicleEF	SBUS	0.33	0.03
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tblVehicleEF	SBUS	0.13	0.05
tblVehicleEF	SBUS	1.5950e-003	0.00
tblVehicleEF	SBUS	0.07	0.00
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tblVehicleEF	SBUS	6.3770e-003	2.2260e-003
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tblVehicleEF	SBUS	9.89	0.00
tblVehicleEF	SBUS	14.60	2.38
tblVehicleEF	SBUS	5.01	3.11
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tblVehicleEF	SBUS	0.01	0.01

tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	1.6200e-004	0.00
tblVehicleEF	SBUS	0.01	1.4000e-003
tblVehicleEF	SBUS	2.9340e-003	3.0000e-003
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	1.4900e-004	0.00
tblVehicleEF	SBUS	9.2700e-004	0.00
tblVehicleEF	SBUS	3.9160e-003	0.00
tblVehicleEF	SBUS	0.24	0.02
tblVehicleEF	SBUS	4.3500e-004	0.00
tblVehicleEF	SBUS	0.12	0.05
tblVehicleEF	SBUS	1.3640e-003	0.00
tblVehicleEF	SBUS	0.05	0.00
tblVehicleEF	SBUS	0.01	2.8220e-003
tblVehicleEF	SBUS	0.01	9.6920e-003
tblVehicleEF	SBUS	1.1400e-004	0.00
tblVehicleEF	SBUS	9.2700e-004	0.00
tblVehicleEF	SBUS	3.9160e-003	0.00
tblVehicleEF	SBUS	0.33	0.03
tblVehicleEF	SBUS	4.3500e-004	0.00
tblVehicleEF	SBUS	0.13	0.05
tblVehicleEF	SBUS	1.3640e-003	0.00
tblVehicleEF	SBUS	0.06	0.00
tblVehicleEF	SBUS	0.89	1.0520e-003
tblVehicleEF	SBUS	6.3040e-003	2.2260e-003
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tblVehicleEF	SBUS	2.31	0.80

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tblVehicleEF	SBUS	1,245.47	1,025.84
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tblVehicleEF	SBUS	0.02	2.0770e-003
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tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	1.6200e-004	0.00
tblVehicleEF	SBUS	0.02	1.9870e-003
tblVehicleEF	SBUS	2.9340e-003	3.0000e-003
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tblVehicleEF	SBUS	1.6100e-004	0.00
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tblVehicleEF	SBUS	8.7000e-005	0.00
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tblVehicleEF	SBUS	2.0510e-003	0.00
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tblVehicleEF	SBUS	0.01	2.7570e-003
tblVehicleEF	SBUS	0.01	9.6920e-003
tblVehicleEF	SBUS	1.2600e-004	0.00
tblVehicleEF	SBUS	1.6100e-004	0.00

tblVehicleEF	SBUS	3.7650e-003	0.00
tblVehicleEF	SBUS	0.34	0.03
tblVehicleEF	SBUS	8.7000e-005	0.00
tblVehicleEF	SBUS	0.13	0.05
tblVehicleEF	SBUS	2.0510e-003	0.00
tblVehicleEF	SBUS	0.08	0.00
tblVehicleEF	UBUS	0.23	0.15
tblVehicleEF	UBUS	0.07	0.00
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tblVehicleEF	UBUS	11.86	0.00
tblVehicleEF	UBUS	1,966.36	1,673.51
tblVehicleEF	UBUS	152.19	0.00
tblVehicleEF	UBUS	6.09	2.14
tblVehicleEF	UBUS	12.20	0.00
tblVehicleEF	UBUS	0.49	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	6.7940e-003
tblVehicleEF	UBUS	1.2590e-003	0.00
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.7930e-003
tblVehicleEF	UBUS	0.11	6.5000e-003
tblVehicleEF	UBUS	1.1580e-003	0.00
tblVehicleEF	UBUS	4.9160e-003	0.00
tblVehicleEF	UBUS	0.09	0.00
tblVehicleEF	UBUS	2.7030e-003	0.00
tblVehicleEF	UBUS	0.41	2.1510e-003
tblVehicleEF	UBUS	0.02	0.00

tblVehicleEF	UBUS	0.98	0.00
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	1.7380e-003	0.00
tblVehicleEF	UBUS	4.9160e-003	0.00
tblVehicleEF	UBUS	0.09	0.00
tblVehicleEF	UBUS	2.7030e-003	0.00
tblVehicleEF	UBUS	0.68	0.15
tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	1.08	0.00
tblVehicleEF	UBUS	0.24	0.15
tblVehicleEF	UBUS	0.06	0.00
tblVehicleEF	UBUS	4.19	0.25
tblVehicleEF	UBUS	9.26	0.00
tblVehicleEF	UBUS	1,966.36	1,673.51
tblVehicleEF	UBUS	152.19	0.00
tblVehicleEF	UBUS	5.83	2.14
tblVehicleEF	UBUS	12.07	0.00
tblVehicleEF	UBUS	0.49	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	6.7940e-003
tblVehicleEF	UBUS	1.2590e-003	0.00
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.7930e-003
tblVehicleEF	UBUS	0.11	6.5000e-003
tblVehicleEF	UBUS	1.1580e-003	0.00
tblVehicleEF	UBUS	0.01	0.00
tblVehicleEF	UBUS	0.11	0.00

tblVehicleEF	UBUS	6.2310e-003	0.00
tblVehicleEF	UBUS	0.42	2.1510e-003
tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	0.85	0.00
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	1.6930e-003	0.00
tblVehicleEF	UBUS	0.01	0.00
tblVehicleEF	UBUS	0.11	0.00
tblVehicleEF	UBUS	6.2310e-003	0.00
tblVehicleEF	UBUS	0.69	0.15
tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	0.93	0.00
tblVehicleEF	UBUS	0.23	0.15
tblVehicleEF	UBUS	0.08	0.00
tblVehicleEF	UBUS	4.07	0.25
tblVehicleEF	UBUS	14.22	0.00
tblVehicleEF	UBUS	1,966.36	1,673.51
tblVehicleEF	UBUS	152.19	0.00
tblVehicleEF	UBUS	6.21	2.14
tblVehicleEF	UBUS	12.31	0.00
tblVehicleEF	UBUS	0.49	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	6.7940e-003
tblVehicleEF	UBUS	1.2590e-003	0.00
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.7930e-003
tblVehicleEF	UBUS	0.11	6.5000e-003

tblVehicleEF	UBUS	1.1580e-003	0.00
tblVehicleEF	UBUS	1.8230e-003	0.00
tblVehicleEF	UBUS	0.10	0.00
tblVehicleEF	UBUS	1.2370e-003	0.00
tblVehicleEF	UBUS	0.40	2.1510e-003
tblVehicleEF	UBUS	0.03	0.00
tblVehicleEF	UBUS	1.10	0.00
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	1.7790e-003	0.00
tblVehicleEF	UBUS	1.8230e-003	0.00
tblVehicleEF	UBUS	0.10	0.00
tblVehicleEF	UBUS	1.2370e-003	0.00
tblVehicleEF	UBUS	0.67	0.15
tblVehicleEF	UBUS	0.03	0.00
tblVehicleEF	UBUS	1.20	0.00
tblVehicleTrips	CC_TTP	28.00	0.00
tblVehicleTrips	CNW_TTP	13.00	0.00
tblVehicleTrips	CW_TL	9.50	28.61
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PR_TP	79.00	100.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	2.49	0.30
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	0.73	0.30
tblVehicleTrips	WD_TR	11.03	0.00

tblVehicleTrips	WD_TR	6.83	0.30
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	IndoorWaterUseRate	3,293,406.35	0.00
tblWater	IndoorWaterUseRate	38,262,625.00	0.00
tblWater	OutdoorWaterUseRate	2,018,539.38	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0225	1.6902	0.2610	7.8200e-003	0.2205	0.0144	0.2349	0.0606	0.0137	0.0743	0.0000	750.4722	750.4722	9.5000e-004	0.0000	750.4959
Unmitigated	0.0225	1.6902	0.2610	7.8200e-003	0.2205	0.0144	0.2349	0.0606	0.0137	0.0743	0.0000	750.4722	750.4722	9.5000e-004	0.0000	750.4959

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Industrial Park	50.00	50.00	50.00	520,723	520,723
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	50.00	50.00	50.00	520,723	520,723

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Industrial Park	28.61	7.30	7.30	100.00	0.00	0.00	100	0	0
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.590657	0.037535	0.185105	0.118290	0.015611	0.005013	0.010768	0.024764	0.001635	0.001742	0.005351	0.002726	0.000802
Industrial Park	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Other Asphalt Surfaces	0.590657	0.037535	0.185105	0.118290	0.015611	0.005013	0.010768	0.024764	0.001635	0.001742	0.005351	0.002726	0.000802
Other Non-Asphalt Surfaces	0.590657	0.037535	0.185105	0.118290	0.015611	0.005013	0.010768	0.024764	0.001635	0.001742	0.005351	0.002726	0.000802
Parking Lot	0.590657	0.037535	0.185105	0.118290	0.015611	0.005013	0.010768	0.024764	0.001635	0.001742	0.005351	0.002726	0.000802

Scenario 4: Delivery_2025

Contra Costa County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	18.53	1000sqft	0.43	18,529.00	0
Industrial Park	165.46	1000sqft	3.80	165,456.00	0
Other Asphalt Surfaces	14.73	Acre	14.73	641,537.00	0
Other Non-Asphalt Surfaces	3.19	Acre	3.19	0.00	0
Parking Lot	9.74	Acre	9.74	424,302.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	5			**Operational Year**	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	206.29	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See assumptions file.

Land Use - See assumptions file.

Construction Phase -

Vehicle Trips - See assumptions file.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Area Coating - For mobile source emissions only.

Energy Use - For mobile source emissions only.

Water And Wastewater - For mobile source emissions only.

Solid Waste - For mobile source emissions only.

Energy Mitigation -

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	91993	0
tblAreaCoating	Area_Nonresidential_Interior	275978	0
tblAreaCoating	Area_Parking	63950	0
tblEnergyUse	LightingElect	3.58	0.00
tblEnergyUse	LightingElect	3.58	0.00
tblEnergyUse	NT24E	4.80	0.00
tblEnergyUse	NT24E	4.80	0.00
tblEnergyUse	NT24NG	1.01	0.00
tblEnergyUse	NT24NG	1.01	0.00
tblEnergyUse	T24E	4.10	0.00
tblEnergyUse	T24E	4.10	0.00
tblEnergyUse	T24NG	18.32	0.00
tblEnergyUse	T24NG	18.32	0.00
tblFleetMix	HHD	0.03	0.00

tblFleetMix	LDA	0.60	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LHD1	0.01	0.74
tblFleetMix	LHD2	4.9330e-003	0.26
tblFleetMix	MCY	5.2540e-003	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MH	7.4600e-004	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	1.6430e-003	0.00
tblFleetMix	SBUS	2.7040e-003	0.00
tblFleetMix	UBUS	1.6530e-003	0.00
tblLandUse	LandUseSquareFeet	18,530.00	18,529.00
tblLandUse	LandUseSquareFeet	165,460.00	165,456.00
tblLandUse	LandUseSquareFeet	641,638.80	641,537.00
tblLandUse	LandUseSquareFeet	138,956.40	0.00
tblLandUse	LandUseSquareFeet	424,274.40	424,302.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	206.29
tblSolidWaste	SolidWasteGenerationRate	17.23	0.00
tblSolidWaste	SolidWasteGenerationRate	205.17	0.00
tblVehicleEF	HHD	0.40	0.02
tblVehicleEF	HHD	0.04	1.1160e-003
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	1.55	6.28
tblVehicleEF	HHD	0.84	0.24
tblVehicleEF	HHD	2.84	0.00
tblVehicleEF	HHD	4,274.18	1,020.70

tblVehicleEF	HHD	1,530.13	1,357.40
tblVehicleEF	HHD	8.79	0.00
tblVehicleEF	HHD	13.50	5.30
tblVehicleEF	HHD	1.84	2.67
tblVehicleEF	HHD	19.73	2.40
tblVehicleEF	HHD	7.0080e-003	2.4950e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	6.1110e-003	0.03
tblVehicleEF	HHD	9.3000e-005	0.00
tblVehicleEF	HHD	6.7050e-003	2.3870e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8130e-003	8.8700e-003
tblVehicleEF	HHD	5.8460e-003	0.02
tblVehicleEF	HHD	8.6000e-005	0.00
tblVehicleEF	HHD	7.3000e-005	0.00
tblVehicleEF	HHD	3.8850e-003	0.00
tblVehicleEF	HHD	0.40	0.43
tblVehicleEF	HHD	4.9000e-005	0.00
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	3.2900e-004	0.00
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	0.04	9.6430e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.3400e-004	0.00
tblVehicleEF	HHD	7.3000e-005	0.00
tblVehicleEF	HHD	3.8850e-003	0.00

tblVehicleEF	HHD	0.47	0.49
tblVehicleEF	HHD	4.9000e-005	0.00
tblVehicleEF	HHD	0.14	0.03
tblVehicleEF	HHD	3.2900e-004	0.00
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	0.38	0.02
tblVehicleEF	HHD	0.04	1.1160e-003
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	1.12	6.19
tblVehicleEF	HHD	0.85	0.24
tblVehicleEF	HHD	2.59	0.00
tblVehicleEF	HHD	4,528.11	1,008.92
tblVehicleEF	HHD	1,530.13	1,357.40
tblVehicleEF	HHD	8.79	0.00
tblVehicleEF	HHD	13.93	5.07
tblVehicleEF	HHD	1.77	2.57
tblVehicleEF	HHD	19.72	2.40
tblVehicleEF	HHD	5.9080e-003	2.1860e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	6.1110e-003	0.03
tblVehicleEF	HHD	9.3000e-005	0.00
tblVehicleEF	HHD	5.6530e-003	2.0910e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8130e-003	8.8700e-003
tblVehicleEF	HHD	5.8460e-003	0.02
tblVehicleEF	HHD	8.6000e-005	0.00

tblVehicleEF	HHD	1.9000e-004	0.00
tblVehicleEF	HHD	4.3090e-003	0.00
tblVehicleEF	HHD	0.38	0.45
tblVehicleEF	HHD	1.1800e-004	0.00
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	3.2200e-004	0.00
tblVehicleEF	HHD	0.06	0.00
tblVehicleEF	HHD	0.04	9.5320e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.3000e-004	0.00
tblVehicleEF	HHD	1.9000e-004	0.00
tblVehicleEF	HHD	4.3090e-003	0.00
tblVehicleEF	HHD	0.44	0.52
tblVehicleEF	HHD	1.1800e-004	0.00
tblVehicleEF	HHD	0.14	0.03
tblVehicleEF	HHD	3.2200e-004	0.00
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tblVehicleEF	HHD	0.43	0.02
tblVehicleEF	HHD	0.04	1.1160e-003
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.13	6.40
tblVehicleEF	HHD	0.84	0.24
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tblVehicleEF	HHD	3,923.51	1,036.98
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tblVehicleEF	HHD	12.90	5.63

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tblVehicleEF	HHD	19.75	2.40
tblVehicleEF	HHD	8.5270e-003	2.9210e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	6.1110e-003	0.03
tblVehicleEF	HHD	9.3000e-005	0.00
tblVehicleEF	HHD	8.1580e-003	2.7950e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8130e-003	8.8700e-003
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tblVehicleEF	HHD	2.1000e-005	0.00
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tblVehicleEF	HHD	4.0400e-003	0.00
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tblVehicleEF	HHD	2.1000e-005	0.00
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tblVehicleEF	LDA	4.0030e-003	0.00
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tblVehicleEF	LDA	0.96	0.00
tblVehicleEF	LDA	219.81	191.74
tblVehicleEF	LDA	50.69	0.00
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.05	0.00
tblVehicleEF	LDA	1.6530e-003	4.4530e-003
tblVehicleEF	LDA	2.2670e-003	0.00
tblVehicleEF	LDA	1.5230e-003	4.2600e-003
tblVehicleEF	LDA	2.0840e-003	0.00
tblVehicleEF	LDA	0.03	3.4810e-003
tblVehicleEF	LDA	0.08	4.8880e-003
tblVehicleEF	LDA	0.02	1.0730e-003
tblVehicleEF	LDA	7.5490e-003	9.7330e-003
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.05	0.00
tblVehicleEF	LDA	2.2000e-003	1.8130e-003
tblVehicleEF	LDA	5.2300e-004	0.00
tblVehicleEF	LDA	0.03	3.4810e-003
tblVehicleEF	LDA	0.08	4.8880e-003
tblVehicleEF	LDA	0.02	1.0730e-003
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.00

tblVehicleEF	LDA	0.06	0.00
tblVehicleEF	LDA	3.4080e-003	4.5200e-004
tblVehicleEF	LDA	3.2290e-003	0.00
tblVehicleEF	LDA	0.54	0.18
tblVehicleEF	LDA	0.74	0.00
tblVehicleEF	LDA	240.29	191.74
tblVehicleEF	LDA	50.69	0.00
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.05	0.00
tblVehicleEF	LDA	1.6530e-003	4.4530e-003
tblVehicleEF	LDA	2.2670e-003	0.00
tblVehicleEF	LDA	1.5230e-003	4.2600e-003
tblVehicleEF	LDA	2.0840e-003	0.00
tblVehicleEF	LDA	0.07	0.01
tblVehicleEF	LDA	0.10	4.8880e-003
tblVehicleEF	LDA	0.06	5.5870e-003
tblVehicleEF	LDA	8.5580e-003	9.7330e-003
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	2.4060e-003	1.8130e-003
tblVehicleEF	LDA	5.1900e-004	0.00
tblVehicleEF	LDA	0.07	0.01
tblVehicleEF	LDA	0.10	4.8880e-003
tblVehicleEF	LDA	0.06	5.5870e-003
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.05	0.00

tblVehicleEF	LDA	2.9090e-003	4.5200e-004
tblVehicleEF	LDA	4.5710e-003	0.00
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tblVehicleEF	LDA	1.14	0.00
tblVehicleEF	LDA	217.00	191.74
tblVehicleEF	LDA	50.69	0.00
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.06	0.00
tblVehicleEF	LDA	1.6530e-003	4.4530e-003
tblVehicleEF	LDA	2.2670e-003	0.00
tblVehicleEF	LDA	1.5230e-003	4.2600e-003
tblVehicleEF	LDA	2.0840e-003	0.00
tblVehicleEF	LDA	8.7300e-003	1.5500e-004
tblVehicleEF	LDA	0.09	4.8880e-003
tblVehicleEF	LDA	0.01	1.8000e-005
tblVehicleEF	LDA	7.3230e-003	9.7330e-003
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	0.06	0.00
tblVehicleEF	LDA	2.1720e-003	1.8130e-003
tblVehicleEF	LDA	5.2600e-004	0.00
tblVehicleEF	LDA	8.7300e-003	1.5500e-004
tblVehicleEF	LDA	0.09	4.8880e-003
tblVehicleEF	LDA	0.01	1.8000e-005
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	0.07	0.00
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tblVehicleEF	LDT1	9.7950e-003	0.00
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tblVehicleEF	LDT1	276.40	80.49
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tblVehicleEF	LDT1	0.08	0.18
tblVehicleEF	LDT1	0.11	0.00
tblVehicleEF	LDT1	2.0320e-003	0.02
tblVehicleEF	LDT1	2.8410e-003	0.00
tblVehicleEF	LDT1	1.8700e-003	0.02
tblVehicleEF	LDT1	2.6130e-003	0.00
tblVehicleEF	LDT1	0.07	3.9520e-003
tblVehicleEF	LDT1	0.20	3.9100e-003
tblVehicleEF	LDT1	0.07	1.2180e-003
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.13	0.00
tblVehicleEF	LDT1	0.13	0.00
tblVehicleEF	LDT1	2.7720e-003	7.6100e-004
tblVehicleEF	LDT1	6.8100e-004	0.00
tblVehicleEF	LDT1	0.07	3.9520e-003
tblVehicleEF	LDT1	0.20	3.9100e-003
tblVehicleEF	LDT1	0.07	1.2180e-003
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.13	0.00
tblVehicleEF	LDT1	0.14	0.00
tblVehicleEF	LDT1	6.8610e-003	1.3980e-003
tblVehicleEF	LDT1	7.8490e-003	0.00

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tblVehicleEF	LDT1	1.58	0.00
tblVehicleEF	LDT1	301.35	80.49
tblVehicleEF	LDT1	64.55	0.00
tblVehicleEF	LDT1	0.07	0.17
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	2.0320e-003	0.02
tblVehicleEF	LDT1	2.8410e-003	0.00
tblVehicleEF	LDT1	1.8700e-003	0.02
tblVehicleEF	LDT1	2.6130e-003	0.00
tblVehicleEF	LDT1	0.19	0.01
tblVehicleEF	LDT1	0.23	3.9100e-003
tblVehicleEF	LDT1	0.15	6.3420e-003
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.12	0.00
tblVehicleEF	LDT1	0.11	0.00
tblVehicleEF	LDT1	3.0240e-003	7.6100e-004
tblVehicleEF	LDT1	6.7300e-004	0.00
tblVehicleEF	LDT1	0.19	0.01
tblVehicleEF	LDT1	0.23	3.9100e-003
tblVehicleEF	LDT1	0.15	6.3420e-003
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.12	0.00
tblVehicleEF	LDT1	0.12	0.00
tblVehicleEF	LDT1	5.9410e-003	1.3980e-003
tblVehicleEF	LDT1	0.01	0.00
tblVehicleEF	LDT1	0.79	0.20

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tblVehicleEF	LDT1	64.55	0.00
tblVehicleEF	LDT1	0.09	0.18
tblVehicleEF	LDT1	0.13	0.00
tblVehicleEF	LDT1	2.0320e-003	0.02
tblVehicleEF	LDT1	2.8410e-003	0.00
tblVehicleEF	LDT1	1.8700e-003	0.02
tblVehicleEF	LDT1	2.6130e-003	0.00
tblVehicleEF	LDT1	0.02	1.7600e-004
tblVehicleEF	LDT1	0.21	3.9100e-003
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tblVehicleEF	LDT1	0.01	0.03
tblVehicleEF	LDT1	0.16	0.00
tblVehicleEF	LDT1	0.15	0.00
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tblVehicleEF	LDT1	6.8800e-004	0.00
tblVehicleEF	LDT1	0.02	1.7600e-004
tblVehicleEF	LDT1	0.21	3.9100e-003
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tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.16	0.00
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tblVehicleEF	LDT2	1.23	0.00

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tblVehicleEF	LDT2	2.3480e-003	0.00
tblVehicleEF	LDT2	1.5530e-003	8.2100e-004
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tblVehicleEF	LDT2	0.03	2.7080e-003
tblVehicleEF	LDT2	0.09	3.9100e-003
tblVehicleEF	LDT2	0.04	8.3500e-004
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tblVehicleEF	LDT2	7.4000e-004	0.00
tblVehicleEF	LDT2	0.03	2.7080e-003
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tblVehicleEF	LDT2	0.08	0.00
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tblVehicleEF	LDT2	2.3480e-003	0.00
tblVehicleEF	LDT2	1.5530e-003	8.2100e-004
tblVehicleEF	LDT2	2.1590e-003	0.00
tblVehicleEF	LDT2	0.09	9.1230e-003
tblVehicleEF	LDT2	0.11	3.9100e-003
tblVehicleEF	LDT2	0.08	4.3460e-003
tblVehicleEF	LDT2	0.01	2.5890e-003
tblVehicleEF	LDT2	0.05	0.00
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tblVehicleEF	LDT2	7.3500e-004	0.00
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tblVehicleEF	LHD1	0.02	2.3900e-003
tblVehicleEF	LHD1	8.1200e-004	4.5000e-005
tblVehicleEF	LHD1	8.9500e-004	1.7900e-004
tblVehicleEF	LHD1	2.5620e-003	2.4790e-003
tblVehicleEF	LHD1	0.02	2.2770e-003
tblVehicleEF	LHD1	7.4700e-004	4.1000e-005
tblVehicleEF	LHD1	2.2070e-003	2.1470e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	3.9380e-003
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tblVehicleEF	LHD1	0.31	0.51
tblVehicleEF	LHD1	0.22	0.01
tblVehicleEF	LHD1	9.1000e-005	1.7000e-005
tblVehicleEF	LHD1	6.6090e-003	1.4900e-003
tblVehicleEF	LHD1	3.3400e-004	2.1000e-005
tblVehicleEF	LHD1	2.2070e-003	2.1470e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	5.5070e-003
tblVehicleEF	LHD1	1.2810e-003	1.1220e-003

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tblVehicleEF	LHD1	0.01	1.6010e-003
tblVehicleEF	LHD1	0.02	2.4130e-003
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tblVehicleEF	LHD1	0.95	0.15
tblVehicleEF	LHD1	1.99	0.18
tblVehicleEF	LHD1	9.14	1.80
tblVehicleEF	LHD1	674.80	152.85
tblVehicleEF	LHD1	29.28	2.11
tblVehicleEF	LHD1	0.08	0.01
tblVehicleEF	LHD1	1.22	0.16
tblVehicleEF	LHD1	0.83	0.05
tblVehicleEF	LHD1	9.3600e-004	1.8700e-004
tblVehicleEF	LHD1	0.01	9.9160e-003
tblVehicleEF	LHD1	0.02	2.3900e-003
tblVehicleEF	LHD1	8.1200e-004	4.5000e-005
tblVehicleEF	LHD1	8.9500e-004	1.7900e-004
tblVehicleEF	LHD1	2.5620e-003	2.4790e-003
tblVehicleEF	LHD1	0.02	2.2770e-003
tblVehicleEF	LHD1	7.4700e-004	4.1000e-005
tblVehicleEF	LHD1	5.5640e-003	6.1820e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	3.9380e-003
tblVehicleEF	LHD1	2.9030e-003	2.3880e-003

tblVehicleEF	LHD1	0.12	0.02
tblVehicleEF	LHD1	0.30	0.49
tblVehicleEF	LHD1	0.20	0.01
tblVehicleEF	LHD1	9.1000e-005	1.7000e-005
tblVehicleEF	LHD1	6.6090e-003	1.4900e-003
tblVehicleEF	LHD1	3.3000e-004	2.1000e-005
tblVehicleEF	LHD1	5.5640e-003	4.7560e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	5.5070e-003
tblVehicleEF	LHD1	2.9030e-003	2.3880e-003
tblVehicleEF	LHD1	0.15	0.02
tblVehicleEF	LHD1	0.30	0.49
tblVehicleEF	LHD1	0.22	0.01
tblVehicleEF	LHD1	4.7260e-003	9.2600e-004
tblVehicleEF	LHD1	0.01	1.5390e-003
tblVehicleEF	LHD1	0.02	2.7100e-003
tblVehicleEF	LHD1	0.14	0.04
tblVehicleEF	LHD1	0.92	0.14
tblVehicleEF	LHD1	2.35	0.21
tblVehicleEF	LHD1	9.14	1.80
tblVehicleEF	LHD1	674.80	152.84
tblVehicleEF	LHD1	29.28	2.16
tblVehicleEF	LHD1	0.08	0.01
tblVehicleEF	LHD1	1.30	0.17
tblVehicleEF	LHD1	0.96	0.06
tblVehicleEF	LHD1	9.3600e-004	1.8700e-004
tblVehicleEF	LHD1	0.01	9.9160e-003

tblVehicleEF	LHD1	0.02	2.3900e-003
tblVehicleEF	LHD1	8.1200e-004	4.5000e-005
tblVehicleEF	LHD1	8.9500e-004	1.7900e-004
tblVehicleEF	LHD1	2.5620e-003	2.4790e-003
tblVehicleEF	LHD1	0.02	2.2770e-003
tblVehicleEF	LHD1	7.4700e-004	4.1000e-005
tblVehicleEF	LHD1	8.0200e-004	1.0550e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	3.9380e-003
tblVehicleEF	LHD1	5.8000e-004	5.7800e-004
tblVehicleEF	LHD1	0.12	0.02
tblVehicleEF	LHD1	0.34	0.56
tblVehicleEF	LHD1	0.23	0.01
tblVehicleEF	LHD1	9.1000e-005	1.7000e-005
tblVehicleEF	LHD1	6.6080e-003	1.4900e-003
tblVehicleEF	LHD1	3.3700e-004	2.1000e-005
tblVehicleEF	LHD1	8.0200e-004	1.0550e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	5.5070e-003
tblVehicleEF	LHD1	5.8000e-004	5.7800e-004
tblVehicleEF	LHD1	0.15	0.02
tblVehicleEF	LHD1	0.34	0.56
tblVehicleEF	LHD1	0.25	0.01
tblVehicleEF	LHD2	2.9550e-003	5.6200e-004
tblVehicleEF	LHD2	6.6120e-003	1.3140e-003
tblVehicleEF	LHD2	5.0900e-003	1.3520e-003
tblVehicleEF	LHD2	0.12	0.03

tblVehicleEF	LHD2	0.53	0.12
tblVehicleEF	LHD2	0.98	0.11
tblVehicleEF	LHD2	14.09	2.83
tblVehicleEF	LHD2	694.99	148.43
tblVehicleEF	LHD2	22.29	1.38
tblVehicleEF	LHD2	0.10	0.02
tblVehicleEF	LHD2	0.65	0.17
tblVehicleEF	LHD2	0.37	0.03
tblVehicleEF	LHD2	1.2210e-003	2.9700e-004
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	3.3590e-003
tblVehicleEF	LHD2	3.5900e-004	2.2000e-005
tblVehicleEF	LHD2	1.1680e-003	2.8400e-004
tblVehicleEF	LHD2	2.7070e-003	2.7120e-003
tblVehicleEF	LHD2	0.01	3.2090e-003
tblVehicleEF	LHD2	3.3000e-004	2.0000e-005
tblVehicleEF	LHD2	5.9500e-004	1.4560e-003
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	0.01	2.9520e-003
tblVehicleEF	LHD2	3.7500e-004	6.7500e-004
tblVehicleEF	LHD2	0.10	0.02
tblVehicleEF	LHD2	0.05	0.20
tblVehicleEF	LHD2	0.07	6.6270e-003
tblVehicleEF	LHD2	1.3700e-004	2.7000e-005
tblVehicleEF	LHD2	6.7520e-003	1.4310e-003
tblVehicleEF	LHD2	2.4000e-004	1.4000e-005
tblVehicleEF	LHD2	5.9500e-004	1.4560e-003

tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	0.02	3.9310e-003
tblVehicleEF	LHD2	3.7500e-004	6.7500e-004
tblVehicleEF	LHD2	0.12	0.03
tblVehicleEF	LHD2	0.05	0.20
tblVehicleEF	LHD2	0.08	7.2560e-003
tblVehicleEF	LHD2	2.9550e-003	5.6300e-004
tblVehicleEF	LHD2	6.6880e-003	1.3260e-003
tblVehicleEF	LHD2	4.8060e-003	1.2680e-003
tblVehicleEF	LHD2	0.12	0.03
tblVehicleEF	LHD2	0.54	0.12
tblVehicleEF	LHD2	0.90	0.10
tblVehicleEF	LHD2	14.09	2.83
tblVehicleEF	LHD2	694.99	148.43
tblVehicleEF	LHD2	22.29	1.36
tblVehicleEF	LHD2	0.10	0.02
tblVehicleEF	LHD2	0.63	0.17
tblVehicleEF	LHD2	0.35	0.03
tblVehicleEF	LHD2	1.2210e-003	2.9700e-004
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	3.3590e-003
tblVehicleEF	LHD2	3.5900e-004	2.2000e-005
tblVehicleEF	LHD2	1.1680e-003	2.8400e-004
tblVehicleEF	LHD2	2.7070e-003	2.7120e-003
tblVehicleEF	LHD2	0.01	3.2090e-003
tblVehicleEF	LHD2	3.3000e-004	2.0000e-005
tblVehicleEF	LHD2	1.4880e-003	4.8490e-003

tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	2.9520e-003
tblVehicleEF	LHD2	8.4900e-004	1.2630e-003
tblVehicleEF	LHD2	0.10	0.02
tblVehicleEF	LHD2	0.05	0.19
tblVehicleEF	LHD2	0.06	6.1900e-003
tblVehicleEF	LHD2	1.3700e-004	2.7000e-005
tblVehicleEF	LHD2	6.7520e-003	1.4310e-003
tblVehicleEF	LHD2	2.3900e-004	1.3000e-005
tblVehicleEF	LHD2	1.4880e-003	2.6090e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	3.9310e-003
tblVehicleEF	LHD2	8.4900e-004	1.2630e-003
tblVehicleEF	LHD2	0.12	0.03
tblVehicleEF	LHD2	0.05	0.19
tblVehicleEF	LHD2	0.07	6.7770e-003
tblVehicleEF	LHD2	2.9550e-003	5.6000e-004
tblVehicleEF	LHD2	6.5510e-003	1.3040e-003
tblVehicleEF	LHD2	5.3330e-003	1.4230e-003
tblVehicleEF	LHD2	0.12	0.03
tblVehicleEF	LHD2	0.53	0.12
tblVehicleEF	LHD2	1.05	0.11
tblVehicleEF	LHD2	14.09	2.83
tblVehicleEF	LHD2	694.99	148.42
tblVehicleEF	LHD2	22.29	1.39
tblVehicleEF	LHD2	0.10	0.02
tblVehicleEF	LHD2	0.66	0.18

tblVehicleEF	LHD2	0.39	0.03
tblVehicleEF	LHD2	1.2210e-003	2.9700e-004
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	3.3590e-003
tblVehicleEF	LHD2	3.5900e-004	2.2000e-005
tblVehicleEF	LHD2	1.1680e-003	2.8400e-004
tblVehicleEF	LHD2	2.7070e-003	2.7120e-003
tblVehicleEF	LHD2	0.01	3.2090e-003
tblVehicleEF	LHD2	3.3000e-004	2.0000e-005
tblVehicleEF	LHD2	2.3500e-004	9.8600e-004
tblVehicleEF	LHD2	0.02	0.04
tblVehicleEF	LHD2	0.01	2.9520e-003
tblVehicleEF	LHD2	1.7300e-004	4.2600e-004
tblVehicleEF	LHD2	0.10	0.02
tblVehicleEF	LHD2	0.05	0.22
tblVehicleEF	LHD2	0.07	7.0010e-003
tblVehicleEF	LHD2	1.3700e-004	2.7000e-005
tblVehicleEF	LHD2	6.7520e-003	1.4310e-003
tblVehicleEF	LHD2	2.4100e-004	1.4000e-005
tblVehicleEF	LHD2	2.3500e-004	9.8600e-004
tblVehicleEF	LHD2	0.02	0.04
tblVehicleEF	LHD2	0.02	3.9310e-003
tblVehicleEF	LHD2	1.7300e-004	4.2600e-004
tblVehicleEF	LHD2	0.12	0.03
tblVehicleEF	LHD2	0.05	0.22
tblVehicleEF	LHD2	0.08	7.6650e-003
tblVehicleEF	MCY	0.46	0.00

tblVehicleEF	MCY	0.16	0.00
tblVehicleEF	MCY	19.39	0.00
tblVehicleEF	MCY	10.25	0.00
tblVehicleEF	MCY	173.87	0.00
tblVehicleEF	MCY	45.18	0.00
tblVehicleEF	MCY	1.16	0.00
tblVehicleEF	MCY	0.32	0.00
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tblVehicleEF	MCY	4.0000e-003	0.00
tblVehicleEF	MCY	2.1180e-003	0.00
tblVehicleEF	MCY	3.6410e-003	0.00
tblVehicleEF	MCY	5.0400e-003	0.00
tblVehicleEF	MCY	1.0000e-003	0.00
tblVehicleEF	MCY	1.9790e-003	0.00
tblVehicleEF	MCY	3.4250e-003	0.00
tblVehicleEF	MCY	0.87	0.00
tblVehicleEF	MCY	0.72	0.00
tblVehicleEF	MCY	0.54	0.00
tblVehicleEF	MCY	2.25	0.00
tblVehicleEF	MCY	0.57	0.00
tblVehicleEF	MCY	2.22	0.00
tblVehicleEF	MCY	2.1220e-003	0.00
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tblVehicleEF	MCY	0.87	0.00
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tblVehicleEF	MCY	2.1180e-003	0.00
tblVehicleEF	MCY	3.6410e-003	0.00
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tblVehicleEF	MCY	1.9790e-003	0.00
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tblVehicleEF	MCY	1.04	0.00
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tblVehicleEF	MCY	2.1080e-003	0.00
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tblVehicleEF	MCY	0.01	0.00
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tblVehicleEF	MCY	3.6410e-003	0.00
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tblVehicleEF	MCY	1.0000e-003	0.00
tblVehicleEF	MCY	1.9790e-003	0.00
tblVehicleEF	MCY	3.4250e-003	0.00
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tblVehicleEF	MCY	0.67	0.00
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tblVehicleEF	MCY	2.1520e-003	0.00
tblVehicleEF	MCY	7.2200e-004	0.00
tblVehicleEF	MCY	0.17	0.00
tblVehicleEF	MCY	0.83	0.00
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tblVehicleEF	MCY	0.67	0.00
tblVehicleEF	MCY	2.83	0.00
tblVehicleEF	MDV	7.8070e-003	8.4000e-005
tblVehicleEF	MDV	0.01	0.00
tblVehicleEF	MDV	0.90	0.04
tblVehicleEF	MDV	2.48	0.00
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tblVehicleEF	MDV	98.24	0.00
tblVehicleEF	MDV	0.11	6.8260e-003
tblVehicleEF	MDV	0.22	0.00
tblVehicleEF	MDV	1.7360e-003	7.6800e-004
tblVehicleEF	MDV	2.3850e-003	0.00
tblVehicleEF	MDV	1.5990e-003	7.3500e-004
tblVehicleEF	MDV	2.1930e-003	0.00
tblVehicleEF	MDV	0.06	2.7330e-003
tblVehicleEF	MDV	0.17	3.9100e-003
tblVehicleEF	MDV	0.06	8.4300e-004
tblVehicleEF	MDV	0.02	1.8160e-003
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.18	0.00
tblVehicleEF	MDV	4.2800e-003	6.5100e-004

tblVehicleEF	MDV	1.0260e-003	0.00
tblVehicleEF	MDV	0.06	2.7330e-003
tblVehicleEF	MDV	0.17	3.9100e-003
tblVehicleEF	MDV	0.06	8.4300e-004
tblVehicleEF	MDV	0.03	2.0670e-003
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.20	0.00
tblVehicleEF	MDV	8.8420e-003	8.4000e-005
tblVehicleEF	MDV	0.01	0.00
tblVehicleEF	MDV	1.09	0.04
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tblVehicleEF	MDV	465.57	68.90
tblVehicleEF	MDV	98.24	0.00
tblVehicleEF	MDV	0.10	6.5650e-003
tblVehicleEF	MDV	0.19	0.00
tblVehicleEF	MDV	1.7360e-003	7.6800e-004
tblVehicleEF	MDV	2.3850e-003	0.00
tblVehicleEF	MDV	1.5990e-003	7.3500e-004
tblVehicleEF	MDV	2.1930e-003	0.00
tblVehicleEF	MDV	0.15	9.2090e-003
tblVehicleEF	MDV	0.19	3.9100e-003
tblVehicleEF	MDV	0.14	4.3870e-003
tblVehicleEF	MDV	0.02	1.8160e-003
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.15	0.00
tblVehicleEF	MDV	4.6610e-003	6.5100e-004
tblVehicleEF	MDV	1.0150e-003	0.00

tblVehicleEF	MDV	0.15	9.2090e-003
tblVehicleEF	MDV	0.19	3.9100e-003
tblVehicleEF	MDV	0.14	4.3870e-003
tblVehicleEF	MDV	0.03	2.0670e-003
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.16	0.00
tblVehicleEF	MDV	7.5790e-003	8.4000e-005
tblVehicleEF	MDV	0.02	0.00
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tblVehicleEF	MDV	98.24	0.00
tblVehicleEF	MDV	0.12	6.9260e-003
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tblVehicleEF	MDV	1.7360e-003	7.6800e-004
tblVehicleEF	MDV	2.3850e-003	0.00
tblVehicleEF	MDV	1.5990e-003	7.3500e-004
tblVehicleEF	MDV	2.1930e-003	0.00
tblVehicleEF	MDV	0.02	1.2200e-004
tblVehicleEF	MDV	0.18	3.9100e-003
tblVehicleEF	MDV	0.03	1.4000e-005
tblVehicleEF	MDV	0.02	1.8160e-003
tblVehicleEF	MDV	0.12	0.00
tblVehicleEF	MDV	0.21	0.00
tblVehicleEF	MDV	4.2270e-003	6.5100e-004
tblVehicleEF	MDV	1.0340e-003	0.00
tblVehicleEF	MDV	0.02	1.2200e-004

tblVehicleEF	MDV	0.18	3.9100e-003
tblVehicleEF	MDV	0.03	1.4000e-005
tblVehicleEF	MDV	0.03	2.0670e-003
tblVehicleEF	MDV	0.12	0.00
tblVehicleEF	MDV	0.23	0.00
tblVehicleEF	MH	0.02	1.0360e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.32	0.08
tblVehicleEF	MH	4.77	0.00
tblVehicleEF	MH	1,207.96	199.43
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tblVehicleEF	MH	1.27	0.84
tblVehicleEF	MH	0.75	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	9.5600e-004	0.00
tblVehicleEF	MH	3.2280e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	8.7900e-004	0.00
tblVehicleEF	MH	0.65	0.13
tblVehicleEF	MH	0.06	3.9100e-003
tblVehicleEF	MH	0.26	0.04
tblVehicleEF	MH	0.07	0.02
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	0.01	1.8850e-003
tblVehicleEF	MH	6.6100e-004	0.00

tblVehicleEF	MH	0.65	0.13
tblVehicleEF	MH	0.06	3.9100e-003
tblVehicleEF	MH	0.26	0.04
tblVehicleEF	MH	0.10	0.03
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.02	1.0360e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.38	0.08
tblVehicleEF	MH	4.28	0.00
tblVehicleEF	MH	1,207.96	199.43
tblVehicleEF	MH	57.74	0.00
tblVehicleEF	MH	1.19	0.81
tblVehicleEF	MH	0.70	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	9.5600e-004	0.00
tblVehicleEF	MH	3.2280e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	8.7900e-004	0.00
tblVehicleEF	MH	1.64	0.44
tblVehicleEF	MH	0.07	3.9100e-003
tblVehicleEF	MH	0.60	0.21
tblVehicleEF	MH	0.07	0.02
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.26	0.00
tblVehicleEF	MH	0.01	1.8850e-003

tblVehicleEF	MH	6.5200e-004	0.00
tblVehicleEF	MH	1.64	0.44
tblVehicleEF	MH	0.07	3.9100e-003
tblVehicleEF	MH	0.60	0.21
tblVehicleEF	MH	0.10	0.03
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.29	0.00
tblVehicleEF	MH	0.02	1.0360e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.28	0.08
tblVehicleEF	MH	5.19	0.00
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tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	9.5600e-004	0.00
tblVehicleEF	MH	3.2280e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	8.7900e-004	0.00
tblVehicleEF	MH	0.23	0.02
tblVehicleEF	MH	0.07	3.9100e-003
tblVehicleEF	MH	0.12	2.2280e-003
tblVehicleEF	MH	0.07	0.02
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.30	0.00

tblVehicleEF	MH	0.01	1.8850e-003
tblVehicleEF	MH	6.6800e-004	0.00
tblVehicleEF	MH	0.23	0.02
tblVehicleEF	MH	0.07	3.9100e-003
tblVehicleEF	MH	0.12	2.2280e-003
tblVehicleEF	MH	0.09	0.03
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tblVehicleEF	MH	0.33	0.00
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tblVehicleEF	MHD	7.4700e-004	1.3790e-003

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tblVehicleEF	MHD	0.01	1.8800e-003
tblVehicleEF	MHD	6.9000e-004	0.00
tblVehicleEF	MHD	7.4700e-004	1.3790e-003
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tblVehicleEF	MHD	60.16	0.00
tblVehicleEF	MHD	0.39	0.13
tblVehicleEF	MHD	1.06	0.33

tblVehicleEF	MHD	10.16	0.43
tblVehicleEF	MHD	1.0400e-004	9.7000e-005
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tblVehicleEF	OBUS	0.02	3.9100e-003
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tblVehicleEF	OBUS	1.1000e-005	7.6000e-005
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tblVehicleEF	OBUS	2.4400e-003	2.4520e-003
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tblVehicleEF	OBUS	2.3080e-003	2.3460e-003
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tblVehicleEF	UBUS	1,928.48	308.11
tblVehicleEF	UBUS	154.02	0.00
tblVehicleEF	UBUS	4.39	0.15
tblVehicleEF	UBUS	11.87	0.00
tblVehicleEF	UBUS	0.48	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.08	1.1300e-003
tblVehicleEF	UBUS	1.3740e-003	0.00
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.7080e-003
tblVehicleEF	UBUS	0.08	1.0810e-003
tblVehicleEF	UBUS	1.2640e-003	0.00
tblVehicleEF	UBUS	0.01	0.04
tblVehicleEF	UBUS	0.11	3.9100e-003
tblVehicleEF	UBUS	6.4730e-003	5.2450e-003

tblVehicleEF	UBUS	0.34	2.0700e-004
tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	0.85	0.00
tblVehicleEF	UBUS	0.02	2.9130e-003
tblVehicleEF	UBUS	1.7080e-003	0.00
tblVehicleEF	UBUS	0.01	0.04
tblVehicleEF	UBUS	0.11	3.9100e-003
tblVehicleEF	UBUS	6.4730e-003	5.2450e-003
tblVehicleEF	UBUS	0.61	0.01
tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	0.94	0.00
tblVehicleEF	UBUS	0.24	0.01
tblVehicleEF	UBUS	0.08	0.00
tblVehicleEF	UBUS	3.63	0.02
tblVehicleEF	UBUS	13.94	0.00
tblVehicleEF	UBUS	1,928.48	308.11
tblVehicleEF	UBUS	154.02	0.00
tblVehicleEF	UBUS	4.69	0.15
tblVehicleEF	UBUS	12.12	0.00
tblVehicleEF	UBUS	0.48	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.08	1.1300e-003
tblVehicleEF	UBUS	1.3740e-003	0.00
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.7080e-003
tblVehicleEF	UBUS	0.08	1.0810e-003
tblVehicleEF	UBUS	1.2640e-003	0.00

tblVehicleEF	UBUS	1.9350e-003	5.1400e-004
tblVehicleEF	UBUS	0.10	3.9100e-003
tblVehicleEF	UBUS	1.3220e-003	1.7000e-005
tblVehicleEF	UBUS	0.33	2.0700e-004
tblVehicleEF	UBUS	0.03	0.00
tblVehicleEF	UBUS	1.10	0.00
tblVehicleEF	UBUS	0.02	2.9130e-003
tblVehicleEF	UBUS	1.7930e-003	0.00
tblVehicleEF	UBUS	1.9350e-003	5.1400e-004
tblVehicleEF	UBUS	0.10	3.9100e-003
tblVehicleEF	UBUS	1.3220e-003	1.7000e-005
tblVehicleEF	UBUS	0.59	0.01
tblVehicleEF	UBUS	0.03	0.00
tblVehicleEF	UBUS	1.21	0.00
tblVehicleTrips	CC_TTP	28.00	0.00
tblVehicleTrips	CNW_TTP	13.00	0.00
tblVehicleTrips	CW_TL	9.50	20.53
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PR_TP	79.00	100.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	2.49	2.97
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	0.73	2.97
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	6.83	2.97

tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	IndoorWaterUseRate	3,293,406.35	0.00
tblWater	IndoorWaterUseRate	38,262,625.00	0.00
tblWater	OutdoorWaterUseRate	2,018,539.38	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1819	0.7041	0.6022	5.9800e-003	1.5312	0.0107	1.5420	0.4352	0.0102	0.4454	0.0000	557.8641	557.8641	6.0700e-003	0.0000	558.0159
Unmitigated	0.1819	0.7041	0.6022	5.9800e-003	1.5312	0.0107	1.5420	0.4352	0.0102	0.4454	0.0000	557.8641	557.8641	6.0700e-003	0.0000	558.0159

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Industrial Park	492.01	492.01	492.01	3,676,765	3,676,765
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	492.01	492.01	492.01	3,676,765	3,676,765

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Industrial Park	20.53	7.30	7.30	100.00	0.00	0.00	100	0	0
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.597341	0.036425	0.184736	0.114304	0.014288	0.004933	0.010771	0.025203	0.001643	0.001653	0.005254	0.002704	0.000746
Industrial Park	0.000000	0.000000	0.000000	0.000000	0.743354	0.256646	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Other Asphalt Surfaces	0.597341	0.036425	0.184736	0.114304	0.014288	0.004933	0.010771	0.025203	0.001643	0.001653	0.005254	0.002704	0.000746
Other Non-Asphalt Surfaces	0.597341	0.036425	0.184736	0.114304	0.014288	0.004933	0.010771	0.025203	0.001643	0.001653	0.005254	0.002704	0.000746
Parking Lot	0.597341	0.036425	0.184736	0.114304	0.014288	0.004933	0.010771	0.025203	0.001643	0.001653	0.005254	0.002704	0.000746

Scenario 4: HHDT_2025

Contra Costa County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	18.53	1000sqft	0.43	18,529.00	0
Industrial Park	165.46	1000sqft	3.80	165,456.00	0
Other Asphalt Surfaces	14.73	Acre	14.73	641,537.00	0
Other Non-Asphalt Surfaces	3.19	Acre	3.19	0.00	0
Parking Lot	9.74	Acre	9.74	424,302.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	5			**Operational Year**	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	206.29	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See assumptions file.

Land Use - See assumptions file.

Construction Phase -

Vehicle Trips - See assumptions file.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Area Coating - For mobile source emissions only.

Energy Use - For mobile source emissions only.

Water And Wastewater - For mobile source emissions only.

Solid Waste - For mobile source emissions only.

Energy Mitigation -

Water Mitigation -

Fleet Mix - See assumptions file.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	91993	0
tblAreaCoating	Area_Nonresidential_Interior	275978	0
tblAreaCoating	Area_Parking	63950	0
tblEnergyUse	LightingElect	3.58	0.00
tblEnergyUse	LightingElect	3.58	0.00
tblEnergyUse	NT24E	4.80	0.00
tblEnergyUse	NT24E	4.80	0.00
tblEnergyUse	NT24NG	1.01	0.00
tblEnergyUse	NT24NG	1.01	0.00
tblEnergyUse	T24E	4.10	0.00
tblEnergyUse	T24E	4.10	0.00
tblEnergyUse	T24NG	18.32	0.00
tblEnergyUse	T24NG	18.32	0.00

tblFleetMix	HHD	0.03	1.00
tblFleetMix	LDA	0.60	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	4.9330e-003	0.00
tblFleetMix	MCY	5.2540e-003	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MH	7.4600e-004	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	1.6430e-003	0.00
tblFleetMix	SBUS	2.7040e-003	0.00
tblFleetMix	UBUS	1.6530e-003	0.00
tblLandUse	LandUseSquareFeet	18,530.00	18,529.00
tblLandUse	LandUseSquareFeet	165,460.00	165,456.00
tblLandUse	LandUseSquareFeet	641,638.80	641,537.00
tblLandUse	LandUseSquareFeet	138,956.40	0.00
tblLandUse	LandUseSquareFeet	424,274.40	424,302.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	206.29
tblSolidWaste	SolidWasteGenerationRate	17.23	0.00
tblSolidWaste	SolidWasteGenerationRate	205.17	0.00
tblVehicleEF	HHD	0.40	0.02
tblVehicleEF	HHD	0.04	1.1160e-003
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	1.55	6.28
tblVehicleEF	HHD	0.84	0.24
tblVehicleEF	HHD	2.84	0.00

tblVehicleEF	HHD	4,274.18	1,020.70
tblVehicleEF	HHD	1,530.13	1,357.40
tblVehicleEF	HHD	8.79	0.00
tblVehicleEF	HHD	13.50	5.30
tblVehicleEF	HHD	1.84	2.67
tblVehicleEF	HHD	19.73	2.40
tblVehicleEF	HHD	7.0080e-003	2.4950e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	6.1110e-003	0.03
tblVehicleEF	HHD	9.3000e-005	0.00
tblVehicleEF	HHD	6.7050e-003	2.3870e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8130e-003	8.8700e-003
tblVehicleEF	HHD	5.8460e-003	0.02
tblVehicleEF	HHD	8.6000e-005	0.00
tblVehicleEF	HHD	7.3000e-005	0.00
tblVehicleEF	HHD	3.8850e-003	0.00
tblVehicleEF	HHD	0.40	0.43
tblVehicleEF	HHD	4.9000e-005	0.00
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	3.2900e-004	0.00
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	0.04	9.6430e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.3400e-004	0.00
tblVehicleEF	HHD	7.3000e-005	0.00

tblVehicleEF	HHD	3.8850e-003	0.00
tblVehicleEF	HHD	0.47	0.49
tblVehicleEF	HHD	4.9000e-005	0.00
tblVehicleEF	HHD	0.14	0.03
tblVehicleEF	HHD	3.2900e-004	0.00
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	0.38	0.02
tblVehicleEF	HHD	0.04	1.1160e-003
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	1.12	6.19
tblVehicleEF	HHD	0.85	0.24
tblVehicleEF	HHD	2.59	0.00
tblVehicleEF	HHD	4,528.11	1,008.92
tblVehicleEF	HHD	1,530.13	1,357.40
tblVehicleEF	HHD	8.79	0.00
tblVehicleEF	HHD	13.93	5.07
tblVehicleEF	HHD	1.77	2.57
tblVehicleEF	HHD	19.72	2.40
tblVehicleEF	HHD	5.9080e-003	2.1860e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	6.1110e-003	0.03
tblVehicleEF	HHD	9.3000e-005	0.00
tblVehicleEF	HHD	5.6530e-003	2.0910e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8130e-003	8.8700e-003
tblVehicleEF	HHD	5.8460e-003	0.02

tblVehicleEF	HHD	8.6000e-005	0.00
tblVehicleEF	HHD	1.9000e-004	0.00
tblVehicleEF	HHD	4.3090e-003	0.00
tblVehicleEF	HHD	0.38	0.45
tblVehicleEF	HHD	1.1800e-004	0.00
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	3.2200e-004	0.00
tblVehicleEF	HHD	0.06	0.00
tblVehicleEF	HHD	0.04	9.5320e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.3000e-004	0.00
tblVehicleEF	HHD	1.9000e-004	0.00
tblVehicleEF	HHD	4.3090e-003	0.00
tblVehicleEF	HHD	0.44	0.52
tblVehicleEF	HHD	1.1800e-004	0.00
tblVehicleEF	HHD	0.14	0.03
tblVehicleEF	HHD	3.2200e-004	0.00
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	0.43	0.02
tblVehicleEF	HHD	0.04	1.1160e-003
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.13	6.40
tblVehicleEF	HHD	0.84	0.24
tblVehicleEF	HHD	3.08	0.00
tblVehicleEF	HHD	3,923.51	1,036.98
tblVehicleEF	HHD	1,530.13	1,357.40
tblVehicleEF	HHD	8.79	0.00

tblVehicleEF	HHD	12.90	5.63
tblVehicleEF	HHD	1.87	2.71
tblVehicleEF	HHD	19.75	2.40
tblVehicleEF	HHD	8.5270e-003	2.9210e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	6.1110e-003	0.03
tblVehicleEF	HHD	9.3000e-005	0.00
tblVehicleEF	HHD	8.1580e-003	2.7950e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8130e-003	8.8700e-003
tblVehicleEF	HHD	5.8460e-003	0.02
tblVehicleEF	HHD	8.6000e-005	0.00
tblVehicleEF	HHD	2.8000e-005	0.00
tblVehicleEF	HHD	4.0400e-003	0.00
tblVehicleEF	HHD	0.44	0.40
tblVehicleEF	HHD	2.1000e-005	0.00
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	3.6600e-004	0.00
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	0.04	9.7970e-003
tblVehicleEF	HHD	0.01	0.01
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tblVehicleEF	HHD	2.8000e-005	0.00
tblVehicleEF	HHD	4.0400e-003	0.00
tblVehicleEF	HHD	0.50	0.45
tblVehicleEF	HHD	2.1000e-005	0.00

tblVehicleEF	HHD	0.14	0.03
tblVehicleEF	HHD	3.6600e-004	0.00
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	LDA	3.0000e-003	4.5200e-004
tblVehicleEF	LDA	4.0030e-003	0.00
tblVehicleEF	LDA	0.45	0.18
tblVehicleEF	LDA	0.96	0.00
tblVehicleEF	LDA	219.81	191.74
tblVehicleEF	LDA	50.69	0.00
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.05	0.00
tblVehicleEF	LDA	1.6530e-003	4.4530e-003
tblVehicleEF	LDA	2.2670e-003	0.00
tblVehicleEF	LDA	1.5230e-003	4.2600e-003
tblVehicleEF	LDA	2.0840e-003	0.00
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	0.02	0.00
tblVehicleEF	LDA	7.5490e-003	9.7330e-003
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.05	0.00
tblVehicleEF	LDA	2.2000e-003	1.8130e-003
tblVehicleEF	LDA	5.2300e-004	0.00
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	0.02	0.00
tblVehicleEF	LDA	0.01	0.01

tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.06	0.00
tblVehicleEF	LDA	3.4080e-003	4.5200e-004
tblVehicleEF	LDA	3.2290e-003	0.00
tblVehicleEF	LDA	0.54	0.18
tblVehicleEF	LDA	0.74	0.00
tblVehicleEF	LDA	240.29	191.74
tblVehicleEF	LDA	50.69	0.00
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.05	0.00
tblVehicleEF	LDA	1.6530e-003	4.4530e-003
tblVehicleEF	LDA	2.2670e-003	0.00
tblVehicleEF	LDA	1.5230e-003	4.2600e-003
tblVehicleEF	LDA	2.0840e-003	0.00
tblVehicleEF	LDA	0.07	0.00
tblVehicleEF	LDA	0.10	0.00
tblVehicleEF	LDA	0.06	0.00
tblVehicleEF	LDA	8.5580e-003	9.7330e-003
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	2.4060e-003	1.8130e-003
tblVehicleEF	LDA	5.1900e-004	0.00
tblVehicleEF	LDA	0.07	0.00
tblVehicleEF	LDA	0.10	0.00
tblVehicleEF	LDA	0.06	0.00
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.00

tblVehicleEF	LDA	0.05	0.00
tblVehicleEF	LDA	2.9090e-003	4.5200e-004
tblVehicleEF	LDA	4.5710e-003	0.00
tblVehicleEF	LDA	0.44	0.18
tblVehicleEF	LDA	1.14	0.00
tblVehicleEF	LDA	217.00	191.74
tblVehicleEF	LDA	50.69	0.00
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.06	0.00
tblVehicleEF	LDA	1.6530e-003	4.4530e-003
tblVehicleEF	LDA	2.2670e-003	0.00
tblVehicleEF	LDA	1.5230e-003	4.2600e-003
tblVehicleEF	LDA	2.0840e-003	0.00
tblVehicleEF	LDA	8.7300e-003	0.00
tblVehicleEF	LDA	0.09	0.00
tblVehicleEF	LDA	0.01	0.00
tblVehicleEF	LDA	7.3230e-003	9.7330e-003
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	0.06	0.00
tblVehicleEF	LDA	2.1720e-003	1.8130e-003
tblVehicleEF	LDA	5.2600e-004	0.00
tblVehicleEF	LDA	8.7300e-003	0.00
tblVehicleEF	LDA	0.09	0.00
tblVehicleEF	LDA	0.01	0.00
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	0.07	0.00

tblVehicleEF	LDT1	6.0950e-003	6.9890e-003
tblVehicleEF	LDT1	9.7950e-003	0.00
tblVehicleEF	LDT1	0.80	1.00
tblVehicleEF	LDT1	2.08	0.00
tblVehicleEF	LDT1	276.40	402.46
tblVehicleEF	LDT1	64.55	0.00
tblVehicleEF	LDT1	0.08	0.90
tblVehicleEF	LDT1	0.11	0.00
tblVehicleEF	LDT1	2.0320e-003	0.11
tblVehicleEF	LDT1	2.8410e-003	0.00
tblVehicleEF	LDT1	1.8700e-003	0.11
tblVehicleEF	LDT1	2.6130e-003	0.00
tblVehicleEF	LDT1	0.07	0.00
tblVehicleEF	LDT1	0.20	0.00
tblVehicleEF	LDT1	0.07	0.00
tblVehicleEF	LDT1	0.02	0.15
tblVehicleEF	LDT1	0.13	0.00
tblVehicleEF	LDT1	0.13	0.00
tblVehicleEF	LDT1	2.7720e-003	3.8050e-003
tblVehicleEF	LDT1	6.8100e-004	0.00
tblVehicleEF	LDT1	0.07	0.00
tblVehicleEF	LDT1	0.20	0.00
tblVehicleEF	LDT1	0.07	0.00
tblVehicleEF	LDT1	0.02	0.17
tblVehicleEF	LDT1	0.13	0.00
tblVehicleEF	LDT1	0.14	0.00
tblVehicleEF	LDT1	6.8610e-003	6.9890e-003

tblVehicleEF	LDT1	7.8490e-003	0.00
tblVehicleEF	LDT1	0.96	1.00
tblVehicleEF	LDT1	1.58	0.00
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tblVehicleEF	LDT1	2.0320e-003	0.11
tblVehicleEF	LDT1	2.8410e-003	0.00
tblVehicleEF	LDT1	1.8700e-003	0.11
tblVehicleEF	LDT1	2.6130e-003	0.00
tblVehicleEF	LDT1	0.19	0.00
tblVehicleEF	LDT1	0.23	0.00
tblVehicleEF	LDT1	0.15	0.00
tblVehicleEF	LDT1	0.02	0.15
tblVehicleEF	LDT1	0.12	0.00
tblVehicleEF	LDT1	0.11	0.00
tblVehicleEF	LDT1	3.0240e-003	3.8050e-003
tblVehicleEF	LDT1	6.7300e-004	0.00
tblVehicleEF	LDT1	0.19	0.00
tblVehicleEF	LDT1	0.23	0.00
tblVehicleEF	LDT1	0.15	0.00
tblVehicleEF	LDT1	0.02	0.17
tblVehicleEF	LDT1	0.12	0.00
tblVehicleEF	LDT1	0.12	0.00
tblVehicleEF	LDT1	5.9410e-003	6.9890e-003
tblVehicleEF	LDT1	0.01	0.00

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tblVehicleEF	LDT1	2.8410e-003	0.00
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tblVehicleEF	LDT1	2.6130e-003	0.00
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tblVehicleEF	LDT1	0.21	0.00
tblVehicleEF	LDT1	0.03	0.00
tblVehicleEF	LDT1	0.01	0.15
tblVehicleEF	LDT1	0.16	0.00
tblVehicleEF	LDT1	0.15	0.00
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tblVehicleEF	LDT1	6.8800e-004	0.00
tblVehicleEF	LDT1	0.02	0.00
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tblVehicleEF	LDT1	0.02	0.17
tblVehicleEF	LDT1	0.16	0.00
tblVehicleEF	LDT1	0.17	0.00
tblVehicleEF	LDT2	4.0660e-003	6.0100e-004
tblVehicleEF	LDT2	5.2330e-003	0.00
tblVehicleEF	LDT2	0.58	0.13

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tblVehicleEF	LDT2	0.09	0.00
tblVehicleEF	LDT2	1.6890e-003	4.2910e-003
tblVehicleEF	LDT2	2.3480e-003	0.00
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tblVehicleEF	LDT2	0.06	0.00
tblVehicleEF	LDT2	0.07	0.00
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tblVehicleEF	LDT2	7.4000e-004	0.00
tblVehicleEF	LDT2	0.03	0.00
tblVehicleEF	LDT2	0.09	0.00
tblVehicleEF	LDT2	0.04	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.00
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	4.6120e-003	6.0100e-004
tblVehicleEF	LDT2	4.2270e-003	0.00
tblVehicleEF	LDT2	0.71	0.13
tblVehicleEF	LDT2	0.95	0.00

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tblVehicleEF	LDT2	2.3480e-003	0.00
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tblVehicleEF	LDT2	2.1590e-003	0.00
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tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.00
tblVehicleEF	LDT2	0.06	0.00
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tblVehicleEF	LDT2	7.3500e-004	0.00
tblVehicleEF	LDT2	0.09	0.00
tblVehicleEF	LDT2	0.11	0.00
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	0.02	0.01
tblVehicleEF	LDT2	0.05	0.00
tblVehicleEF	LDT2	0.06	0.00
tblVehicleEF	LDT2	3.9420e-003	6.0100e-004
tblVehicleEF	LDT2	5.9720e-003	0.00
tblVehicleEF	LDT2	0.57	0.13
tblVehicleEF	LDT2	1.46	0.00
tblVehicleEF	LDT2	307.00	262.13

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tblVehicleEF	LDT2	1.6890e-003	4.2910e-003
tblVehicleEF	LDT2	2.3480e-003	0.00
tblVehicleEF	LDT2	1.5530e-003	4.1060e-003
tblVehicleEF	LDT2	2.1590e-003	0.00
tblVehicleEF	LDT2	0.01	0.00
tblVehicleEF	LDT2	0.10	0.00
tblVehicleEF	LDT2	0.02	0.00
tblVehicleEF	LDT2	9.7800e-003	0.01
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.08	0.00
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tblVehicleEF	LDT2	7.4400e-004	0.00
tblVehicleEF	LDT2	0.01	0.00
tblVehicleEF	LDT2	0.10	0.00
tblVehicleEF	LDT2	0.02	0.00
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tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.09	0.00
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tblVehicleEF	LHD1	0.01	7.4350e-003
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tblVehicleEF	LHD1	0.93	0.72
tblVehicleEF	LHD1	2.17	0.00

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tblVehicleEF	LHD1	0.02	0.02
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tblVehicleEF	LHD1	2.5620e-003	3.0000e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	7.4700e-004	0.00
tblVehicleEF	LHD1	2.2070e-003	0.00
tblVehicleEF	LHD1	0.10	0.00
tblVehicleEF	LHD1	0.02	8.7260e-003
tblVehicleEF	LHD1	1.2810e-003	0.00
tblVehicleEF	LHD1	0.12	0.16
tblVehicleEF	LHD1	0.31	0.00
tblVehicleEF	LHD1	0.22	0.00
tblVehicleEF	LHD1	9.1000e-005	9.9000e-005
tblVehicleEF	LHD1	6.6090e-003	5.0420e-003
tblVehicleEF	LHD1	3.3400e-004	0.00
tblVehicleEF	LHD1	2.2070e-003	0.00
tblVehicleEF	LHD1	0.10	0.00
tblVehicleEF	LHD1	0.02	9.9340e-003

tblVehicleEF	LHD1	1.2810e-003	0.00
tblVehicleEF	LHD1	0.15	0.18
tblVehicleEF	LHD1	0.31	0.00
tblVehicleEF	LHD1	0.24	0.00
tblVehicleEF	LHD1	4.7260e-003	4.0500e-004
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tblVehicleEF	LHD1	0.02	0.00
tblVehicleEF	LHD1	0.14	0.07
tblVehicleEF	LHD1	0.95	0.72
tblVehicleEF	LHD1	1.99	0.00
tblVehicleEF	LHD1	9.14	10.44
tblVehicleEF	LHD1	674.80	533.30
tblVehicleEF	LHD1	29.28	0.00
tblVehicleEF	LHD1	0.08	0.15
tblVehicleEF	LHD1	1.22	1.51
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tblVehicleEF	LHD1	9.3600e-004	2.1910e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	8.1200e-004	0.00
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tblVehicleEF	LHD1	2.5620e-003	3.0000e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	7.4700e-004	0.00
tblVehicleEF	LHD1	5.5640e-003	0.00
tblVehicleEF	LHD1	0.11	0.00
tblVehicleEF	LHD1	0.02	8.7260e-003

tblVehicleEF	LHD1	2.9030e-003	0.00
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tblVehicleEF	LHD1	0.30	0.00
tblVehicleEF	LHD1	0.20	0.00
tblVehicleEF	LHD1	9.1000e-005	9.9000e-005
tblVehicleEF	LHD1	6.6090e-003	5.0420e-003
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tblVehicleEF	LHD1	5.5640e-003	0.00
tblVehicleEF	LHD1	0.11	0.00
tblVehicleEF	LHD1	0.02	9.9340e-003
tblVehicleEF	LHD1	2.9030e-003	0.00
tblVehicleEF	LHD1	0.15	0.18
tblVehicleEF	LHD1	0.30	0.00
tblVehicleEF	LHD1	0.22	0.00
tblVehicleEF	LHD1	4.7260e-003	4.0500e-004
tblVehicleEF	LHD1	0.01	7.4350e-003
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tblVehicleEF	LHD1	674.80	533.30
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tblVehicleEF	LHD1	0.08	0.15
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tblVehicleEF	LHD1	0.96	0.00
tblVehicleEF	LHD1	9.3600e-004	2.1910e-003

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tblVehicleEF	LHD1	0.02	0.02
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tblVehicleEF	LHD1	8.9500e-004	2.0960e-003
tblVehicleEF	LHD1	2.5620e-003	3.0000e-003
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tblVehicleEF	LHD1	7.4700e-004	0.00
tblVehicleEF	LHD1	8.0200e-004	0.00
tblVehicleEF	LHD1	0.11	0.00
tblVehicleEF	LHD1	0.02	8.7260e-003
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tblVehicleEF	LHD1	9.1000e-005	9.9000e-005
tblVehicleEF	LHD1	6.6080e-003	5.0420e-003
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tblVehicleEF	LHD1	0.02	9.9340e-003
tblVehicleEF	LHD1	5.8000e-004	0.00
tblVehicleEF	LHD1	0.15	0.18
tblVehicleEF	LHD1	0.34	0.00
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tblVehicleEF	LHD2	6.6120e-003	6.8970e-003
tblVehicleEF	LHD2	5.0900e-003	0.00

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tblVehicleEF	LHD2	0.98	0.00
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tblVehicleEF	LHD2	0.01	0.02
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tblVehicleEF	LHD2	2.7070e-003	3.0000e-003
tblVehicleEF	LHD2	0.01	0.02
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tblVehicleEF	LHD2	5.9500e-004	0.00
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tblVehicleEF	LHD2	2.4000e-004	0.00

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tblVehicleEF	LHD2	0.02	9.9340e-003
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tblVehicleEF	LHD2	0.01	0.02
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tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.3000e-004	0.00

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tblVehicleEF	LHD2	0.05	0.00
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tblVehicleEF	LHD2	0.53	0.67
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tblVehicleEF	LHD2	0.01	0.02
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tblVehicleEF	LHD2	0.01	0.02
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tblVehicleEF	LHD2	0.01	8.7260e-003
tblVehicleEF	LHD2	1.7300e-004	0.00
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tblVehicleEF	LHD2	0.05	0.00
tblVehicleEF	LHD2	0.07	0.00
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tblVehicleEF	LHD2	0.02	9.9340e-003
tblVehicleEF	LHD2	1.7300e-004	0.00
tblVehicleEF	LHD2	0.12	0.17
tblVehicleEF	LHD2	0.05	0.00
tblVehicleEF	LHD2	0.08	0.00

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tblVehicleEF	MCY	3.6410e-003	0.00
tblVehicleEF	MCY	5.0400e-003	0.00
tblVehicleEF	MCY	1.0000e-003	0.00
tblVehicleEF	MCY	1.9790e-003	0.00
tblVehicleEF	MCY	3.4250e-003	0.00
tblVehicleEF	MCY	0.87	0.00
tblVehicleEF	MCY	0.72	0.00
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tblVehicleEF	MCY	2.25	0.00
tblVehicleEF	MCY	0.57	0.00
tblVehicleEF	MCY	2.22	0.00
tblVehicleEF	MCY	2.1220e-003	0.00
tblVehicleEF	MCY	6.8500e-004	0.00
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tblVehicleEF	MCY	0.54	0.00

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tblVehicleEF	MCY	2.41	0.00
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tblVehicleEF	MCY	1.01	0.00
tblVehicleEF	MCY	0.29	0.00
tblVehicleEF	MCY	0.01	0.00
tblVehicleEF	MCY	4.0000e-003	0.00
tblVehicleEF	MCY	2.1180e-003	0.00
tblVehicleEF	MCY	3.6410e-003	0.00
tblVehicleEF	MCY	5.0400e-003	0.00
tblVehicleEF	MCY	1.0000e-003	0.00
tblVehicleEF	MCY	1.9790e-003	0.00
tblVehicleEF	MCY	3.4250e-003	0.00
tblVehicleEF	MCY	2.57	0.00
tblVehicleEF	MCY	1.04	0.00
tblVehicleEF	MCY	1.68	0.00
tblVehicleEF	MCY	2.17	0.00
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tblVehicleEF	MCY	1.68	0.00
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tblVehicleEF	MCY	0.01	0.00
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tblVehicleEF	MCY	2.1180e-003	0.00
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tblVehicleEF	MCY	0.83	0.00
tblVehicleEF	MCY	0.16	0.00
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tblVehicleEF	MCY	2.60	0.00
tblVehicleEF	MCY	2.1520e-003	0.00
tblVehicleEF	MCY	7.2200e-004	0.00
tblVehicleEF	MCY	0.17	0.00
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tblVehicleEF	MCY	0.16	0.00
tblVehicleEF	MCY	2.92	0.00
tblVehicleEF	MCY	0.67	0.00
tblVehicleEF	MCY	2.83	0.00
tblVehicleEF	MDV	7.8070e-003	4.2200e-004
tblVehicleEF	MDV	0.01	0.00
tblVehicleEF	MDV	0.90	0.18
tblVehicleEF	MDV	2.48	0.00
tblVehicleEF	MDV	427.63	344.50
tblVehicleEF	MDV	98.24	0.00
tblVehicleEF	MDV	0.11	0.03
tblVehicleEF	MDV	0.22	0.00
tblVehicleEF	MDV	1.7360e-003	3.8400e-003
tblVehicleEF	MDV	2.3850e-003	0.00
tblVehicleEF	MDV	1.5990e-003	3.6740e-003
tblVehicleEF	MDV	2.1930e-003	0.00
tblVehicleEF	MDV	0.06	0.00
tblVehicleEF	MDV	0.17	0.00
tblVehicleEF	MDV	0.06	0.00
tblVehicleEF	MDV	0.02	9.0780e-003
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.18	0.00

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tblVehicleEF	MDV	0.17	0.00
tblVehicleEF	MDV	0.06	0.00
tblVehicleEF	MDV	0.03	0.01
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tblVehicleEF	MDV	1.7360e-003	3.8400e-003
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tblVehicleEF	MDV	1.5990e-003	3.6740e-003
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tblVehicleEF	MDV	0.02	9.0780e-003
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tblVehicleEF	MDV	4.6610e-003	3.2570e-003

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tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.16	0.00
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tblVehicleEF	MDV	98.24	0.00
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tblVehicleEF	MDV	1.7360e-003	3.8400e-003
tblVehicleEF	MDV	2.3850e-003	0.00
tblVehicleEF	MDV	1.5990e-003	3.6740e-003
tblVehicleEF	MDV	2.1930e-003	0.00
tblVehicleEF	MDV	0.02	0.00
tblVehicleEF	MDV	0.18	0.00
tblVehicleEF	MDV	0.03	0.00
tblVehicleEF	MDV	0.02	9.0780e-003
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tblVehicleEF	MH	0.26	0.00

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tblVehicleEF	MH	0.12	0.00
tblVehicleEF	MH	0.07	0.11
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tblVehicleEF	OBUS	1.2000e-005	4.1100e-004
tblVehicleEF	OBUS	2.3080e-003	0.01
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tblVehicleEF	OBUS	0.03	0.09

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tblVehicleEF	OBUS	8.8700e-004	0.00
tblVehicleEF	OBUS	1.5000e-005	4.7500e-004
tblVehicleEF	OBUS	2.3080e-003	0.01
tblVehicleEF	OBUS	8.1500e-004	0.00
tblVehicleEF	OBUS	4.9500e-004	0.00
tblVehicleEF	OBUS	0.02	0.00
tblVehicleEF	OBUS	0.03	0.08
tblVehicleEF	OBUS	2.6600e-004	0.00
tblVehicleEF	OBUS	0.04	0.01
tblVehicleEF	OBUS	0.04	0.00
tblVehicleEF	OBUS	0.34	0.00
tblVehicleEF	OBUS	6.6000e-004	2.6130e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8700e-004	0.00
tblVehicleEF	OBUS	4.9500e-004	0.00
tblVehicleEF	OBUS	0.02	0.00
tblVehicleEF	OBUS	0.04	0.10
tblVehicleEF	OBUS	2.6600e-004	0.00

tblVehicleEF	OBUS	0.05	0.02
tblVehicleEF	OBUS	0.04	0.00
tblVehicleEF	OBUS	0.38	0.00
tblVehicleEF	SBUS	0.86	1.0880e-003
tblVehicleEF	SBUS	5.8610e-003	1.9540e-003
tblVehicleEF	SBUS	0.06	0.00
tblVehicleEF	SBUS	2.13	0.80
tblVehicleEF	SBUS	0.39	0.16
tblVehicleEF	SBUS	1.37	0.00
tblVehicleEF	SBUS	1,429.06	286.41
tblVehicleEF	SBUS	1,234.77	990.17
tblVehicleEF	SBUS	11.02	0.00
tblVehicleEF	SBUS	12.28	2.18
tblVehicleEF	SBUS	4.36	2.84
tblVehicleEF	SBUS	19.08	1.63
tblVehicleEF	SBUS	0.01	1.4140e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	1.9000e-004	0.00
tblVehicleEF	SBUS	9.8550e-003	1.3530e-003
tblVehicleEF	SBUS	2.9270e-003	3.0000e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	1.7500e-004	0.00
tblVehicleEF	SBUS	4.5300e-004	0.00
tblVehicleEF	SBUS	4.4210e-003	0.00
tblVehicleEF	SBUS	0.25	0.02
tblVehicleEF	SBUS	2.2600e-004	0.00

tblVehicleEF	SBUS	0.11	0.04
tblVehicleEF	SBUS	1.9380e-003	0.00
tblVehicleEF	SBUS	0.07	0.00
tblVehicleEF	SBUS	0.01	2.7060e-003
tblVehicleEF	SBUS	0.01	9.3550e-003
tblVehicleEF	SBUS	1.3400e-004	0.00
tblVehicleEF	SBUS	4.5300e-004	0.00
tblVehicleEF	SBUS	4.4210e-003	0.00
tblVehicleEF	SBUS	0.35	0.03
tblVehicleEF	SBUS	2.2600e-004	0.00
tblVehicleEF	SBUS	0.12	0.05
tblVehicleEF	SBUS	1.9380e-003	0.00
tblVehicleEF	SBUS	0.08	0.00
tblVehicleEF	SBUS	0.86	1.1250e-003
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tblVehicleEF	SBUS	0.94	0.00
tblVehicleEF	SBUS	1,510.74	288.12
tblVehicleEF	SBUS	1,234.77	990.17
tblVehicleEF	SBUS	11.02	0.00
tblVehicleEF	SBUS	12.67	2.17
tblVehicleEF	SBUS	4.19	2.73
tblVehicleEF	SBUS	19.07	1.63
tblVehicleEF	SBUS	8.6840e-003	1.2050e-003
tblVehicleEF	SBUS	0.01	0.01

tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	1.9000e-004	0.00
tblVehicleEF	SBUS	8.3080e-003	1.1530e-003
tblVehicleEF	SBUS	2.9270e-003	3.0000e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	1.7500e-004	0.00
tblVehicleEF	SBUS	1.1150e-003	0.00
tblVehicleEF	SBUS	4.6440e-003	0.00
tblVehicleEF	SBUS	0.25	0.02
tblVehicleEF	SBUS	5.2400e-004	0.00
tblVehicleEF	SBUS	0.11	0.04
tblVehicleEF	SBUS	1.6590e-003	0.00
tblVehicleEF	SBUS	0.06	0.00
tblVehicleEF	SBUS	0.01	2.7220e-003
tblVehicleEF	SBUS	0.01	9.3550e-003
tblVehicleEF	SBUS	1.2700e-004	0.00
tblVehicleEF	SBUS	1.1150e-003	0.00
tblVehicleEF	SBUS	4.6440e-003	0.00
tblVehicleEF	SBUS	0.34	0.03
tblVehicleEF	SBUS	5.2400e-004	0.00
tblVehicleEF	SBUS	0.12	0.05
tblVehicleEF	SBUS	1.6590e-003	0.00
tblVehicleEF	SBUS	0.06	0.00
tblVehicleEF	SBUS	0.86	1.0370e-003
tblVehicleEF	SBUS	5.8310e-003	1.9540e-003
tblVehicleEF	SBUS	0.06	0.00
tblVehicleEF	SBUS	2.35	0.84

tblVehicleEF	SBUS	0.39	0.16
tblVehicleEF	SBUS	1.71	0.00
tblVehicleEF	SBUS	1,316.27	284.04
tblVehicleEF	SBUS	1,234.77	990.17
tblVehicleEF	SBUS	11.02	0.00
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tblVehicleEF	SBUS	19.09	1.63
tblVehicleEF	SBUS	0.01	1.7030e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	1.9000e-004	0.00
tblVehicleEF	SBUS	0.01	1.6290e-003
tblVehicleEF	SBUS	2.9270e-003	3.0000e-003
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tblVehicleEF	SBUS	1.7500e-004	0.00
tblVehicleEF	SBUS	1.9900e-004	0.00
tblVehicleEF	SBUS	4.4770e-003	0.00
tblVehicleEF	SBUS	0.26	0.02
tblVehicleEF	SBUS	1.0800e-004	0.00
tblVehicleEF	SBUS	0.11	0.04
tblVehicleEF	SBUS	2.4890e-003	0.00
tblVehicleEF	SBUS	0.08	0.00
tblVehicleEF	SBUS	0.01	2.6830e-003
tblVehicleEF	SBUS	0.01	9.3550e-003
tblVehicleEF	SBUS	1.3900e-004	0.00
tblVehicleEF	SBUS	1.9900e-004	0.00

tblVehicleEF	SBUS	4.4770e-003	0.00
tblVehicleEF	SBUS	0.35	0.03
tblVehicleEF	SBUS	1.0800e-004	0.00
tblVehicleEF	SBUS	0.12	0.05
tblVehicleEF	SBUS	2.4890e-003	0.00
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tblVehicleEF	UBUS	0.24	0.07
tblVehicleEF	UBUS	0.07	0.00
tblVehicleEF	UBUS	3.67	0.12
tblVehicleEF	UBUS	11.64	0.00
tblVehicleEF	UBUS	1,928.48	1,540.56
tblVehicleEF	UBUS	154.02	0.00
tblVehicleEF	UBUS	4.60	0.76
tblVehicleEF	UBUS	12.00	0.00
tblVehicleEF	UBUS	0.48	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.08	5.6480e-003
tblVehicleEF	UBUS	1.3740e-003	0.00
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.7080e-003
tblVehicleEF	UBUS	0.08	5.4030e-003
tblVehicleEF	UBUS	1.2640e-003	0.00
tblVehicleEF	UBUS	5.0560e-003	0.00
tblVehicleEF	UBUS	0.09	0.00
tblVehicleEF	UBUS	2.8400e-003	0.00
tblVehicleEF	UBUS	0.33	1.0330e-003
tblVehicleEF	UBUS	0.02	0.00

tblVehicleEF	UBUS	0.99	0.00
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	1.7530e-003	0.00
tblVehicleEF	UBUS	5.0560e-003	0.00
tblVehicleEF	UBUS	0.09	0.00
tblVehicleEF	UBUS	2.8400e-003	0.00
tblVehicleEF	UBUS	0.60	0.07
tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	1.08	0.00
tblVehicleEF	UBUS	0.24	0.07
tblVehicleEF	UBUS	0.06	0.00
tblVehicleEF	UBUS	3.73	0.12
tblVehicleEF	UBUS	9.09	0.00
tblVehicleEF	UBUS	1,928.48	1,540.56
tblVehicleEF	UBUS	154.02	0.00
tblVehicleEF	UBUS	4.39	0.76
tblVehicleEF	UBUS	11.87	0.00
tblVehicleEF	UBUS	0.48	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.08	5.6480e-003
tblVehicleEF	UBUS	1.3740e-003	0.00
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.7080e-003
tblVehicleEF	UBUS	0.08	5.4030e-003
tblVehicleEF	UBUS	1.2640e-003	0.00
tblVehicleEF	UBUS	0.01	0.00
tblVehicleEF	UBUS	0.11	0.00

tblVehicleEF	UBUS	6.4730e-003	0.00
tblVehicleEF	UBUS	0.34	1.0330e-003
tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	0.85	0.00
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	1.7080e-003	0.00
tblVehicleEF	UBUS	0.01	0.00
tblVehicleEF	UBUS	0.11	0.00
tblVehicleEF	UBUS	6.4730e-003	0.00
tblVehicleEF	UBUS	0.61	0.07
tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	0.94	0.00
tblVehicleEF	UBUS	0.24	0.07
tblVehicleEF	UBUS	0.08	0.00
tblVehicleEF	UBUS	3.63	0.12
tblVehicleEF	UBUS	13.94	0.00
tblVehicleEF	UBUS	1,928.48	1,540.56
tblVehicleEF	UBUS	154.02	0.00
tblVehicleEF	UBUS	4.69	0.76
tblVehicleEF	UBUS	12.12	0.00
tblVehicleEF	UBUS	0.48	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.08	5.6480e-003
tblVehicleEF	UBUS	1.3740e-003	0.00
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.7080e-003
tblVehicleEF	UBUS	0.08	5.4030e-003

tblVehicleEF	UBUS	1.2640e-003	0.00
tblVehicleEF	UBUS	1.9350e-003	0.00
tblVehicleEF	UBUS	0.10	0.00
tblVehicleEF	UBUS	1.3220e-003	0.00
tblVehicleEF	UBUS	0.33	1.0330e-003
tblVehicleEF	UBUS	0.03	0.00
tblVehicleEF	UBUS	1.10	0.00
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	1.7930e-003	0.00
tblVehicleEF	UBUS	1.9350e-003	0.00
tblVehicleEF	UBUS	0.10	0.00
tblVehicleEF	UBUS	1.3220e-003	0.00
tblVehicleEF	UBUS	0.59	0.07
tblVehicleEF	UBUS	0.03	0.00
tblVehicleEF	UBUS	1.21	0.00
tblVehicleTrips	CC_TTP	28.00	0.00
tblVehicleTrips	CNW_TTP	13.00	0.00
tblVehicleTrips	CW_TL	9.50	28.61
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PR_TP	79.00	100.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	2.49	0.30
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	0.73	0.30
tblVehicleTrips	WD_TR	11.03	0.00

tblVehicleTrips	WD_TR	6.83	0.30
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	IndoorWaterUseRate	3,293,406.35	0.00
tblWater	IndoorWaterUseRate	38,262,625.00	0.00
tblWater	OutdoorWaterUseRate	2,018,539.38	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0224	1.6854	0.2634	7.5500e-003	0.2206	0.0144	0.2350	0.0606	0.0138	0.0745	0.0000	724.5432	724.5432	9.4000e-004	0.0000	724.5668
Unmitigated	0.0224	1.6854	0.2634	7.5500e-003	0.2206	0.0144	0.2350	0.0606	0.0138	0.0745	0.0000	724.5432	724.5432	9.4000e-004	0.0000	724.5668

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Industrial Park	50.00	50.00	50.00	520,723	520,723
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	50.00	50.00	50.00	520,723	520,723

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Industrial Park	28.61	7.30	7.30	100.00	0.00	0.00	100	0	0
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.597341	0.036425	0.184736	0.114304	0.014288	0.004933	0.010771	0.025203	0.001643	0.001653	0.005254	0.002704	0.000746
Industrial Park	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Other Asphalt Surfaces	0.597341	0.036425	0.184736	0.114304	0.014288	0.004933	0.010771	0.025203	0.001643	0.001653	0.005254	0.002704	0.000746
Other Non-Asphalt Surfaces	0.597341	0.036425	0.184736	0.114304	0.014288	0.004933	0.010771	0.025203	0.001643	0.001653	0.005254	0.002704	0.000746
Parking Lot	0.597341	0.036425	0.184736	0.114304	0.014288	0.004933	0.010771	0.025203	0.001643	0.001653	0.005254	0.002704	0.000746

Scenario 4: Delivery_2027

Contra Costa County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	18.53	1000sqft	0.43	18,529.00	0
Industrial Park	165.46	1000sqft	3.80	165,456.00	0
Other Asphalt Surfaces	14.73	Acre	14.73	641,537.00	0
Other Non-Asphalt Surfaces	3.19	Acre	3.19	0.00	0
Parking Lot	9.74	Acre	9.74	424,302.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	5			**Operational Year**	2027
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	206.29	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See assumptions file.

Land Use - See assumptions file.

Construction Phase -

Vehicle Trips - See assumptions file.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Area Coating - For mobile source emissions only.

Energy Use - For mobile source emissions only.

Water And Wastewater - For mobile source emissions only.

Solid Waste - For mobile source emissions only.

Energy Mitigation -

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	91993	0
tblAreaCoating	Area_Nonresidential_Interior	275978	0
tblAreaCoating	Area_Parking	63950	0
tblEnergyUse	LightingElect	3.58	0.00
tblEnergyUse	LightingElect	3.58	0.00
tblEnergyUse	NT24E	4.80	0.00
tblEnergyUse	NT24E	4.80	0.00
tblEnergyUse	NT24NG	1.01	0.00
tblEnergyUse	NT24NG	1.01	0.00
tblEnergyUse	T24E	4.10	0.00
tblEnergyUse	T24E	4.10	0.00
tblEnergyUse	T24NG	18.32	0.00
tblEnergyUse	T24NG	18.32	0.00
tblFleetMix	HHD	0.03	0.00

tblFleetMix	LDA	0.60	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LHD1	0.01	0.73
tblFleetMix	LHD2	4.8840e-003	0.27
tblFleetMix	MCY	5.1870e-003	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MH	7.0500e-004	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	1.6530e-003	0.00
tblFleetMix	SBUS	2.6870e-003	0.00
tblFleetMix	UBUS	1.6000e-003	0.00
tblLandUse	LandUseSquareFeet	18,530.00	18,529.00
tblLandUse	LandUseSquareFeet	165,460.00	165,456.00
tblLandUse	LandUseSquareFeet	641,638.80	641,537.00
tblLandUse	LandUseSquareFeet	138,956.40	0.00
tblLandUse	LandUseSquareFeet	424,274.40	424,302.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	206.29
tblSolidWaste	SolidWasteGenerationRate	17.23	0.00
tblSolidWaste	SolidWasteGenerationRate	205.17	0.00
tblVehicleEF	HHD	0.37	0.02
tblVehicleEF	HHD	0.04	1.0960e-003
tblVehicleEF	HHD	0.06	0.00
tblVehicleEF	HHD	1.50	6.25
tblVehicleEF	HHD	0.85	0.24
tblVehicleEF	HHD	2.91	0.00
tblVehicleEF	HHD	4,177.76	980.78

tblVehicleEF	HHD	1,513.19	1,299.85
tblVehicleEF	HHD	8.98	0.00
tblVehicleEF	HHD	12.96	5.23
tblVehicleEF	HHD	1.72	2.62
tblVehicleEF	HHD	19.68	2.40
tblVehicleEF	HHD	5.3000e-003	2.2970e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.9160e-003	0.02
tblVehicleEF	HHD	9.6000e-005	0.00
tblVehicleEF	HHD	5.0710e-003	2.1980e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8170e-003	8.8750e-003
tblVehicleEF	HHD	5.6600e-003	0.02
tblVehicleEF	HHD	8.9000e-005	0.00
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	3.6060e-003	0.00
tblVehicleEF	HHD	0.39	0.43
tblVehicleEF	HHD	4.8000e-005	0.00
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	3.1300e-004	0.00
tblVehicleEF	HHD	0.06	0.00
tblVehicleEF	HHD	0.04	9.2660e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.3700e-004	0.00
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	3.6060e-003	0.00

tblVehicleEF	HHD	0.45	0.49
tblVehicleEF	HHD	4.8000e-005	0.00
tblVehicleEF	HHD	0.14	0.03
tblVehicleEF	HHD	3.1300e-004	0.00
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	0.35	0.02
tblVehicleEF	HHD	0.04	1.0960e-003
tblVehicleEF	HHD	0.06	0.00
tblVehicleEF	HHD	1.09	6.17
tblVehicleEF	HHD	0.86	0.24
tblVehicleEF	HHD	2.65	0.00
tblVehicleEF	HHD	4,425.96	969.20
tblVehicleEF	HHD	1,513.19	1,299.85
tblVehicleEF	HHD	8.98	0.00
tblVehicleEF	HHD	13.38	4.99
tblVehicleEF	HHD	1.66	2.52
tblVehicleEF	HHD	19.66	2.40
tblVehicleEF	HHD	4.4680e-003	2.0190e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.9160e-003	0.02
tblVehicleEF	HHD	9.6000e-005	0.00
tblVehicleEF	HHD	4.2750e-003	1.9320e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8170e-003	8.8750e-003
tblVehicleEF	HHD	5.6600e-003	0.02
tblVehicleEF	HHD	8.9000e-005	0.00

tblVehicleEF	HHD	1.8000e-004	0.00
tblVehicleEF	HHD	3.9880e-003	0.00
tblVehicleEF	HHD	0.37	0.45
tblVehicleEF	HHD	1.1200e-004	0.00
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	3.0500e-004	0.00
tblVehicleEF	HHD	0.06	0.00
tblVehicleEF	HHD	0.04	9.1570e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.3300e-004	0.00
tblVehicleEF	HHD	1.8000e-004	0.00
tblVehicleEF	HHD	3.9880e-003	0.00
tblVehicleEF	HHD	0.42	0.51
tblVehicleEF	HHD	1.1200e-004	0.00
tblVehicleEF	HHD	0.14	0.03
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tblVehicleEF	HHD	0.06	0.00
tblVehicleEF	HHD	0.40	0.02
tblVehicleEF	HHD	0.04	1.0960e-003
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	2.06	6.37
tblVehicleEF	HHD	0.85	0.24
tblVehicleEF	HHD	3.16	0.00
tblVehicleEF	HHD	3,835.00	996.75
tblVehicleEF	HHD	1,513.19	1,299.85
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tblVehicleEF	HHD	12.38	5.56

tblVehicleEF	HHD	1.75	2.66
tblVehicleEF	HHD	19.69	2.40
tblVehicleEF	HHD	6.4490e-003	2.6820e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.9160e-003	0.02
tblVehicleEF	HHD	9.6000e-005	0.00
tblVehicleEF	HHD	6.1700e-003	2.5660e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8170e-003	8.8750e-003
tblVehicleEF	HHD	5.6600e-003	0.02
tblVehicleEF	HHD	8.9000e-005	0.00
tblVehicleEF	HHD	2.9000e-005	0.00
tblVehicleEF	HHD	3.7180e-003	0.00
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tblVehicleEF	HHD	2.1000e-005	0.00
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	3.5000e-004	0.00
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tblVehicleEF	HHD	0.04	9.4170e-003
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tblVehicleEF	HHD	2.1000e-005	0.00
tblVehicleEF	HHD	0.14	0.03

tblVehicleEF	HHD	3.5000e-004	0.00
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tblVehicleEF	LDA	2.5430e-003	3.6500e-004
tblVehicleEF	LDA	3.2030e-003	0.00
tblVehicleEF	LDA	0.40	0.16
tblVehicleEF	LDA	0.82	0.00
tblVehicleEF	LDA	203.26	182.31
tblVehicleEF	LDA	46.86	0.00
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	1.5090e-003	3.2070e-003
tblVehicleEF	LDA	2.1710e-003	0.00
tblVehicleEF	LDA	1.3900e-003	3.0690e-003
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tblVehicleEF	LDA	0.02	3.4690e-003
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tblVehicleEF	LDA	6.3870e-003	7.8580e-003
tblVehicleEF	LDA	0.03	0.00
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tblVehicleEF	LDA	9.2860e-003	8.9460e-003
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tblVehicleEF	LDA	2.8890e-003	3.6500e-004
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tblVehicleEF	LDA	0.63	0.00
tblVehicleEF	LDA	222.18	182.31
tblVehicleEF	LDA	46.86	0.00
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.04	0.00
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tblVehicleEF	LDA	2.1710e-003	0.00
tblVehicleEF	LDA	1.3900e-003	3.0690e-003
tblVehicleEF	LDA	1.9960e-003	0.00
tblVehicleEF	LDA	0.06	0.01
tblVehicleEF	LDA	0.08	4.8880e-003
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tblVehicleEF	LDA	7.2430e-003	7.8580e-003
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	2.2240e-003	1.7240e-003
tblVehicleEF	LDA	4.7900e-004	0.00
tblVehicleEF	LDA	0.06	0.01
tblVehicleEF	LDA	0.08	4.8880e-003
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tblVehicleEF	LDA	0.01	8.9460e-003
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.04	0.00

tblVehicleEF	LDA	2.4650e-003	3.6500e-004
tblVehicleEF	LDA	3.6560e-003	0.00
tblVehicleEF	LDA	0.39	0.16
tblVehicleEF	LDA	0.97	0.00
tblVehicleEF	LDA	200.67	182.31
tblVehicleEF	LDA	46.86	0.00
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.05	0.00
tblVehicleEF	LDA	1.5090e-003	3.2070e-003
tblVehicleEF	LDA	2.1710e-003	0.00
tblVehicleEF	LDA	1.3900e-003	3.0690e-003
tblVehicleEF	LDA	1.9960e-003	0.00
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tblVehicleEF	LDA	0.08	4.8880e-003
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tblVehicleEF	LDA	6.1930e-003	7.8580e-003
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tblVehicleEF	LDA	0.05	0.00
tblVehicleEF	LDA	2.0080e-003	1.7240e-003
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tblVehicleEF	LDT1	0.06	0.00
tblVehicleEF	LDT1	0.09	0.00
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tblVehicleEF	LDT1	2.6480e-003	0.00
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tblVehicleEF	LDT1	0.06	4.5270e-003
tblVehicleEF	LDT1	0.17	4.8880e-003
tblVehicleEF	LDT1	0.06	1.3960e-003
tblVehicleEF	LDT1	0.01	0.00
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tblVehicleEF	LDT1	2.5820e-003	0.00
tblVehicleEF	LDT1	6.3200e-004	0.00
tblVehicleEF	LDT1	0.06	4.5270e-003
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tblVehicleEF	LDT1	0.06	1.3960e-003
tblVehicleEF	LDT1	0.02	0.00
tblVehicleEF	LDT1	0.12	0.00
tblVehicleEF	LDT1	0.11	0.00
tblVehicleEF	LDT1	5.4990e-003	0.00
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tblVehicleEF	LDT1	0.06	0.00
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tblVehicleEF	LDT1	1.8320e-003	0.00
tblVehicleEF	LDT1	2.6480e-003	0.00
tblVehicleEF	LDT1	1.6850e-003	0.00
tblVehicleEF	LDT1	2.4350e-003	0.00
tblVehicleEF	LDT1	0.16	0.02
tblVehicleEF	LDT1	0.20	4.8880e-003
tblVehicleEF	LDT1	0.13	7.2660e-003
tblVehicleEF	LDT1	0.01	0.00
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tblVehicleEF	LDT1	0.08	0.00
tblVehicleEF	LDT1	2.8160e-003	0.00
tblVehicleEF	LDT1	6.2500e-004	0.00
tblVehicleEF	LDT1	0.16	0.02
tblVehicleEF	LDT1	0.20	4.8880e-003
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tblVehicleEF	LDT1	0.02	0.00
tblVehicleEF	LDT1	0.11	0.00
tblVehicleEF	LDT1	0.09	0.00
tblVehicleEF	LDT1	4.7430e-003	0.00
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tblVehicleEF	LDT1	0.02	2.0200e-004
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tblVehicleEF	LHD1	2.0710e-003	2.1520e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.02	0.00
tblVehicleEF	LHD1	1.2220e-003	1.1090e-003

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tblVehicleEF	LHD1	0.01	0.00
tblVehicleEF	LHD1	0.01	0.00
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tblVehicleEF	LHD1	0.01	0.00
tblVehicleEF	LHD1	6.8800e-004	0.00
tblVehicleEF	LHD1	5.1920e-003	5.9000e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.01	0.00
tblVehicleEF	LHD1	2.7430e-003	2.2900e-003

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tblVehicleEF	LHD1	0.29	0.48
tblVehicleEF	LHD1	0.18	0.00
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tblVehicleEF	LHD1	5.1920e-003	4.5650e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.02	0.00
tblVehicleEF	LHD1	2.7430e-003	2.2900e-003
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tblVehicleEF	LHD1	0.20	0.00
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tblVehicleEF	LHD1	0.02	0.00
tblVehicleEF	LHD1	0.14	0.00
tblVehicleEF	LHD1	0.82	0.00
tblVehicleEF	LHD1	2.13	0.00
tblVehicleEF	LHD1	9.11	0.00
tblVehicleEF	LHD1	662.02	0.00
tblVehicleEF	LHD1	28.10	0.00
tblVehicleEF	LHD1	0.08	0.00
tblVehicleEF	LHD1	1.08	0.00
tblVehicleEF	LHD1	0.88	0.00
tblVehicleEF	LHD1	9.1200e-004	0.00
tblVehicleEF	LHD1	0.01	9.9370e-003

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tblVehicleEF	LHD1	7.4900e-004	0.00
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tblVehicleEF	LHD1	2.5820e-003	2.4840e-003
tblVehicleEF	LHD1	0.01	0.00
tblVehicleEF	LHD1	6.8800e-004	0.00
tblVehicleEF	LHD1	7.7100e-004	1.1470e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.01	0.00
tblVehicleEF	LHD1	5.6000e-004	5.9600e-004
tblVehicleEF	LHD1	0.11	0.00
tblVehicleEF	LHD1	0.33	0.54
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tblVehicleEF	LHD1	7.7100e-004	1.1470e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.00
tblVehicleEF	LHD1	5.6000e-004	5.9600e-004
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tblVehicleEF	LHD2	2.7540e-003	0.00
tblVehicleEF	LHD2	5.9630e-003	0.00
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tblVehicleEF	LHD2	0.12	0.00

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tblVehicleEF	LHD2	0.92	0.00
tblVehicleEF	LHD2	13.93	0.00
tblVehicleEF	LHD2	686.19	0.00
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tblVehicleEF	LHD2	0.01	0.00
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tblVehicleEF	LHD2	2.7090e-003	2.7150e-003
tblVehicleEF	LHD2	0.01	0.00
tblVehicleEF	LHD2	3.2800e-004	0.00
tblVehicleEF	LHD2	1.3270e-003	4.6500e-003

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tblVehicleEF	LHD2	6.6660e-003	0.00
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tblVehicleEF	LHD2	0.99	0.00
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tblVehicleEF	LHD2	0.01	0.00
tblVehicleEF	LHD2	3.5600e-004	0.00
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tblVehicleEF	LHD2	2.7090e-003	2.7150e-003
tblVehicleEF	LHD2	0.01	0.00
tblVehicleEF	LHD2	3.2800e-004	0.00
tblVehicleEF	LHD2	2.1700e-004	1.1470e-003
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	0.01	0.00
tblVehicleEF	LHD2	1.6000e-004	4.6800e-004
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tblVehicleEF	LHD2	0.05	0.19
tblVehicleEF	LHD2	0.06	0.00
tblVehicleEF	LHD2	1.3600e-004	0.00
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tblVehicleEF	LHD2	2.1700e-004	1.1470e-003
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	0.02	0.00
tblVehicleEF	LHD2	1.6000e-004	4.6800e-004
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tblVehicleEF	MCY	174.51	0.00
tblVehicleEF	MCY	44.39	0.00
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tblVehicleEF	MCY	0.99	0.00
tblVehicleEF	MCY	1.63	0.00
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tblVehicleEF	MH	0.01	0.00

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tblVehicleEF	MH	0.30	0.00
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tblVehicleEF	MHD	9.0000e-005	0.00
tblVehicleEF	MHD	2.9910e-003	0.00
tblVehicleEF	MHD	7.7100e-004	0.00
tblVehicleEF	MHD	6.6700e-004	1.7310e-003

tblVehicleEF	MHD	0.03	4.8880e-003
tblVehicleEF	MHD	0.02	0.00
tblVehicleEF	MHD	4.1500e-004	5.3400e-004
tblVehicleEF	MHD	0.04	0.00
tblVehicleEF	MHD	0.02	0.00
tblVehicleEF	MHD	0.27	0.00
tblVehicleEF	MHD	1.2900e-003	0.00
tblVehicleEF	MHD	0.01	0.00
tblVehicleEF	MHD	6.7300e-004	0.00
tblVehicleEF	MHD	6.6700e-004	1.7310e-003
tblVehicleEF	MHD	0.03	4.8880e-003
tblVehicleEF	MHD	0.03	0.00
tblVehicleEF	MHD	4.1500e-004	5.3400e-004
tblVehicleEF	MHD	0.05	0.00
tblVehicleEF	MHD	0.02	0.00
tblVehicleEF	MHD	0.29	0.00
tblVehicleEF	MHD	0.01	0.00
tblVehicleEF	MHD	3.4890e-003	0.00
tblVehicleEF	MHD	0.03	0.00
tblVehicleEF	MHD	0.25	0.00
tblVehicleEF	MHD	0.29	0.00
tblVehicleEF	MHD	4.01	0.00
tblVehicleEF	MHD	142.00	0.00
tblVehicleEF	MHD	1,178.29	0.00
tblVehicleEF	MHD	59.57	0.00
tblVehicleEF	MHD	0.38	0.00
tblVehicleEF	MHD	1.02	0.00

tblVehicleEF	MHD	10.11	0.00
tblVehicleEF	MHD	7.9000e-005	0.00
tblVehicleEF	MHD	3.1350e-003	0.00
tblVehicleEF	MHD	8.3800e-004	0.00
tblVehicleEF	MHD	7.6000e-005	0.00
tblVehicleEF	MHD	2.9910e-003	0.00
tblVehicleEF	MHD	7.7100e-004	0.00
tblVehicleEF	MHD	1.7000e-003	5.8330e-003
tblVehicleEF	MHD	0.04	4.8880e-003
tblVehicleEF	MHD	0.02	0.00
tblVehicleEF	MHD	9.6600e-004	2.7790e-003
tblVehicleEF	MHD	0.04	0.00
tblVehicleEF	MHD	0.02	0.00
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tblVehicleEF	MHD	1.3660e-003	0.00
tblVehicleEF	MHD	0.01	0.00
tblVehicleEF	MHD	6.6600e-004	0.00
tblVehicleEF	MHD	1.7000e-003	5.8330e-003
tblVehicleEF	MHD	0.04	4.8880e-003
tblVehicleEF	MHD	0.03	0.00
tblVehicleEF	MHD	9.6600e-004	2.7790e-003
tblVehicleEF	MHD	0.05	0.00
tblVehicleEF	MHD	0.02	0.00
tblVehicleEF	MHD	0.27	0.00
tblVehicleEF	MHD	0.02	0.00
tblVehicleEF	MHD	3.3780e-003	0.00
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tblVehicleEF	MHD	0.48	0.00
tblVehicleEF	MHD	0.29	0.00
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tblVehicleEF	MHD	1,178.29	0.00
tblVehicleEF	MHD	59.57	0.00
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tblVehicleEF	MHD	7.7100e-004	0.00
tblVehicleEF	MHD	2.5400e-004	7.7000e-005
tblVehicleEF	MHD	0.04	4.8880e-003
tblVehicleEF	MHD	0.03	0.00
tblVehicleEF	MHD	1.8600e-004	9.0000e-006
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tblVehicleEF	MHD	0.28	0.00
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tblVehicleEF	MHD	0.04	4.8880e-003

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tblVehicleEF	MHD	0.05	0.00
tblVehicleEF	MHD	0.02	0.00
tblVehicleEF	MHD	0.31	0.00
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tblVehicleEF	OBUS	0.02	0.00
tblVehicleEF	OBUS	0.24	0.00
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tblVehicleEF	OBUS	1,267.78	0.00
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tblVehicleEF	OBUS	9.2700e-004	0.00
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tblVehicleEF	OBUS	2.3530e-003	0.00
tblVehicleEF	OBUS	8.5200e-004	0.00
tblVehicleEF	OBUS	1.1270e-003	1.6840e-003
tblVehicleEF	OBUS	0.02	4.8880e-003
tblVehicleEF	OBUS	0.03	0.00
tblVehicleEF	OBUS	5.6100e-004	5.1900e-004

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tblVehicleEF	OBUS	0.04	0.00
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tblVehicleEF	OBUS	7.4100e-004	0.00
tblVehicleEF	OBUS	0.01	0.00
tblVehicleEF	OBUS	7.6600e-004	0.00
tblVehicleEF	OBUS	1.1270e-003	1.6840e-003
tblVehicleEF	OBUS	0.02	4.8880e-003
tblVehicleEF	OBUS	0.04	0.00
tblVehicleEF	OBUS	5.6100e-004	5.1900e-004
tblVehicleEF	OBUS	0.05	0.00
tblVehicleEF	OBUS	0.04	0.00
tblVehicleEF	OBUS	0.33	0.00
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tblVehicleEF	OBUS	6.2910e-003	0.00
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tblVehicleEF	OBUS	1,267.78	0.00
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tblVehicleEF	OBUS	1.2000e-005	0.00
tblVehicleEF	OBUS	2.4890e-003	0.00

tblVehicleEF	OBUS	9.2700e-004	0.00
tblVehicleEF	OBUS	1.1000e-005	0.00
tblVehicleEF	OBUS	2.3530e-003	0.00
tblVehicleEF	OBUS	8.5200e-004	0.00
tblVehicleEF	OBUS	2.7610e-003	5.6740e-003
tblVehicleEF	OBUS	0.02	4.8880e-003
tblVehicleEF	OBUS	0.03	0.00
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tblVehicleEF	OBUS	0.04	0.00
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tblVehicleEF	OBUS	2.7610e-003	5.6740e-003
tblVehicleEF	OBUS	0.02	4.8880e-003
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tblVehicleEF	OBUS	2.3530e-003	0.00
tblVehicleEF	OBUS	8.5200e-004	0.00
tblVehicleEF	OBUS	4.9800e-004	7.5000e-005
tblVehicleEF	OBUS	0.02	4.8880e-003
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tblVehicleEF	OBUS	2.6800e-004	9.0000e-006
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tblVehicleEF	OBUS	0.04	0.00
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tblVehicleEF	OBUS	6.9500e-004	0.00
tblVehicleEF	OBUS	0.01	0.00
tblVehicleEF	OBUS	7.7300e-004	0.00
tblVehicleEF	OBUS	4.9800e-004	7.5000e-005
tblVehicleEF	OBUS	0.02	4.8880e-003
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tblVehicleEF	OBUS	2.6800e-004	9.0000e-006
tblVehicleEF	OBUS	0.05	0.00

tblVehicleEF	OBUS	0.04	0.00
tblVehicleEF	OBUS	0.35	0.00
tblVehicleEF	SBUS	0.85	0.00
tblVehicleEF	SBUS	5.2870e-003	0.00
tblVehicleEF	SBUS	0.05	0.00
tblVehicleEF	SBUS	2.21	0.00
tblVehicleEF	SBUS	0.37	0.00
tblVehicleEF	SBUS	1.43	0.00
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tblVehicleEF	SBUS	1,224.46	0.00
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tblVehicleEF	SBUS	10.39	0.00
tblVehicleEF	SBUS	3.55	0.00
tblVehicleEF	SBUS	18.89	0.00
tblVehicleEF	SBUS	7.3790e-003	0.00
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tblVehicleEF	SBUS	0.02	0.00
tblVehicleEF	SBUS	2.1800e-004	0.00
tblVehicleEF	SBUS	7.0590e-003	0.00
tblVehicleEF	SBUS	2.9210e-003	3.0000e-003
tblVehicleEF	SBUS	0.02	0.00
tblVehicleEF	SBUS	2.0100e-004	0.00
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tblVehicleEF	SBUS	5.1850e-003	4.8880e-003
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tblVehicleEF	SBUS	2.7100e-004	4.3600e-004
tblVehicleEF	SBUS	0.10	0.00

tblVehicleEF	SBUS	2.3090e-003	0.00
tblVehicleEF	SBUS	0.07	0.00
tblVehicleEF	SBUS	0.01	0.00
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tblVehicleEF	SBUS	1.4600e-004	0.00
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tblVehicleEF	SBUS	5.1850e-003	4.8880e-003
tblVehicleEF	SBUS	0.36	0.00
tblVehicleEF	SBUS	2.7100e-004	4.3600e-004
tblVehicleEF	SBUS	0.11	0.00
tblVehicleEF	SBUS	2.3090e-003	0.00
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tblVehicleEF	SBUS	0.02	0.00

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tblVehicleEF	SBUS	5.9510e-003	0.00
tblVehicleEF	SBUS	2.9210e-003	3.0000e-003
tblVehicleEF	SBUS	0.02	0.00
tblVehicleEF	SBUS	2.0100e-004	0.00
tblVehicleEF	SBUS	1.3200e-003	4.7710e-003
tblVehicleEF	SBUS	5.4310e-003	4.8880e-003
tblVehicleEF	SBUS	0.26	0.00
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tblVehicleEF	SBUS	0.10	0.00
tblVehicleEF	SBUS	1.9780e-003	0.00
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tblVehicleEF	SBUS	0.01	0.00
tblVehicleEF	SBUS	1.3800e-004	0.00
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tblVehicleEF	SBUS	5.4310e-003	4.8880e-003
tblVehicleEF	SBUS	0.36	0.00
tblVehicleEF	SBUS	6.2100e-004	2.2730e-003
tblVehicleEF	SBUS	0.11	0.00
tblVehicleEF	SBUS	1.9780e-003	0.00
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tblVehicleEF	SBUS	0.85	0.00
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tblVehicleEF	SBUS	0.02	0.00
tblVehicleEF	SBUS	2.1800e-004	0.00
tblVehicleEF	SBUS	8.5900e-003	0.00
tblVehicleEF	SBUS	2.9210e-003	3.0000e-003
tblVehicleEF	SBUS	0.02	0.00
tblVehicleEF	SBUS	2.0100e-004	0.00
tblVehicleEF	SBUS	2.4100e-004	6.3000e-005
tblVehicleEF	SBUS	5.2470e-003	4.8880e-003
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tblVehicleEF	SBUS	1.3000e-004	7.0000e-006
tblVehicleEF	SBUS	0.10	0.00
tblVehicleEF	SBUS	2.9620e-003	0.00
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tblVehicleEF	SBUS	2.4100e-004	6.3000e-005
tblVehicleEF	SBUS	5.2470e-003	4.8880e-003

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tblVehicleEF	UBUS	1,908.66	0.00
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tblVehicleEF	UBUS	3.88	0.00
tblVehicleEF	UBUS	11.94	0.00
tblVehicleEF	UBUS	0.48	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.07	0.00
tblVehicleEF	UBUS	1.4100e-003	0.00
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.7010e-003
tblVehicleEF	UBUS	0.07	0.00
tblVehicleEF	UBUS	1.2960e-003	0.00
tblVehicleEF	UBUS	4.8000e-003	0.02
tblVehicleEF	UBUS	0.08	4.8880e-003
tblVehicleEF	UBUS	2.7860e-003	1.2590e-003
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tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	0.96	0.00

tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	1.7330e-003	0.00
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tblVehicleEF	UBUS	0.08	4.8880e-003
tblVehicleEF	UBUS	2.7860e-003	1.2590e-003
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tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	1.05	0.00
tblVehicleEF	UBUS	0.23	0.00
tblVehicleEF	UBUS	0.06	0.00
tblVehicleEF	UBUS	3.30	0.00
tblVehicleEF	UBUS	8.53	0.00
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tblVehicleEF	UBUS	3.0000e-003	7.7010e-003
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tblVehicleEF	UBUS	1.2960e-003	0.00
tblVehicleEF	UBUS	0.01	0.06
tblVehicleEF	UBUS	0.10	4.8880e-003
tblVehicleEF	UBUS	6.3000e-003	6.5560e-003

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tblVehicleEF	UBUS	0.02	0.00
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tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	1.6930e-003	0.00
tblVehicleEF	UBUS	0.01	0.06
tblVehicleEF	UBUS	0.10	4.8880e-003
tblVehicleEF	UBUS	6.3000e-003	6.5560e-003
tblVehicleEF	UBUS	0.49	0.00
tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	0.91	0.00
tblVehicleEF	UBUS	0.22	0.00
tblVehicleEF	UBUS	0.08	0.00
tblVehicleEF	UBUS	3.23	0.00
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tblVehicleEF	UBUS	12.05	0.00
tblVehicleEF	UBUS	0.48	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.07	0.00
tblVehicleEF	UBUS	1.4100e-003	0.00
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.7010e-003
tblVehicleEF	UBUS	0.07	0.00
tblVehicleEF	UBUS	1.2960e-003	0.00

tblVehicleEF	UBUS	1.9220e-003	7.2800e-004
tblVehicleEF	UBUS	0.09	4.8880e-003
tblVehicleEF	UBUS	1.3270e-003	2.1000e-005
tblVehicleEF	UBUS	0.24	0.00
tblVehicleEF	UBUS	0.03	0.00
tblVehicleEF	UBUS	1.06	0.00
tblVehicleEF	UBUS	0.02	0.00
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tblVehicleEF	UBUS	1.9220e-003	7.2800e-004
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tblVehicleEF	UBUS	0.48	0.00
tblVehicleEF	UBUS	0.03	0.00
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tblVehicleTrips	CC_TTP	28.00	0.00
tblVehicleTrips	CNW_TTP	13.00	0.00
tblVehicleTrips	CW_TL	9.50	20.53
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PR_TP	79.00	100.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	2.49	2.97
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	0.73	2.97
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	6.83	2.97

tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	IndoorWaterUseRate	3,293,406.35	0.00
tblWater	IndoorWaterUseRate	38,262,625.00	0.00
tblWater	OutdoorWaterUseRate	2,018,539.38	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0918	0.0000	0.0000	0.0000	1.5320	0.0000	1.5320	0.4355	0.0000	0.4355	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0918	0.0000	0.0000	0.0000	1.5320	0.0000	1.5320	0.4355	0.0000	0.4355	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Industrial Park	492.01	492.01	492.01	3,676,765	3,676,765
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	492.01	492.01	492.01	3,676,765	3,676,765

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Industrial Park	20.53	7.30	7.30	100.00	0.00	0.00	100	0	0
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.602053	0.035638	0.184509	0.111379	0.013262	0.004884	0.010800	0.025642	0.001653	0.001600	0.005187	0.002687	0.000705
Industrial Park	0.000000	0.000000	0.000000	0.000000	0.730850	0.269150	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Other Asphalt Surfaces	0.602053	0.035638	0.184509	0.111379	0.013262	0.004884	0.010800	0.025642	0.001653	0.001600	0.005187	0.002687	0.000705
Other Non-Asphalt Surfaces	0.602053	0.035638	0.184509	0.111379	0.013262	0.004884	0.010800	0.025642	0.001653	0.001600	0.005187	0.002687	0.000705
Parking Lot	0.602053	0.035638	0.184509	0.111379	0.013262	0.004884	0.010800	0.025642	0.001653	0.001600	0.005187	0.002687	0.000705

Scenario 4: HHDT_2027

Contra Costa County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	18.53	1000sqft	0.43	18,529.00	0
Industrial Park	165.46	1000sqft	3.80	165,456.00	0
Other Asphalt Surfaces	14.73	Acre	14.73	641,537.00	0
Other Non-Asphalt Surfaces	3.19	Acre	3.19	0.00	0
Parking Lot	9.74	Acre	9.74	424,302.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	5			**Operational Year**	2027
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	206.29	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See assumptions file.

Land Use - See assumptions file.

Construction Phase -

Vehicle Trips - See assumptions file.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Vehicle Emission Factors - Updated and derived from EMFAC2017 emission rates and CalEEMod methodology.

Area Coating - For mobile source emissions only.

Energy Use - For mobile source emissions only.

Water And Wastewater - For mobile source emissions only.

Solid Waste - For mobile source emissions only.

Energy Mitigation -

Water Mitigation -

Fleet Mix - See assumptions file.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	91993	0
tblAreaCoating	Area_Nonresidential_Interior	275978	0
tblAreaCoating	Area_Parking	63950	0
tblEnergyUse	LightingElect	3.58	0.00
tblEnergyUse	LightingElect	3.58	0.00
tblEnergyUse	NT24E	4.80	0.00
tblEnergyUse	NT24E	4.80	0.00
tblEnergyUse	NT24NG	1.01	0.00
tblEnergyUse	NT24NG	1.01	0.00
tblEnergyUse	T24E	4.10	0.00
tblEnergyUse	T24E	4.10	0.00
tblEnergyUse	T24NG	18.32	0.00
tblEnergyUse	T24NG	18.32	0.00

tblFleetMix	HHD	0.03	1.00
tblFleetMix	LDA	0.60	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	4.8840e-003	0.00
tblFleetMix	MCY	5.1870e-003	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MH	7.0500e-004	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	1.6530e-003	0.00
tblFleetMix	SBUS	2.6870e-003	0.00
tblFleetMix	UBUS	1.6000e-003	0.00
tblLandUse	LandUseSquareFeet	18,530.00	18,529.00
tblLandUse	LandUseSquareFeet	165,460.00	165,456.00
tblLandUse	LandUseSquareFeet	641,638.80	641,537.00
tblLandUse	LandUseSquareFeet	138,956.40	0.00
tblLandUse	LandUseSquareFeet	424,274.40	424,302.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	206.29
tblSolidWaste	SolidWasteGenerationRate	17.23	0.00
tblSolidWaste	SolidWasteGenerationRate	205.17	0.00
tblVehicleEF	HHD	0.37	0.02
tblVehicleEF	HHD	0.04	1.0960e-003
tblVehicleEF	HHD	0.06	0.00
tblVehicleEF	HHD	1.50	6.25
tblVehicleEF	HHD	0.85	0.24
tblVehicleEF	HHD	2.91	0.00

tblVehicleEF	HHD	4,177.76	980.78
tblVehicleEF	HHD	1,513.19	1,299.85
tblVehicleEF	HHD	8.98	0.00
tblVehicleEF	HHD	12.96	5.23
tblVehicleEF	HHD	1.72	2.62
tblVehicleEF	HHD	19.68	2.40
tblVehicleEF	HHD	5.3000e-003	2.2970e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.9160e-003	0.02
tblVehicleEF	HHD	9.6000e-005	0.00
tblVehicleEF	HHD	5.0710e-003	2.1980e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8170e-003	8.8750e-003
tblVehicleEF	HHD	5.6600e-003	0.02
tblVehicleEF	HHD	8.9000e-005	0.00
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	3.6060e-003	0.00
tblVehicleEF	HHD	0.39	0.43
tblVehicleEF	HHD	4.8000e-005	0.00
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	3.1300e-004	0.00
tblVehicleEF	HHD	0.06	0.00
tblVehicleEF	HHD	0.04	9.2660e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.3700e-004	0.00
tblVehicleEF	HHD	7.1000e-005	0.00

tblVehicleEF	HHD	3.6060e-003	0.00
tblVehicleEF	HHD	0.45	0.49
tblVehicleEF	HHD	4.8000e-005	0.00
tblVehicleEF	HHD	0.14	0.03
tblVehicleEF	HHD	3.1300e-004	0.00
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	0.35	0.02
tblVehicleEF	HHD	0.04	1.0960e-003
tblVehicleEF	HHD	0.06	0.00
tblVehicleEF	HHD	1.09	6.17
tblVehicleEF	HHD	0.86	0.24
tblVehicleEF	HHD	2.65	0.00
tblVehicleEF	HHD	4,425.96	969.20
tblVehicleEF	HHD	1,513.19	1,299.85
tblVehicleEF	HHD	8.98	0.00
tblVehicleEF	HHD	13.38	4.99
tblVehicleEF	HHD	1.66	2.52
tblVehicleEF	HHD	19.66	2.40
tblVehicleEF	HHD	4.4680e-003	2.0190e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.9160e-003	0.02
tblVehicleEF	HHD	9.6000e-005	0.00
tblVehicleEF	HHD	4.2750e-003	1.9320e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8170e-003	8.8750e-003
tblVehicleEF	HHD	5.6600e-003	0.02

tblVehicleEF	HHD	8.9000e-005	0.00
tblVehicleEF	HHD	1.8000e-004	0.00
tblVehicleEF	HHD	3.9880e-003	0.00
tblVehicleEF	HHD	0.37	0.45
tblVehicleEF	HHD	1.1200e-004	0.00
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	3.0500e-004	0.00
tblVehicleEF	HHD	0.06	0.00
tblVehicleEF	HHD	0.04	9.1570e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.3300e-004	0.00
tblVehicleEF	HHD	1.8000e-004	0.00
tblVehicleEF	HHD	3.9880e-003	0.00
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tblVehicleEF	HHD	1.1200e-004	0.00
tblVehicleEF	HHD	0.14	0.03
tblVehicleEF	HHD	3.0500e-004	0.00
tblVehicleEF	HHD	0.06	0.00
tblVehicleEF	HHD	0.40	0.02
tblVehicleEF	HHD	0.04	1.0960e-003
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	2.06	6.37
tblVehicleEF	HHD	0.85	0.24
tblVehicleEF	HHD	3.16	0.00
tblVehicleEF	HHD	3,835.00	996.75
tblVehicleEF	HHD	1,513.19	1,299.85
tblVehicleEF	HHD	8.98	0.00

tblVehicleEF	HHD	12.38	5.56
tblVehicleEF	HHD	1.75	2.66
tblVehicleEF	HHD	19.69	2.40
tblVehicleEF	HHD	6.4490e-003	2.6820e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.9160e-003	0.02
tblVehicleEF	HHD	9.6000e-005	0.00
tblVehicleEF	HHD	6.1700e-003	2.5660e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8170e-003	8.8750e-003
tblVehicleEF	HHD	5.6600e-003	0.02
tblVehicleEF	HHD	8.9000e-005	0.00
tblVehicleEF	HHD	2.9000e-005	0.00
tblVehicleEF	HHD	3.7180e-003	0.00
tblVehicleEF	HHD	0.42	0.39
tblVehicleEF	HHD	2.1000e-005	0.00
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	3.5000e-004	0.00
tblVehicleEF	HHD	0.06	0.00
tblVehicleEF	HHD	0.04	9.4170e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.4100e-004	0.00
tblVehicleEF	HHD	2.9000e-005	0.00
tblVehicleEF	HHD	3.7180e-003	0.00
tblVehicleEF	HHD	0.49	0.45
tblVehicleEF	HHD	2.1000e-005	0.00

tblVehicleEF	HHD	0.14	0.03
tblVehicleEF	HHD	3.5000e-004	0.00
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	LDA	2.5430e-003	3.6500e-004
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tblVehicleEF	LDA	0.40	0.16
tblVehicleEF	LDA	0.82	0.00
tblVehicleEF	LDA	203.26	182.31
tblVehicleEF	LDA	46.86	0.00
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	1.5090e-003	3.2070e-003
tblVehicleEF	LDA	2.1710e-003	0.00
tblVehicleEF	LDA	1.3900e-003	3.0690e-003
tblVehicleEF	LDA	1.9960e-003	0.00
tblVehicleEF	LDA	0.02	0.00
tblVehicleEF	LDA	0.07	0.00
tblVehicleEF	LDA	0.02	0.00
tblVehicleEF	LDA	6.3870e-003	7.8580e-003
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	2.0340e-003	1.7240e-003
tblVehicleEF	LDA	4.8200e-004	0.00
tblVehicleEF	LDA	0.02	0.00
tblVehicleEF	LDA	0.07	0.00
tblVehicleEF	LDA	0.02	0.00
tblVehicleEF	LDA	9.2860e-003	8.9460e-003

tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.05	0.00
tblVehicleEF	LDA	2.8890e-003	3.6500e-004
tblVehicleEF	LDA	2.5850e-003	0.00
tblVehicleEF	LDA	0.48	0.16
tblVehicleEF	LDA	0.63	0.00
tblVehicleEF	LDA	222.18	182.31
tblVehicleEF	LDA	46.86	0.00
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	1.5090e-003	3.2070e-003
tblVehicleEF	LDA	2.1710e-003	0.00
tblVehicleEF	LDA	1.3900e-003	3.0690e-003
tblVehicleEF	LDA	1.9960e-003	0.00
tblVehicleEF	LDA	0.06	0.00
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	0.05	0.00
tblVehicleEF	LDA	7.2430e-003	7.8580e-003
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	2.2240e-003	1.7240e-003
tblVehicleEF	LDA	4.7900e-004	0.00
tblVehicleEF	LDA	0.06	0.00
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	0.05	0.00
tblVehicleEF	LDA	0.01	8.9460e-003
tblVehicleEF	LDA	0.03	0.00

tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	2.4650e-003	3.6500e-004
tblVehicleEF	LDA	3.6560e-003	0.00
tblVehicleEF	LDA	0.39	0.16
tblVehicleEF	LDA	0.97	0.00
tblVehicleEF	LDA	200.67	182.31
tblVehicleEF	LDA	46.86	0.00
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.05	0.00
tblVehicleEF	LDA	1.5090e-003	3.2070e-003
tblVehicleEF	LDA	2.1710e-003	0.00
tblVehicleEF	LDA	1.3900e-003	3.0690e-003
tblVehicleEF	LDA	1.9960e-003	0.00
tblVehicleEF	LDA	7.8270e-003	0.00
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	9.6410e-003	0.00
tblVehicleEF	LDA	6.1930e-003	7.8580e-003
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	0.05	0.00
tblVehicleEF	LDA	2.0080e-003	1.7240e-003
tblVehicleEF	LDA	4.8500e-004	0.00
tblVehicleEF	LDA	7.8270e-003	0.00
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	9.6410e-003	0.00
tblVehicleEF	LDA	9.0030e-003	8.9460e-003
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	0.05	0.00

tblVehicleEF	LDT1	4.8780e-003	4.2490e-003
tblVehicleEF	LDT1	7.6060e-003	0.00
tblVehicleEF	LDT1	0.67	0.73
tblVehicleEF	LDT1	1.68	0.00
tblVehicleEF	LDT1	60.34	0.00
tblVehicleEF	LDT1	0.06	0.56
tblVehicleEF	LDT1	0.09	0.00
tblVehicleEF	LDT1	1.8320e-003	0.06
tblVehicleEF	LDT1	2.6480e-003	0.00
tblVehicleEF	LDT1	1.6850e-003	0.06
tblVehicleEF	LDT1	2.4350e-003	0.00
tblVehicleEF	LDT1	0.06	0.00
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tblVehicleEF	LDT1	0.01	0.09
tblVehicleEF	LDT1	0.12	0.00
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	2.5820e-003	3.5360e-003
tblVehicleEF	LDT1	6.3200e-004	0.00
tblVehicleEF	LDT1	0.06	0.00
tblVehicleEF	LDT1	0.17	0.00
tblVehicleEF	LDT1	0.06	0.00
tblVehicleEF	LDT1	0.02	0.10
tblVehicleEF	LDT1	0.12	0.00
tblVehicleEF	LDT1	0.11	0.00
tblVehicleEF	LDT1	5.4990e-003	4.2490e-003
tblVehicleEF	LDT1	6.1080e-003	0.00

tblVehicleEF	LDT1	0.80	0.73
tblVehicleEF	LDT1	1.28	0.00
tblVehicleEF	LDT1	280.85	373.99
tblVehicleEF	LDT1	60.34	0.00
tblVehicleEF	LDT1	0.06	0.53
tblVehicleEF	LDT1	0.08	0.00
tblVehicleEF	LDT1	1.8320e-003	0.06
tblVehicleEF	LDT1	2.6480e-003	0.00
tblVehicleEF	LDT1	1.6850e-003	0.06
tblVehicleEF	LDT1	2.4350e-003	0.00
tblVehicleEF	LDT1	0.16	0.00
tblVehicleEF	LDT1	0.20	0.00
tblVehicleEF	LDT1	0.13	0.00
tblVehicleEF	LDT1	0.01	0.09
tblVehicleEF	LDT1	0.11	0.00
tblVehicleEF	LDT1	0.08	0.00
tblVehicleEF	LDT1	2.8160e-003	3.5360e-003
tblVehicleEF	LDT1	6.2500e-004	0.00
tblVehicleEF	LDT1	0.16	0.00
tblVehicleEF	LDT1	0.20	0.00
tblVehicleEF	LDT1	0.13	0.00
tblVehicleEF	LDT1	0.02	0.10
tblVehicleEF	LDT1	0.11	0.00
tblVehicleEF	LDT1	0.09	0.00
tblVehicleEF	LDT1	4.7430e-003	4.2490e-003
tblVehicleEF	LDT1	8.7180e-003	0.00
tblVehicleEF	LDT1	0.66	0.73

tblVehicleEF	LDT1	2.00	0.00
tblVehicleEF	LDT1	254.35	373.99
tblVehicleEF	LDT1	60.34	0.00
tblVehicleEF	LDT1	0.07	0.56
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	1.8320e-003	0.06
tblVehicleEF	LDT1	2.6480e-003	0.00
tblVehicleEF	LDT1	1.6850e-003	0.06
tblVehicleEF	LDT1	2.4350e-003	0.00
tblVehicleEF	LDT1	0.02	0.00
tblVehicleEF	LDT1	0.18	0.00
tblVehicleEF	LDT1	0.03	0.00
tblVehicleEF	LDT1	0.01	0.09
tblVehicleEF	LDT1	0.14	0.00
tblVehicleEF	LDT1	0.12	0.00
tblVehicleEF	LDT1	2.5500e-003	3.5360e-003
tblVehicleEF	LDT1	6.3800e-004	0.00
tblVehicleEF	LDT1	0.02	0.00
tblVehicleEF	LDT1	0.18	0.00
tblVehicleEF	LDT1	0.03	0.00
tblVehicleEF	LDT1	0.02	0.10
tblVehicleEF	LDT1	0.14	0.00
tblVehicleEF	LDT1	0.13	0.00
tblVehicleEF	LDT2	3.5020e-003	5.9300e-004
tblVehicleEF	LDT2	4.2650e-003	0.00
tblVehicleEF	LDT2	0.53	0.13
tblVehicleEF	LDT2	1.07	0.00

tblVehicleEF	LDT2	289.89	249.14
tblVehicleEF	LDT2	67.07	0.00
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	1.5930e-003	4.1520e-003
tblVehicleEF	LDT2	2.3030e-003	0.00
tblVehicleEF	LDT2	1.4650e-003	3.9720e-003
tblVehicleEF	LDT2	2.1180e-003	0.00
tblVehicleEF	LDT2	0.03	0.00
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	0.03	0.00
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tblVehicleEF	LDT2	0.05	0.00
tblVehicleEF	LDT2	0.06	0.00
tblVehicleEF	LDT2	2.9020e-003	2.3550e-003
tblVehicleEF	LDT2	6.8800e-004	0.00
tblVehicleEF	LDT2	0.03	0.00
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	0.03	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.00
tblVehicleEF	LDT2	0.06	0.00
tblVehicleEF	LDT2	3.9730e-003	5.9300e-004
tblVehicleEF	LDT2	3.4560e-003	0.00
tblVehicleEF	LDT2	0.64	0.13
tblVehicleEF	LDT2	0.83	0.00
tblVehicleEF	LDT2	316.36	249.14

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tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.06	0.00
tblVehicleEF	LDT2	1.5930e-003	4.1520e-003
tblVehicleEF	LDT2	2.3030e-003	0.00
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tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	0.09	0.00
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tblVehicleEF	LDT2	1.27	0.00
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tblVehicleEF	LDT2	0.05	0.03
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tblVehicleEF	LDT2	2.3030e-003	0.00
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tblVehicleEF	LHD1	0.01	0.00
tblVehicleEF	LHD1	0.14	0.07
tblVehicleEF	LHD1	0.83	0.68
tblVehicleEF	LHD1	1.98	0.00
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tblVehicleEF	LHD1	2.5820e-003	3.0000e-003
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tblVehicleEF	LHD1	28.10	0.00
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tblVehicleEF	LHD1	9.1200e-004	2.1840e-003
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tblVehicleEF	LHD1	0.01	0.02
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tblVehicleEF	LHD1	5.1920e-003	0.00
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tblVehicleEF	LHD1	0.01	0.01

tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	7.4900e-004	0.00
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tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	6.8800e-004	0.00
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tblVehicleEF	LHD1	0.10	0.00
tblVehicleEF	LHD1	0.01	8.7260e-003
tblVehicleEF	LHD1	5.6000e-004	0.00
tblVehicleEF	LHD1	0.11	0.15
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tblVehicleEF	LHD1	9.1000e-005	9.6000e-005
tblVehicleEF	LHD1	6.4760e-003	4.8700e-003
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tblVehicleEF	LHD1	0.02	9.9340e-003
tblVehicleEF	LHD1	5.6000e-004	0.00
tblVehicleEF	LHD1	0.14	0.17
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tblVehicleEF	LHD2	4.1770e-003	0.00
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tblVehicleEF	LHD2	0.01	0.02
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tblVehicleEF	LHD2	3.2800e-004	0.00
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tblVehicleEF	LHD2	0.01	8.7260e-003
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tblVehicleEF	LHD2	1.6000e-004	0.00
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tblVehicleEF	MCY	2.55	0.00

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tblVehicleEF	MDV	1.5080e-003	2.9790e-003
tblVehicleEF	MDV	2.1350e-003	0.00
tblVehicleEF	MDV	0.06	0.00
tblVehicleEF	MDV	0.16	0.00
tblVehicleEF	MDV	0.06	0.00
tblVehicleEF	MDV	0.02	7.9320e-003
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.15	0.00
tblVehicleEF	MDV	3.9980e-003	3.0890e-003

tblVehicleEF	MDV	9.5800e-004	0.00
tblVehicleEF	MDV	0.06	0.00
tblVehicleEF	MDV	0.16	0.00
tblVehicleEF	MDV	0.06	0.00
tblVehicleEF	MDV	0.02	9.0300e-003
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.16	0.00
tblVehicleEF	MDV	7.4040e-003	3.6800e-004
tblVehicleEF	MDV	8.9730e-003	0.00
tblVehicleEF	MDV	0.95	0.17
tblVehicleEF	MDV	1.63	0.00
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tblVehicleEF	MDV	0.08	0.03
tblVehicleEF	MDV	0.15	0.00
tblVehicleEF	MDV	1.6370e-003	3.1130e-003
tblVehicleEF	MDV	2.3220e-003	0.00
tblVehicleEF	MDV	1.5080e-003	2.9790e-003
tblVehicleEF	MDV	2.1350e-003	0.00
tblVehicleEF	MDV	0.15	0.00
tblVehicleEF	MDV	0.18	0.00
tblVehicleEF	MDV	0.14	0.00
tblVehicleEF	MDV	0.02	7.9320e-003
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tblVehicleEF	MDV	0.19	0.00
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tblVehicleEF	MDV	2.3220e-003	0.00
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tblVehicleEF	MDV	0.02	0.00
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tblVehicleEF	MDV	0.03	0.00
tblVehicleEF	MDV	0.02	7.9320e-003
tblVehicleEF	MDV	0.11	0.00
tblVehicleEF	MDV	0.17	0.00
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tblVehicleEF	MH	0.02	0.09
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tblVehicleEF	MH	3.2270e-003	4.0000e-003
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tblVehicleEF	MH	0.29	0.00
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tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.27	0.00
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tblVehicleEF	MH	0.11	0.00
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tblVehicleEF	MHD	0.02	0.00
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tblVehicleEF	MHD	0.01	9.1250e-003
tblVehicleEF	MHD	6.7300e-004	0.00
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tblVehicleEF	SBUS	0.02	0.02

tblVehicleEF	SBUS	2.1800e-004	0.00
tblVehicleEF	SBUS	5.9510e-003	9.4700e-004
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tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	2.0100e-004	0.00
tblVehicleEF	SBUS	1.3200e-003	0.00
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tblVehicleEF	SBUS	6.2100e-004	0.00
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tblVehicleEF	SBUS	1.9780e-003	0.00
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tblVehicleEF	SBUS	0.36	0.03
tblVehicleEF	SBUS	6.2100e-004	0.00
tblVehicleEF	SBUS	0.11	0.04
tblVehicleEF	SBUS	1.9780e-003	0.00
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tblVehicleEF	SBUS	0.02	0.02
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tblVehicleEF	SBUS	2.0100e-004	0.00
tblVehicleEF	SBUS	2.4100e-004	0.00
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tblVehicleEF	SBUS	1.3000e-004	0.00
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tblVehicleEF	SBUS	2.9620e-003	0.00
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tblVehicleEF	SBUS	2.4100e-004	0.00
tblVehicleEF	SBUS	5.2470e-003	0.00

tblVehicleEF	SBUS	0.37	0.03
tblVehicleEF	SBUS	1.3000e-004	0.00
tblVehicleEF	SBUS	0.11	0.04
tblVehicleEF	SBUS	2.9620e-003	0.00
tblVehicleEF	SBUS	0.09	0.00
tblVehicleEF	UBUS	0.23	0.07
tblVehicleEF	UBUS	0.07	0.00
tblVehicleEF	UBUS	3.26	0.12
tblVehicleEF	UBUS	10.85	0.00
tblVehicleEF	UBUS	1,908.66	1,535.68
tblVehicleEF	UBUS	153.40	0.00
tblVehicleEF	UBUS	3.88	0.76
tblVehicleEF	UBUS	11.94	0.00
tblVehicleEF	UBUS	0.48	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.07	5.6450e-003
tblVehicleEF	UBUS	1.4100e-003	0.00
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.7010e-003
tblVehicleEF	UBUS	0.07	5.4010e-003
tblVehicleEF	UBUS	1.2960e-003	0.00
tblVehicleEF	UBUS	4.8000e-003	0.00
tblVehicleEF	UBUS	0.08	0.00
tblVehicleEF	UBUS	2.7860e-003	0.00
tblVehicleEF	UBUS	0.24	1.0320e-003
tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	0.96	0.00

tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	1.7330e-003	0.00
tblVehicleEF	UBUS	4.8000e-003	0.00
tblVehicleEF	UBUS	0.08	0.00
tblVehicleEF	UBUS	2.7860e-003	0.00
tblVehicleEF	UBUS	0.49	0.07
tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	1.05	0.00
tblVehicleEF	UBUS	0.23	0.07
tblVehicleEF	UBUS	0.06	0.00
tblVehicleEF	UBUS	3.30	0.12
tblVehicleEF	UBUS	8.53	0.00
tblVehicleEF	UBUS	1,908.66	1,535.68
tblVehicleEF	UBUS	153.40	0.00
tblVehicleEF	UBUS	3.70	0.76
tblVehicleEF	UBUS	11.81	0.00
tblVehicleEF	UBUS	0.48	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.07	5.6450e-003
tblVehicleEF	UBUS	1.4100e-003	0.00
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.7010e-003
tblVehicleEF	UBUS	0.07	5.4010e-003
tblVehicleEF	UBUS	1.2960e-003	0.00
tblVehicleEF	UBUS	0.01	0.00
tblVehicleEF	UBUS	0.10	0.00
tblVehicleEF	UBUS	6.3000e-003	0.00

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tblVehicleEF	UBUS	0.01	0.00
tblVehicleEF	UBUS	0.10	0.00
tblVehicleEF	UBUS	6.3000e-003	0.00
tblVehicleEF	UBUS	0.49	0.07
tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	0.91	0.00
tblVehicleEF	UBUS	0.22	0.07
tblVehicleEF	UBUS	0.08	0.00
tblVehicleEF	UBUS	3.23	0.12
tblVehicleEF	UBUS	12.94	0.00
tblVehicleEF	UBUS	1,908.66	1,535.68
tblVehicleEF	UBUS	153.40	0.00
tblVehicleEF	UBUS	3.96	0.76
tblVehicleEF	UBUS	12.05	0.00
tblVehicleEF	UBUS	0.48	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.07	5.6450e-003
tblVehicleEF	UBUS	1.4100e-003	0.00
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.7010e-003
tblVehicleEF	UBUS	0.07	5.4010e-003
tblVehicleEF	UBUS	1.2960e-003	0.00

tblVehicleEF	UBUS	1.9220e-003	0.00
tblVehicleEF	UBUS	0.09	0.00
tblVehicleEF	UBUS	1.3270e-003	0.00
tblVehicleEF	UBUS	0.24	1.0320e-003
tblVehicleEF	UBUS	0.03	0.00
tblVehicleEF	UBUS	1.06	0.00
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	1.7700e-003	0.00
tblVehicleEF	UBUS	1.9220e-003	0.00
tblVehicleEF	UBUS	0.09	0.00
tblVehicleEF	UBUS	1.3270e-003	0.00
tblVehicleEF	UBUS	0.48	0.07
tblVehicleEF	UBUS	0.03	0.00
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tblVehicleTrips	CC_TTP	28.00	0.00
tblVehicleTrips	CNW_TTP	13.00	0.00
tblVehicleTrips	CW_TL	9.50	28.61
tblVehicleTrips	CW_TTP	59.00	100.00
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tblVehicleTrips	SU_TR	1.05	0.00
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tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	6.83	0.30

tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	IndoorWaterUseRate	3,293,406.35	0.00
tblWater	IndoorWaterUseRate	38,262,625.00	0.00
tblWater	OutdoorWaterUseRate	2,018,539.38	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0221	1.6548	0.2634	7.2300e-003	0.2206	0.0142	0.2348	0.0606	0.0136	0.0742	0.0000	693.8871	693.8871	9.3000e-004	0.0000	693.9104
Unmitigated	0.0221	1.6548	0.2634	7.2300e-003	0.2206	0.0142	0.2348	0.0606	0.0136	0.0742	0.0000	693.8871	693.8871	9.3000e-004	0.0000	693.9104

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Industrial Park	50.00	50.00	50.00	520,723	520,723
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	50.00	50.00	50.00	520,723	520,723

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Industrial Park	28.61	7.30	7.30	100.00	0.00	0.00	100	0	0
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.602053	0.035638	0.184509	0.111379	0.013262	0.004884	0.010800	0.025642	0.001653	0.001600	0.005187	0.002687	0.000705
Industrial Park	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Other Asphalt Surfaces	0.602053	0.035638	0.184509	0.111379	0.013262	0.004884	0.010800	0.025642	0.001653	0.001600	0.005187	0.002687	0.000705
Other Non-Asphalt Surfaces	0.602053	0.035638	0.184509	0.111379	0.013262	0.004884	0.010800	0.025642	0.001653	0.001600	0.005187	0.002687	0.000705
Parking Lot	0.602053	0.035638	0.184509	0.111379	0.013262	0.004884	0.010800	0.025642	0.001653	0.001600	0.005187	0.002687	0.000705

J.2 - Single Warehouse Alternative – Health Risk Assessment

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PLACEWORKS

TECHNICAL MEMORANDUM

DATE	June 21, 2021
TO	CenterPoint Properties
ADDRESS	CenterPoint Properties 725 S. Figueroa Street, Suite 3005 Los Angeles, California 90017
CONTACT	William Lu, Senior Vice President Ryan Kelleher, Manager of Development Transactions
FROM	Steve Bush, PE, Senior Engineer
SUBJECT	Single Warehouse Alternative, 506 Brookside Drive, North Richmond, CA Health Risk Assessment Technical Memorandum
PROJECT NUMBER	CPP-06

1. Introduction

This health risk assessment (HRA) memorandum describes the potential operational health risks associated with a Single Warehouse Alternative (project alternative) for the 506 Brookside Drive project site in North Richmond, an unincorporated area in Contra Costa County, California. The site is bounded by Brookside Drive to the north; Fred Jackson Way to the west; industrial uses to the east; and Verde Elementary School, North Richmond Ball Field, and a storage facility to the south. The Single Warehouse Alternative would encompass approximately 31.88 acres and would include one building with approximately 165,456 square feet (SF) for industrial warehouse space and 18,000 SF for office space (183,456 SF total building space). Approximately 8 truck trailer parking spaces and 15 truck bays would be provided on-site. Approximately 90 van-staging and 90 van-loading stations would also be provided for delivery vans. The site and surrounding area are shown in Figure 1. Table 1 summarizes the building details for the Single Warehouse Alternative.

Table 1 Single Warehouse Alternative Details

	DETAILS
Warehouse (SF)	165,456
Office (SF)	18,000
Truck Docks	15
Van Loading Areas	90

2. Health Risk Assessment

2.1. EMISSIONS

The evaluated truck volumes and truck fleet mix were from the trip generation for the project alternative provided by Kittelson & Associates.[1] [2] CenterPoint Properties provided that no drayage vehicles would access the site, and 100 percent of the delivery fleet would be Mercedes Sprinter Vans.

The number of delivery vehicles (Mercedes Sprinter Vans, Class 2 and Class 3 vehicles by weight, EMFAC vehicle categories LHD1 and LHD2) was estimated by Kittelson & Associates as 492 one-way vehicle trips or 246 total delivery vehicles per day (round trip). Per the Conditions of Approval for the project, 33 percent of the delivery fleet will be zero emission (ZE) vehicles. The remaining 67 percent of the delivery fleet was assumed to be gasoline and diesel-fueled vehicles based on the predicted fuel mix from EMFAC2017 for Contra Costa County (51 percent of LHD1 and LHD2 vehicles are diesel-fueled; 49 percent gasoline-fueled).

Table 2 provides the vehicle specifications and numbers used for the EMFAC2017 model run and to create the emissions inventory.

Table 2 Vehicle Specification

	SINGLE WAREHOUSE ALTERNATIVE
Heavy-Heavy Duty Trucks	25 trucks per day (zero drayage vehicles)
Delivery Vans (Mercedes Sprinter Vans; zero delivery trucks)	246 total vans/day 165 non-ZE vans/day 85 diesel-fueled vans/day

Appendix A contains the emission rate calculations for each source considered in the assessment.

1 Kittelson & Associates, Trip Generation, Level of Service and VMT Analysis Technical Memorandum for North Richmond Gardens Traffic Analysis for 506 Brookside Drive, October 26, 2020.

2 Kittelson & Associates, CEQA VMT Analysis for Project Alternative per SB 743 and County Guidelines Technical Memorandum for North Richmond Gardens Traffic Analysis for 506 Brookside Drive, May 12, 2021.

2.2. AIR DISPERSION MODELING

Air quality modeling using the AERMOD atmospheric dispersion model was performed to assess the impact of emitted compounds on sensitive receptors near the site. The model is a steady state Gaussian plume model and is recommended by BAAQMD for estimating flagpole-level impacts from point and fugitive sources in simple and complex terrain. The model requires additional input parameters, including terrain data and local meteorology. Meteorological data obtained from CARB for the nearest representative meteorological station (Chevron Tower) with the latest available years of record (2013, 2015–2017) were used to represent local weather conditions and prevailing winds.

The modeling analysis also considered the spatial distribution and elevation of each emitting source in relation to the sensitive receptors. To accommodate the model's Cartesian grid format, direction-dependent calculations were obtained by identifying the Universal Transverse Mercator (UTM) coordinates for each source location. In addition, digital elevation model (DEM) data for the area were obtained and included in the model runs to account for complex terrain. A vertical emission release height of 4.15 meters was used as representative of the stack exhaust height for diesel truck traffic.[3] A release height of 0.6 meter was used to represent tailpipes for delivery vans. For the operational model run, the model's HRDOW scalar option was invoked to predict flagpole-level concentrations (1.5 m for ground-floor receptors) for emissions generated during normal school hours of 8:00 am to 4:00 pm, 5 days per week. For residential receptors, emissions generated were for the proposed work hours of 24 per day, 7 days per week.

For the delivery fleet, hourly variable emissions were selected because the hours in which the delivery fleet of vans travel off-site (between 9:50 am and 10:50 am daily) and return (between 7:10 pm and 8:50 pm daily) are regular. Therefore, emissions were turned on using the HRDOW scalar option between 9:30 am to 11:00 am and 7:00 pm to 9:00 pm in AERMOD and set to zero during the remaining hours.

A unit emission rate of 1 gram per second was used for all modeling runs. The unit emission rates were proportioned over the poly-area sources for on-site operational truck travel emissions and divided between the adjacent line volume sources for off-site hauling emissions. On-site truck travel was modeled using a poly-area source extending from the northeast driveway entrance from Brookside Dr to the loading dock area along the eastern side of the building. Truck idling was modeled as point sources at each truck bay. On-site delivery fleet travel was modeled using two poly-area sources for the northern and southern portions of the site. Similarly, delivery fleet idling was modeled as two rectangular area sources at the designated van loading areas immediately north and south of the building. A graphical representation of the model is presented in Appendix A.

The maximum AERMOD concentrations from the output files were then multiplied by the emission rates calculated in Appendix A to obtain the maximum flagpole-level concentrations at the maximum exposed receptor (MER). The air dispersion model output for the emission sources is presented in Appendix B. The model output DPM and $PM_{2.5}$ concentrations used in the risk analysis are provided in Appendix C.

[3] California Air Resources Board (CARB), Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles, 2000.

2.3. RISK CALCULATIONS

2.3.1. Carcinogenic Risk

A threshold of ten in a million (10×10^{-6}) has been established as a level posing no significant risk for exposures to carcinogens. Health risks associated with exposure to carcinogenic compounds can be defined in terms of the probability of developing cancer as a result of exposure to a chemical at a given concentration. The cancer risk probability is determined by multiplying the chemical's annual concentration by its cancer potency factor (CPF), a measure of the carcinogenic potential of a chemical when a dose is received through the inhalation pathway. It is an upper-limit estimate of the probability of contracting cancer as a result of continuous exposure to an ambient concentration of one microgram per cubic meter ($\mu g/m^3$) over a lifetime of 70 years.

Recent guidance from OEHHA recommends a refinement to the standard point estimate approach with the use of age-specific breathing rates and age sensitivity factors (ASFs) to assess risk for susceptible subpopulations. For the inhalation pathway, the procedure requires the incorporation of several discrete variates to effectively quantify dose for each age group. Once determined, contaminant dose is multiplied by the cancer potency factor in units of inverse dose, expressed in milligrams per kilogram per day $(mg/kg/day)^{-1}$ to derive the cancer risk estimate. Therefore, the following dose algorithm was used to accommodate the unique exposures associated with the sensitive receptors.

$$Dose_{(AIR,per\ age\ group)} = (C_{air} \times EF \times [BR/BW] \times A \times CF)$$

Where:

$Dose_{AIR}$	=	dose by inhalation (mg/kg-day), per age group/receptor
C_{air}	=	concentration of contaminant in air (µg/m3)
EF	=	exposure frequency (number of days/365 days)
BR/BW	=	daily breathing rate normalized to body weight (L/kg-day)
A	=	inhalation absorption factor (default = 1)
CF	=	conversion factor ($1x10^6$, µg to mg, L to m3)

The inhalation absorption factor (A) is a unitless factor that is only used if the cancer potency factor included a correction for absorption across the lung. The default value of 1 was used for this assessment. To represent the unique characteristics of the school population, the assessment employed the USEPA's guidance to develop viable dose estimates based on reasonable maximum exposure, defined as the "highest exposure that is reasonably expected" for a given receptor population. Lifetime risk values for the student population were adjusted to account for an exposure of 180 days per year for 9 years (kindergarten through 8th grade). In addition, the calculated risk for students is multiplied by an ASF weighting factor of 3 (for children ages 5 to 14 years) to account for early life sensitivity to pollutant exposures.[4] To assess staff-related risk, exposures were adjusted to account for an employment period of 250 days per year for 25 years.

[4] Office of Environmental Health Hazard Assessment (OEHHA), Air Toxics Hot Spots Program Risk Assessment Guidelines: Guidance Manual for Preparation of Health Risk Assessments, February 2015.

For residential receptors, the exposure frequency (EF) of 0.96 is used to represent 350 days per year to allow for a two-week period away from home each year. This timeline is considered appropriate for potential workplace exposures established by OEHHA. The 95th percentile daily breathing rates (BR/BW), exposure duration (ED), ASFs, and fraction of time at home (FAH) for the various age groups are provided herein:

Age Groups	BR/BW (L/kg-day)	ED	ASF	FAH
Third trimester	361	0.25	10	1.0
0–2 age group	1,090	2	10	1.0
2–9 age group	861	7	3	1.0
2–16 age group	745	14	3	1.0
16–30 age group	335	14	1	0.73
16–70 age group	290	54	1	0.73

A fraction of time at home value of 1 was used for this assessment for ages under 16 years due to the proximity to Verde Elementary School.

To calculate the overall cancer risk, the risk for each receptor type is calculated per the following equation:

$$\text{Cancer Risk}_{AIR} = \text{Dose}_{AIR} \times CPF \times ASF \times ED/AT$$

Where:

Dose_{AIR}	=	dose by inhalation (mg/kg-day), per age group/receptor type
CPF	=	cancer potency factor, chemical specific $(mg/kg\text{-}day)^{-1}$
ASF	=	age sensitivity factor, per age group
ED	=	exposure duration (years)
AT	=	averaging time: period over which exposure duration is averaged (70 years)

The CPFs used in the assessment were obtained from OEHHA guidance. The cancer risk is calculated separately for the students and staff because of age differences in sensitivity to carcinogens and intake rates. The final step converts the cancer risk in scientific notation to a whole number that expresses the cancer risk in "chances per million" by multiplying the cancer risk by a factor of 1×10^6 (i.e., 1 million).

CARB's Hotspots Analysis and Reporting Program (HARP2), Risk Assessment Standalone Tool, was used to calculate the cancer risk values.[5] The calculated results are provided in Appendix C.

2.3.2. Noncarcinogenic Hazards

An evaluation was conducted for the potential noncancer effects of chronic and acute chemical exposures. Adverse health effects are evaluated by comparing the annual receptor ground-level or flagpole-level concentration of each chemical compound with the appropriate reference exposure limit (REL). Available RELs promulgated by OEHHA were considered in the assessment.

[5] California Air Resources Board (CARB) Hotspots Analysis and Report Program (HARP2), Risk Assessment Standalone Tool (RAST), version 19044, 2019.

The hazard index approach was used to quantify noncarcinogenic impacts. The hazard index assumes that chronic, subthreshold exposures adversely affect a specific organ or organ system (toxicological endpoint). Target organs presented in regulatory guidance were used for each discrete chemical exposure. Each chemical concentration or dose is divided by the appropriate toxicity value to calculate the hazard index. A health hazard is presumed to exist where the total equals or exceeds one. CARB's HARP2 Risk Assessment Standalone Tool was used to calculate the chronic health risk values, and the determined hazard indices are provided in Appendix C.

2.3.3. Criteria Pollutants

The BAAQMD has incorporated $PM_{2.5}$ into the District's CEQA significance thresholds due to studies that show adverse health impacts from exposure to this pollutant. An incremental increase of more than 0.3 µg/m^3 for the annual average $PM_{2.5}$ concentration is considered a significant impact. The modeling results for $PM_{2.5}$ are summarized in Table 3 and provided in Appendix C.

2.4. RESULTS

The results of the health risk assessment are provided in Table 3. The incremental cancer risk was calculated to be 0.05 per million for adult school staff, 0.08 per million for students, and 1.2 per million for residents. Cancer risks are all below the significance threshold value of 10 in a million for school staff, students, and residents.

For noncarcinogenic effects, the chronic hazard index identified for each toxicological endpoint totaled less than one for all off-site sensitive receptors. Therefore, chronic noncarcinogenic hazards are below the significance threshold. Lastly, the highest calculated $PM_{2.5}$ annual concentration at an off-site receptor was 0.004 µg/m^3 (i.e., at the residential MER) and would not exceed the BAAQMD significance threshold of 0.3 µg/m^3.

Table 3 Health Risk Assessment Summary

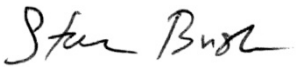
EMISSION SOURCES	CANCER RISK (PER MILLION)			CHRONIC HAZARDS	$PM_{2.5}$ (µg/m^3)
	STAFF	STUDENTS	RESIDENTS		
Single Warehouse Alternative	0.05	0.08	1.2	3E-04 (<0.001)	0.004
BAAQMD Threshold	10	10	10	1.0	0.3
Exceeds Threshold?	**No**	**No**	**No**	**No**	**No**

3. Conclusions

Based on a comparison to the carcinogenic and noncarcinogenic thresholds established under the California Safe Drinking Water and Toxic Enforcement Act (Proposition 65) and by OEHHA, hazardous air emissions generated from operation of the Single Warehouse Alternative are not anticipated to pose an actual or potential endangerment to the surrounding sensitive receptors, and no mitigation measures are required.

Respectfully submitted,

PlaceWorks



Steve Bush, PE
Senior Engineer

PLACEWORKS

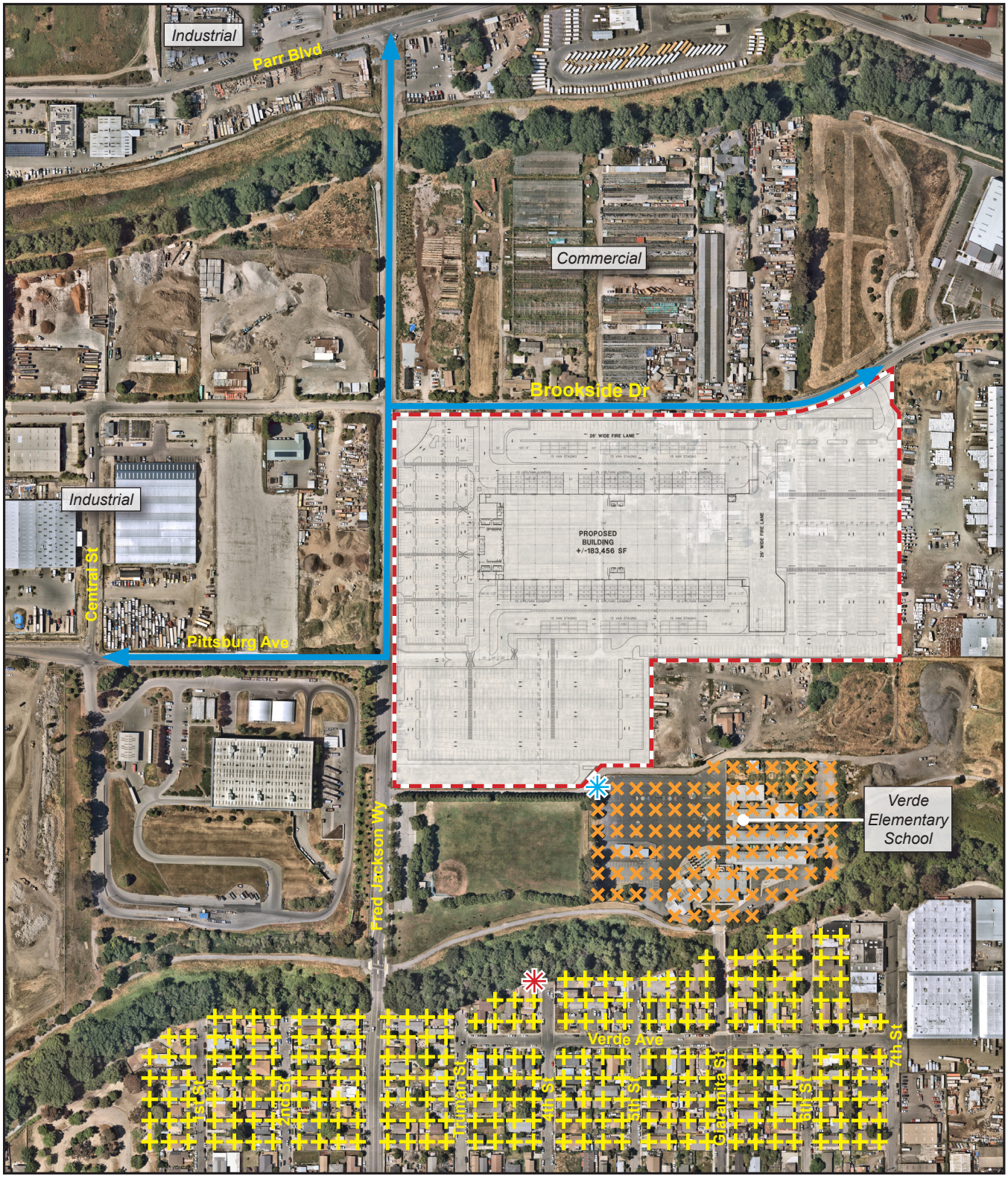
Project Site Boundary

Source: Nearmap, 2020;
Site Plan: HPA Architecture, 2020

0 300 Feet

Figure 1
Proposed Site Plan

PLACEWORKS



Source: Nearmap, 2020;
Site Plan: HPA Architecture, 2020

Figure 2
Maximum Exposed Receptor Locations

Appendix A Emission Rate Calculations

Source
Diesel Trucks
Single Warehouse Alternative - 506 Brookside Drive
North Richmond, CA

Operation: Truck Activity, for Operational HRA

	hours	days	weeks
Temporal Profile:	24	7	52
	0	0	0

Truck Activity: (1)

Heavy Vehicles	50	one-way truck-trips per day
Heavy-Heavy Duty Trucks	25	HHDT trucks per day (round trip)
On-site Distance Traveled/Truck	0.25	miles
Haul Route Modeled/Truck	0.77	miles (route within 1,000 feet of site)

Running Emissions:

Heavy-Heavy Duty Trucks	**On-site (2)**	**Off-site (3)**
DPM Emission Factor (g/mi)	0.0956	0.0372
DPM Running Emissions (g/sec)	6.81E-06	8.30E-06
$PM_{2.5}$ Emission Factor (g/mi)	0.1270	0.0711
$PM_{2.5}$ Running Emissions (g/sec)	9.04E-06	1.59E-05

Reentrainment Emissions:

$PM_{2.5}$ Reentrainment Emission Factor = $k * (sL)^{0.91} * (W)^{1.02} * (1 - P/4N)$

k = particle size multiplier (g/VMT)	0.169	
sL = roadway specific silt loading (g/m^2)	0.032	
W = average weight of vehicles on road (tons)	16.5	Class 7 vehicles
P = number of days >0.01 in of precipitation (County)	60	
N = number of days in averaging period	365	
$PM_{2.5}$ Reentrainment EF (g/VMT)	0.12336	

Source: CARB, 2014. Miscellaneous Process Methodology 7.9, Entrained Road Travel, Paved Road Dust.

$PM_{2.5}$ Emissions (g/s) - All Trucks	8.79E-06	2.75E-05

Total Truck Emissions:	**On-site**	**Off-site**
Total DPM Running Emissions (g/s)	**6.81E-06**	**8.30E-06**
Total $PM_{2.5}$ Running Emissions (g/s)	**1.78E-05**	**4.34E-05**

(1) Source: Trip Generation from Kittelson & Associates, October 2020. Trucks with 5+ axles (modeled as heavy-heavy duty trucks) are assumed 100% of all heavy vehicles. CenterPoint Properties provided that no drayage trucks would access the project site for Single Warehouse Alternative.

(2) For on-site emissions, PM10 and PM2.5 running emission factors for trucks obtained from CARB (EMFAC2017) for analysis years 2021. Based upon an average lot travel speed of 5 mph. Brake wear, tire wear, and reentrained dust emissions included in PM2.5 running emissions.

(3) For off-site (truck route) emissions, PM10 and PM2.5 running emission factors for trucks obtained from CARB (EMFAC2017) for analysis years 2021. Based upon roadway speed limit of 35 mph. Brake wear, tire wear, and reentrained dust emissions included in PM2.5 running emissions.

Source
Diesel Trucks
Single Warehouse Alternative - 506 Brookside Drive
North Richmond, CA

Operation: Truck Activity, for Operational HRA

	hours	days	weeks
Temporal Profile:	24	7	52
	0	0	0

Truck Activity: (1)

Heavy Vehicles	50	one-way truck-trips per day
Heavy-Heavy Duty Trucks	25	HHDT trucks per day (round trip)
Idling Duration	15	min
Truck Bays	15	

Idling Emissions: (2)

Heavy-Heavy Duty Trucks	
DPM Emission Factor (g/hr)	0.0252
Idling Emissions (g/sec)	1.82E-06
Idling Emissions (g/sec/bay)	**1.21E-07**
$PM_{2.5}$ Emission Factor (g/hr)	0.0241
$PM_{2.5}$ Idling Emissions (g/sec)	1.74E-06
$PM_{2.5}$ Idling Emissions (g/sec/bay)	**1.16E-07**

Point Source Specifications (vertical release): (3)

Stack Temperature	366	K
Stack Velocity	50.0	m/s
Stack Diameter	4.0	inches
Stack Height	4.15	m

(1) Source: Trip Generation from Kittelson & Associates, October 2020. Trucks with 5+ axles (modeled as heavy-heavy duty trucks) are assumed 100% of all heavy vehicles. CenterPoint Properties provided that no drayage trucks would access the project site for Single Warehouse Alternative.

(2) PM10 and PM2.5 idling emission factors for trucks obtained from CARB (EMFAC2017) for analysis years 2021.

(3) Stack parameters for idling trucks from CARB's Risk Characterization Scenarios, Appendix VII for idling diesel trucks (October 2000).

Source
Delivery Vans
Single Warehouse Alternative - 506 Brookside Drive
North Richmond, CA

Operation: Delivery Fleet Activity for Operational HRA

	hours	days	weeks	
Temporal Profile:	1.5	7	52	9:30AM to 11:00AM
	2	7	52	7:00PM to 9:00PM

Truck Activity: (1)

	Delivery Fleet	246	delivery vehicles per day (round trip)
100%	Vans	246	delivery vans per day (round trip)
33%	Zero Emission (ZE) Delivery Fleet	165	non-ZE delivery fleet
51%	Diesel-Fueled Delivery Vans	85	diesel-fueled vehicles per day
	On-site Distance Traveled/Veh	0.47	miles
	Haul Route Modeled/Veh	0.77	miles (route within 1,000 feet of site)

Running Emissions:

Delivery Vans	**On-site (2)**	**Off-site (3)**	
DPM Emission Factor (g/mi)	0.076	0.020	
DPM Running Emissions (g/sec)	**2.43E-04**	**1.07E-04**	for 85 diesel-fueled delivery vans
$PM_{2.5}$ Emission Factor (g/mi)	0.1097	0.057	
$PM_{2.5}$ Running Emissions (g/sec)	6.80E-04	5.71E-04	for 165 non-ZE delivery vans

Reentrainment Emissions:

*$PM_{2.5}$ Reentrainment Emission Factor = k * (sL)$^{0.91}$ * (W)$^{1.02}$ * (1 - P/4N)*

k = particle size multiplier (g/VMT)	0.169	
sL = roadway specific silt loading (g/m^2)	0.032	
W = average weight of vehicles on road (tons)	5.0	Avg Gross Vehicle Weight
P = number of days >0.01 in of precipitation (County)	60	
N = number of days in averaging period	365	
$PM_{2.5}$ Reentrainment EF (g/VMT)	0.03650	

Source: CARB, 2014. Miscellaneous Process Methodology 7.9, Entrained Road Travel, Paved Road Dust.

$PM_{2.5}$ Emissions (g/s) - vans	3.37E-04	5.49E-04	all 246 delivery vans

Total Delivery $PM_{2.5}$ Emissions:	**On-site**	**Off-site**
Total Van PM2.5 Running (g/s)	**1.02E-03**	**1.12E-03**

(1) Source: Trip Generation from Kittelson & Associates, October 2020. Percent of warehouse automobiles as delivery fleet from CenterPoint Properties. 33% zero emission (ZE) delivery fleet from Conditions of Approval for the project. For Single Warehouse Alternative, CenterPoint Properties provided all delivery vans would be Mercedes Sprinter Vans, which have Gross Vehicle Weight ratings (GVWR) betweeen 8,550 lbs to 12,1225 lbs (LHD1 and LHD2 vehicle classes). Assumed GVWR of 10,000 lbs was used for reentrained dust emissions.

(2) For on-site emissions, PM10 and PM2.5 running emission factors for Class 2-3 vehicles (i.e., LHD1 and LHD2) obtained from CARB (EMFAC2017) for analysis years 2021. See Delivery Fleet Emission Factor spreadsheet for adjusted emission factor calculation.
Based upon an average lot travel speed of 5 mph. Brake wear, tire wear, and reentrained dust emissions included in Total PM2.5 running emissions.

(3) For off-site (truck route) emissions, PM10 and PM2.5 running emission factors for Class 2-3 vehicles (i.e., LHD1 and LHD2) obtained from CARB (EMFAC2017) for analysis years 2021. See Delivery Fleet Emission Factor spreadsheet for adjusted emission factor calculation. Based upon roadway speed limit of 35 mph. Brake wear, tire wear, and reentrained dust emissions included in Total PM2.5 running emissions.

Source
Delivery Vans
Single Warehouse Alternative - 506 Brookside Drive
North Richmond, CA

Operation: Delivery Fleet Activity for Operational HRA

	hours	days	weeks	
Temporal Profile:	1.5	7	52	9:30AM to 11:00AM
	2	7	52	7:00PM to 9:00PM

Truck Activity: (1)

Non-ZE Delivery Fleet	165	non-ZE delivery fleet (veh/day; round trip)
Diesel-Fueled Delivery Vans	85	diesel-fueled vans per day (round trip)
Idling Duration	15	min
Van Loading Zone	26,400	SF (2 areas; 1 north, 1 south of bldg)

Idling Emissions: (2)

Delivery Fleet	**Fleet**	
DPM Emission Factor (g/hr)	0.807	
Idling Emissions (g/sec)	**1.36E-03**	for 85 diesel-fueled delivery vans
$PM_{2.5}$ Emission Factor (g/hr)	0.772	
$PM_{2.5}$ Idling Emissions (g/sec)	**2.53E-03**	for 165 non-ZE delivery vans

(1) Source: Trip Generation from Kittelson & Associates, October 2020. Percent of warehouse automobiles as delivery fleet from CenterPoint Properties. 33% zero emission (ZE) delivery fleet from Conditions of Approval for the project. For Single Warehouse Alternative, CenterPoint Properties provided all delivery vans would be Mercedes Sprinter Vans, which have Gross Vehicle Weight ratings (GVWR) betweeen 8,550 lbs to 12,1225 lbs (LHD1 and LHD2 vehicle classes).

(2) PM10 and PM2.5 idling emission factors for Class 2-3 vehicles (i.e., LHD1 and LHD2) obtained from CARB (EMFAC2017) for analysis years 2021. See Delivery Fleet Emission Factor spreadsheet for adjusted emission factor calculation.

(3) Modeled as two area sources in AERMOD, each 26,000 SF (660 ft x 40 ft, per Site Plan). Unit emission rate divided equally for the two area sources (i.e., 0.5 g/s for van area 1 and 0.5 g/s for van area 2). Delivery van stack assumed release height of 0.6 m for automobiles, per typical van exhaust parameters (CARB's Risk Characterization Scenarios, Appendix VII, Oct 2000).

Delivery Fleet Emission Factors

Emission Factor Adjustments, based on Fleet Mix used in AQ/GHG Analysis, EMFAC2017

DPM		Emission Factor		
Veh Class	Fleet Mix	RUNEX_5mph	RUNEX_35mph	IDLEX
		g/mi	g/mi	g/hr
LHD1	0.771	0.079	0.02089	0.80837
LHD2	0.228	0.067	0.01915	0.80462
TOTAL	1.00	**0.076**	**0.020**	**0.807**

PM2.5		Emission Factor				
Veh Class	Fleet Mix	RUNEX_5mph	RUNEX_35mph	IDLEX	PMBW	PMTW
		g/mi	g/mi	g/hr	g/mi	g/mi
LHD1	0.771	0.075	0.01999	0.77340	0.03276	0.003
LHD2	0.228	0.064	0.01832	0.76981	0.03822	0.003
TOTAL	1.00	**0.073**	**0.020**	**0.772**	**0.034**	**0.003**

Fleet Mix from AQ analysis for delivery van vehicle categories for Mercedes Sprinter Vans.
EMFAC 2017, Conta Costa County, year 2021

Volume Source Calcs - Roadways

Unit Emission Rate Adjustments, per length of line volume source

SLINE	Roadway		length (m)	ratio/rate	
1	Pittsburg_FredJacksonWay		797.5	**0.64**	
2	Brookside Dr		443.4	**0.36**	
Sum		m	1240.9	**1.00**	g/s
		mi	0.77		

Total Haul Route (off-site) Emission Rate

DPM	8.30E-06	PM2.5	4.34E-05

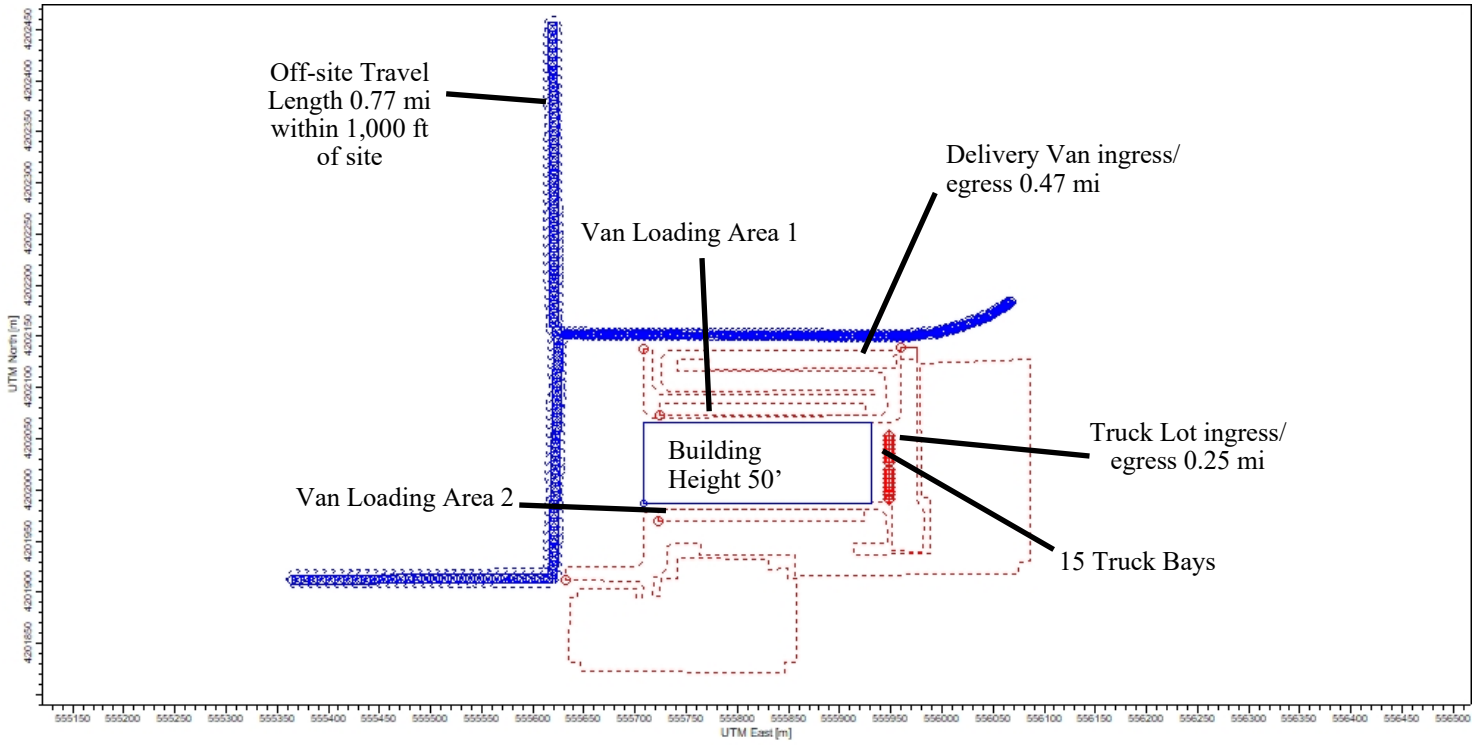
calendar_y	season_mc	sub_area	vehicle_cla	fuel	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2021	Annual	Contra Cos	LHDT1	Dsl	58	75	RUNEX	5	PM10	0.078687
2021	Annual	Contra Cos	LHDT1	Dsl	58	75	RUNEX	5	PM2_5	0.075283
2021	Annual	Contra Cos	LHDT1	Dsl	58	75	RUNEX	35	PM10	0.020889
2021	Annual	Contra Cos	LHDT1	Dsl	58	75	RUNEX	35	PM2_5	0.019985
2021	Annual	Contra Cos	LHDT2	Dsl	58	75	RUNEX	5	PM10	0.066928
2021	Annual	Contra Cos	LHDT2	Dsl	58	75	RUNEX	5	PM2_5	0.064033
2021	Annual	Contra Cos	LHDT2	Dsl	58	75	RUNEX	35	PM10	0.019149
2021	Annual	Contra Cos	LHDT2	Dsl	58	75	RUNEX	35	PM2_5	0.018321
2021	Annual	Contra Cos	LHDT1	Dsl			IDLEX		PM10	0.808367
2021	Annual	Contra Cos	LHDT1	Dsl			IDLEX		PM2_5	0.773398
2021	Annual	Contra Cos	LHDT1	Dsl			PMTW		PM2_5	0.003
2021	Annual	Contra Cos	LHDT1	Dsl			PMBW		PM2_5	0.03276
2021	Annual	Contra Cos	LHDT2	Dsl			IDLEX		PM10	0.804622
2021	Annual	Contra Cos	LHDT2	Dsl			IDLEX		PM2_5	0.769814
2021	Annual	Contra Cos	LHDT2	Dsl			PMTW		PM2_5	0.003
2021	Annual	Contra Cos	LHDT2	Dsl			PMBW		PM2_5	0.03822

calendar_y	season_mc	sub_area	vehicle_cla	fuel	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2021	Annual	Contra Cos	HHDT	Dsl	58	75	RUNEX	5	PM10	0.095635
2021	Annual	Contra Cos	HHDT	Dsl	58	75	RUNEX	35	PM10	0.037216
2021	Annual	Contra Cos	HHDT	Dsl	58	75	RUNEX	5	PM2_5	0.091498
2021	Annual	Contra Cos	HHDT	Dsl	58	75	RUNEX	35	PM2_5	0.035606
2021	Annual	Contra Cos	HHDT	Dsl			PMTW		PM2_5	0.009
2021	Annual	Contra Cos	HHDT	Dsl			PMBW		PM2_5	0.02646

Single Warehouse Alternative
506 Brookside Drive
North Richmond, CA 94801
Operation 24 hours per day, 7 days per week
Delivery Fleet Activity: 9:30AM to 11:00AM, 7:00PM to 9:00PM daily

N

Trucking Operations
Heavy-Heavy Duty Trucks: 25 HHDT trucks per day, diesel-fueled
Delivery Vehicles: 246 total vans per day (Class 2 thru Class 3)
Delivery Vehicles: 85 diesel-fueled delivery vans per day (Class 2 thru Class 3)



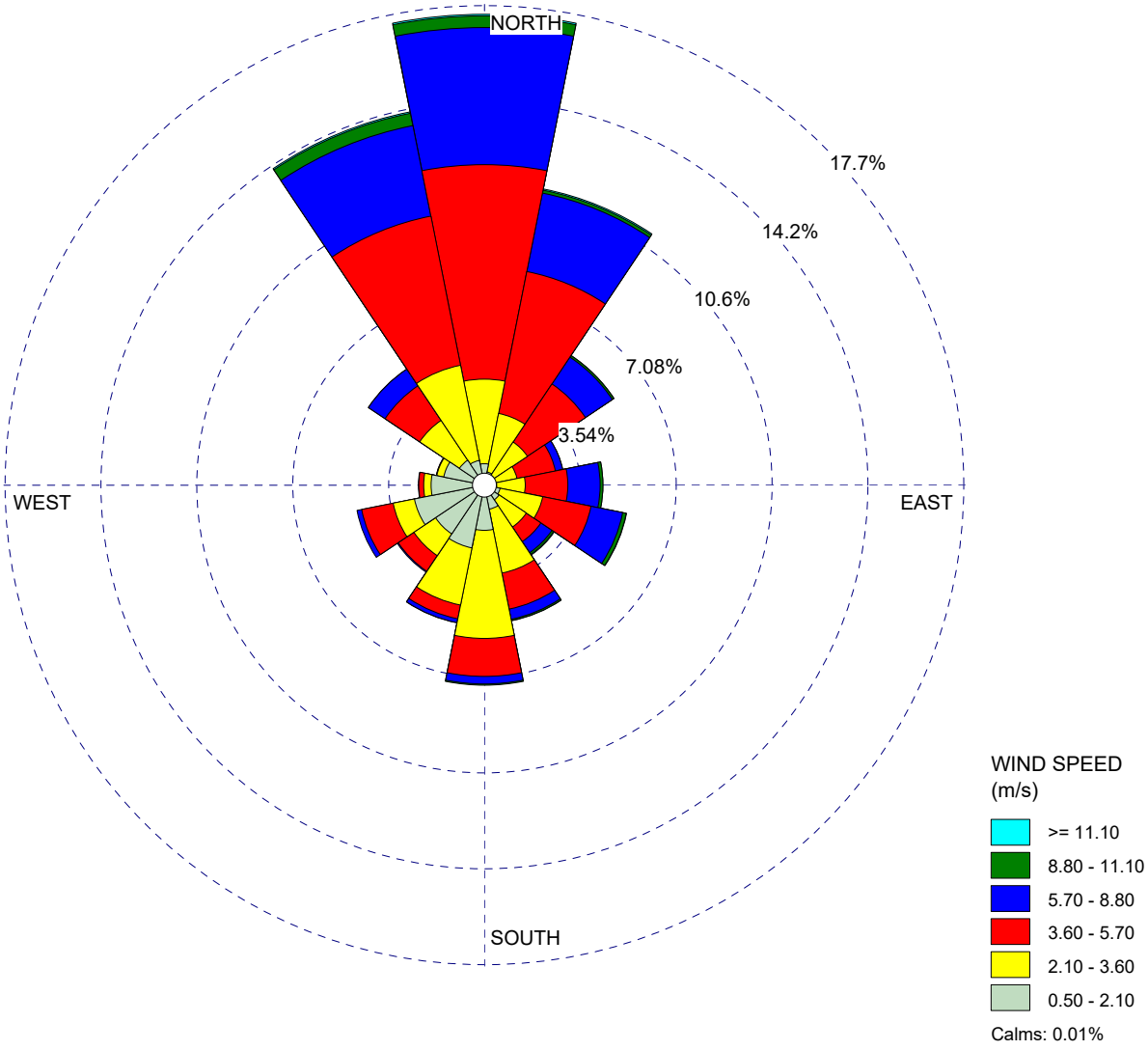
- For trucks, release height of 4.15 m and initial vertical dimension (δy) of 1.93 m is based upon California Air Resources Board's "Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles" (2000). For delivery vans, release height of 0.6 m used due to lower tailpipe height (CARB, 2000).

WIND ROSE PLOT:

Chevron Tower Meteorological Station
2013, 2015-2017

DISPLAY:

Wind Speed
Flow Vector (blowing to)



COMMENTS: All Hours	DATA PERIOD: **Start Date: 1/1/2013 - 00:00** **End Date: 1/1/2018 - 23:59**	COMPANY NAME: **PlaceWorks**	
		MODELER: **SB**	
	CALM WINDS: **0.01%**	TOTAL COUNT: **35031 hrs.**	
	AVG. WIND SPEED: **3.95 m/s**	DATE: **4/13/2020**	PROJECT NO.: **CPP-01.1**

Appendix B Air Dispersion Model Output

Model Output - School Receptors
Unit Emission Rates (1 g/s)

```
*** AERMOD - VERSION  19191 ***   *** Single Warehouse Alternative 506 Brookside Dr HRA - School Receptors ***        10/13/20
*** AERMET - VERSION  18081 ***   *** North Richmond, CA                                                   ***        12:18:12
                                                                                                                      PAGE   1
*** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  SigA Data

                                        ***     MODEL SETUP OPTIONS SUMMARY       ***
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

**Model Is Setup For Calculation of Average CONCentration Values.

  --  DEPOSITION LOGIC  --
**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
**Model Uses NO WET DEPLETION.  WETDPLT  =  F

**Model Uses URBAN Dispersion Algorithm for the SBL for   370 Source(s),
  for Total of    1 Urban Area(s):
  Urban Population =    217853.0 ;  Urban Roughness Length =  1.000 m

**Model Allows User-Specified Options:
        1. Stack-tip Downwash.
        2. Model Accounts for ELEVated Terrain Effects.
        3. Use Calms Processing Routine.
        4. Use Missing Data Processing Routine.
        5. No Exponential Decay.
        6. Urban Roughness Length of 1.0 Meter Used.

**Other Options Specified:
        TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Accepts FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of:  OTHER

**Model Calculates PERIOD Averages Only

**This Run Includes:    370 Source(s);       6 Source Group(s); and     274 Receptor(s)

               with:     15 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:    350 VOLUME source(s)
                and:      5 AREA type source(s)
                and:      0 LINE source(s)
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with      0 line(s)


**Model Set To Continue RUNning After the Setup Testing.
```

Model Output - School Receptors
Unit Emission Rates (1 g/s)

```
**The AERMET Input Meteorological Data Version Date:  18081

**Output Options Selected:
         Model Outputs Tables of PERIOD Averages by Receptor
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                m for Missing Hours
                                                                b for Both Calm and Missing Hours

**Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =     1.50 ;  Decay Coef. =    0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                              ;  Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

**Approximate Storage Requirements of Model =      4.8 MB of RAM.

**Input Runstream File:          aermod.inp
**Output Print File:             aermod.out

**Detailed Error/Message File:   CPP06_school.err
**File for Summary of Results:   CPP06_school.sum
```

Model Output - School Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR	EMIS RATE SCALAR VARY BY
STCK1	0	0.10000E+01	555948.6	4202052.3	6.3	4.15	366.00	50.00	0.10	YES	YES	NO	HRDOW
STCK2	0	0.10000E+01	555948.6	4202048.5	6.3	4.15	366.00	50.00	0.10	YES	YES	NO	HRDOW
STCK3	0	0.10000E+01	555948.6	4202044.1	6.3	4.15	366.00	50.00	0.10	YES	YES	NO	HRDOW
STCK4	0	0.10000E+01	555948.6	4202039.7	6.3	4.15	366.00	50.00	0.10	YES	YES	NO	HRDOW
STCK5	0	0.10000E+01	555948.6	4202035.9	6.3	4.15	366.00	50.00	0.10	YES	YES	NO	HRDOW
STCK6	0	0.10000E+01	555948.6	4202031.9	6.3	4.15	366.00	50.00	0.10	YES	YES	NO	HRDOW
STCK7	0	0.10000E+01	555948.6	4202027.7	6.4	4.15	366.00	50.00	0.10	YES	YES	NO	HRDOW
STCK8	0	0.10000E+01	555948.6	4202019.4	6.4	4.15	366.00	50.00	0.10	YES	YES	NO	HRDOW
STCK9	0	0.10000E+01	555948.6	4202015.7	6.4	4.15	366.00	50.00	0.10	YES	YES	NO	HRDOW
STCK10	0	0.10000E+01	555948.6	4202011.3	6.4	4.15	366.00	50.00	0.10	YES	YES	NO	HRDOW
STCK11	0	0.10000E+01	555948.6	4202007.3	6.4	4.15	366.00	50.00	0.10	YES	YES	NO	HRDOW
STCK12	0	0.10000E+01	555948.6	4202003.1	6.4	4.15	366.00	50.00	0.10	YES	YES	NO	HRDOW
STCK13	0	0.10000E+01	555948.6	4201998.9	6.4	4.15	366.00	50.00	0.10	YES	YES	NO	HRDOW
STCK14	0	0.10000E+01	555948.6	4201994.9	6.4	4.15	366.00	50.00	0.10	YES	YES	NO	HRDOW
STCK15	0	0.10000E+01	555948.6	4201991.1	6.4	4.15	366.00	50.00	0.10	YES	YES	NO	HRDOW

Model Output - School Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000620	0	0.68085E-02	555368.6	4201912.4	4.7	4.15	3.95	3.26	YES	HRDOW
L0000621	0	0.68085E-02	555377.1	4201912.4	4.8	4.15	3.95	3.26	YES	HRDOW
L0000622	0	0.68085E-02	555385.6	4201912.4	4.8	4.15	3.95	3.26	YES	HRDOW
L0000623	0	0.68085E-02	555394.1	4201912.5	4.8	4.15	3.95	3.26	YES	HRDOW
L0000624	0	0.68085E-02	555402.6	4201912.5	4.8	4.15	3.95	3.26	YES	HRDOW
L0000625	0	0.68085E-02	555411.1	4201912.6	4.8	4.15	3.95	3.26	YES	HRDOW
L0000626	0	0.68085E-02	555419.6	4201912.6	4.8	4.15	3.95	3.26	YES	HRDOW
L0000627	0	0.68085E-02	555428.1	4201912.7	4.8	4.15	3.95	3.26	YES	HRDOW
L0000628	0	0.68085E-02	555436.6	4201912.7	4.9	4.15	3.95	3.26	YES	HRDOW
L0000629	0	0.68085E-02	555445.1	4201912.7	4.9	4.15	3.95	3.26	YES	HRDOW
L0000630	0	0.68085E-02	555453.6	4201912.8	4.9	4.15	3.95	3.26	YES	HRDOW
L0000631	0	0.68085E-02	555462.1	4201912.8	4.9	4.15	3.95	3.26	YES	HRDOW
L0000632	0	0.68085E-02	555470.6	4201912.9	5.0	4.15	3.95	3.26	YES	HRDOW
L0000633	0	0.68085E-02	555479.1	4201912.9	5.0	4.15	3.95	3.26	YES	HRDOW
L0000634	0	0.68085E-02	555487.6	4201913.0	5.0	4.15	3.95	3.26	YES	HRDOW
L0000635	0	0.68085E-02	555496.1	4201913.0	5.0	4.15	3.95	3.26	YES	HRDOW
L0000636	0	0.68085E-02	555504.6	4201913.1	5.0	4.15	3.95	3.26	YES	HRDOW
L0000637	0	0.68085E-02	555513.1	4201913.1	5.0	4.15	3.95	3.26	YES	HRDOW
L0000638	0	0.68085E-02	555521.6	4201913.1	5.0	4.15	3.95	3.26	YES	HRDOW
L0000639	0	0.68085E-02	555530.1	4201913.2	5.1	4.15	3.95	3.26	YES	HRDOW
L0000640	0	0.68085E-02	555538.6	4201913.2	5.1	4.15	3.95	3.26	YES	HRDOW
L0000641	0	0.68085E-02	555547.1	4201913.3	5.1	4.15	3.95	3.26	YES	HRDOW
L0000642	0	0.68085E-02	555555.6	4201913.3	5.1	4.15	3.95	3.26	YES	HRDOW
L0000643	0	0.68085E-02	555564.1	4201913.4	5.2	4.15	3.95	3.26	YES	HRDOW
L0000644	0	0.68085E-02	555572.6	4201913.4	5.2	4.15	3.95	3.26	YES	HRDOW
L0000645	0	0.68085E-02	555581.1	4201913.4	5.2	4.15	3.95	3.26	YES	HRDOW
L0000646	0	0.68085E-02	555589.6	4201913.5	5.2	4.15	3.95	3.26	YES	HRDOW
L0000647	0	0.68085E-02	555598.1	4201913.5	5.2	4.15	3.95	3.26	YES	HRDOW
L0000648	0	0.68085E-02	555606.6	4201913.6	5.3	4.15	3.95	3.26	YES	HRDOW
L0000649	0	0.68085E-02	555615.1	4201913.6	5.3	4.15	3.95	3.26	YES	HRDOW
L0000650	0	0.68085E-02	555619.7	4201917.6	5.3	4.15	3.95	3.26	YES	HRDOW
L0000651	0	0.68085E-02	555619.9	4201926.1	5.3	4.15	3.95	3.26	YES	HRDOW
L0000652	0	0.68085E-02	555620.1	4201934.6	5.3	4.15	3.95	3.26	YES	HRDOW
L0000653	0	0.68085E-02	555620.3	4201943.1	5.3	4.15	3.95	3.26	YES	HRDOW
L0000654	0	0.68085E-02	555620.5	4201951.6	5.3	4.15	3.95	3.26	YES	HRDOW
L0000655	0	0.68085E-02	555620.7	4201960.1	5.2	4.15	3.95	3.26	YES	HRDOW
L0000656	0	0.68085E-02	555620.9	4201968.5	5.2	4.15	3.95	3.26	YES	HRDOW
L0000657	0	0.68085E-02	555621.1	4201977.0	5.2	4.15	3.95	3.26	YES	HRDOW

Model Output - School Receptors
Unit Emission Rates (1 g/s)

L0000658 0 0.68085E-02 555621.2 4201985.5 5.2 4.15 3.95 3.26 YES HRDOW
L0000659 0 0.68085E-02 555621.4 4201994.0 5.2 4.15 3.95 3.26 YES HRDOW

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000660	0	0.68085E-02	555621.6	4202002.5	5.2	4.15	3.95	3.26	YES	HRDOW
L0000661	0	0.68085E-02	555621.8	4202011.0	5.2	4.15	3.95	3.26	YES	HRDOW
L0000662	0	0.68085E-02	555622.0	4202019.5	5.2	4.15	3.95	3.26	YES	HRDOW
L0000663	0	0.68085E-02	555622.2	4202028.0	5.2	4.15	3.95	3.26	YES	HRDOW
L0000664	0	0.68085E-02	555622.4	4202036.5	5.2	4.15	3.95	3.26	YES	HRDOW
L0000665	0	0.68085E-02	555622.6	4202045.0	5.2	4.15	3.95	3.26	YES	HRDOW
L0000666	0	0.68085E-02	555622.8	4202053.5	5.2	4.15	3.95	3.26	YES	HRDOW
L0000667	0	0.68085E-02	555622.9	4202062.0	5.2	4.15	3.95	3.26	YES	HRDOW
L0000668	0	0.68085E-02	555623.1	4202070.5	5.2	4.15	3.95	3.26	YES	HRDOW
L0000669	0	0.68085E-02	555623.3	4202079.0	5.3	4.15	3.95	3.26	YES	HRDOW
L0000670	0	0.68085E-02	555623.5	4202087.5	5.3	4.15	3.95	3.26	YES	HRDOW
L0000671	0	0.68085E-02	555623.7	4202096.0	5.3	4.15	3.95	3.26	YES	HRDOW
L0000672	0	0.68085E-02	555623.9	4202104.5	5.3	4.15	3.95	3.26	YES	HRDOW
L0000673	0	0.68085E-02	555624.1	4202113.0	5.3	4.15	3.95	3.26	YES	HRDOW
L0000674	0	0.68085E-02	555624.3	4202121.5	5.4	4.15	3.95	3.26	YES	HRDOW
L0000675	0	0.68085E-02	555624.5	4202130.0	5.4	4.15	3.95	3.26	YES	HRDOW
L0000676	0	0.68085E-02	555624.6	4202138.5	5.4	4.15	3.95	3.26	YES	HRDOW
L0000677	0	0.68085E-02	555624.8	4202147.0	5.4	4.15	3.95	3.26	YES	HRDOW
L0000678	0	0.68085E-02	555623.0	4202155.3	5.4	4.15	3.95	3.26	YES	HRDOW
L0000679	0	0.68085E-02	555621.2	4202163.6	5.4	4.15	3.95	3.26	YES	HRDOW
L0000680	0	0.68085E-02	555620.9	4202172.1	5.4	4.15	3.95	3.26	YES	HRDOW
L0000681	0	0.68085E-02	555620.9	4202180.6	5.3	4.15	3.95	3.26	YES	HRDOW
L0000682	0	0.68085E-02	555620.8	4202189.1	5.3	4.15	3.95	3.26	YES	HRDOW
L0000683	0	0.68085E-02	555620.8	4202197.6	5.3	4.15	3.95	3.26	YES	HRDOW
L0000684	0	0.68085E-02	555620.8	4202206.1	5.3	4.15	3.95	3.26	YES	HRDOW
L0000685	0	0.68085E-02	555620.7	4202214.6	5.3	4.15	3.95	3.26	YES	HRDOW
L0000686	0	0.68085E-02	555620.7	4202223.1	5.3	4.15	3.95	3.26	YES	HRDOW
L0000687	0	0.68085E-02	555620.6	4202231.6	5.3	4.15	3.95	3.26	YES	HRDOW
L0000688	0	0.68085E-02	555620.6	4202240.1	5.3	4.15	3.95	3.26	YES	HRDOW
L0000689	0	0.68085E-02	555620.6	4202248.6	5.3	4.15	3.95	3.26	YES	HRDOW
L0000690	0	0.68085E-02	555620.5	4202257.1	5.3	4.15	3.95	3.26	YES	HRDOW
L0000691	0	0.68085E-02	555620.5	4202265.6	5.3	4.15	3.95	3.26	YES	HRDOW
L0000692	0	0.68085E-02	555620.5	4202274.1	5.3	4.15	3.95	3.26	YES	HRDOW
L0000693	0	0.68085E-02	555620.4	4202282.6	5.3	4.15	3.95	3.26	YES	HRDOW
L0000694	0	0.68085E-02	555620.4	4202291.1	5.3	4.15	3.95	3.26	YES	HRDOW
L0000695	0	0.68085E-02	555620.3	4202299.6	5.3	4.15	3.95	3.26	YES	HRDOW

Model Output - School Receptors
Unit Emission Rates (1 g/s)

L0000696	0	0.68085E-02	555620.3	4202308.1	5.3	4.15	3.95	3.26	YES	HRDOW
L0000697	0	0.68085E-02	555620.3	4202316.6	5.3	4.15	3.95	3.26	YES	HRDOW
L0000698	0	0.68085E-02	555620.2	4202325.1	5.3	4.15	3.95	3.26	YES	HRDOW
L0000699	0	0.68085E-02	555620.2	4202333.6	5.3	4.15	3.95	3.26	YES	HRDOW

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000700	0	0.68085E-02	555620.1	4202342.1	5.3	4.15	3.95	3.26	YES	HRDOW
L0000701	0	0.68085E-02	555620.1	4202350.6	5.3	4.15	3.95	3.26	YES	HRDOW
L0000702	0	0.68085E-02	555620.1	4202359.1	5.4	4.15	3.95	3.26	YES	HRDOW
L0000703	0	0.68085E-02	555620.0	4202367.6	5.1	4.15	3.95	3.26	YES	HRDOW
L0000704	0	0.68085E-02	555620.0	4202376.1	4.8	4.15	3.95	3.26	YES	HRDOW
L0000705	0	0.68085E-02	555620.0	4202384.6	4.8	4.15	3.95	3.26	YES	HRDOW
L0000706	0	0.68085E-02	555619.9	4202393.1	5.1	4.15	3.95	3.26	YES	HRDOW
L0000707	0	0.68085E-02	555619.9	4202401.6	5.3	4.15	3.95	3.26	YES	HRDOW
L0000708	0	0.68085E-02	555619.8	4202410.1	5.4	4.15	3.95	3.26	YES	HRDOW
L0000709	0	0.68085E-02	555619.8	4202418.6	5.4	4.15	3.95	3.26	YES	HRDOW
L0000710	0	0.68085E-02	555619.8	4202427.1	5.4	4.15	3.95	3.26	YES	HRDOW
L0000711	0	0.68085E-02	555619.7	4202435.6	5.3	4.15	3.95	3.26	YES	HRDOW
L0000712	0	0.68085E-02	555619.7	4202444.1	5.3	4.15	3.95	3.26	YES	HRDOW
L0000713	0	0.68085E-02	555619.7	4202452.6	5.2	4.15	3.95	3.26	YES	HRDOW
L0000714	0	0.44444E-02	556065.2	4202182.1	6.3	4.15	2.56	3.26	YES	HRDOW
L0000715	0	0.44444E-02	556060.6	4202179.1	6.3	4.15	2.56	3.26	YES	HRDOW
L0000716	0	0.44444E-02	556055.9	4202176.2	6.3	4.15	2.56	3.26	YES	HRDOW
L0000717	0	0.44444E-02	556051.3	4202173.3	6.3	4.15	2.56	3.26	YES	HRDOW
L0000718	0	0.44444E-02	556046.6	4202170.3	6.3	4.15	2.56	3.26	YES	HRDOW
L0000719	0	0.44444E-02	556041.5	4202168.3	6.3	4.15	2.56	3.26	YES	HRDOW
L0000720	0	0.44444E-02	556036.4	4202166.4	6.3	4.15	2.56	3.26	YES	HRDOW
L0000721	0	0.44444E-02	556031.2	4202164.4	6.4	4.15	2.56	3.26	YES	HRDOW
L0000722	0	0.44444E-02	556026.1	4202162.4	6.4	4.15	2.56	3.26	YES	HRDOW
L0000723	0	0.44444E-02	556020.9	4202160.4	6.4	4.15	2.56	3.26	YES	HRDOW
L0000724	0	0.44444E-02	556015.7	4202158.8	6.4	4.15	2.56	3.26	YES	HRDOW
L0000725	0	0.44444E-02	556010.4	4202157.4	6.4	4.15	2.56	3.26	YES	HRDOW
L0000726	0	0.44444E-02	556005.1	4202155.9	6.3	4.15	2.56	3.26	YES	HRDOW
L0000727	0	0.44444E-02	555999.8	4202154.5	6.3	4.15	2.56	3.26	YES	HRDOW
L0000728	0	0.44444E-02	555994.4	4202153.4	6.3	4.15	2.56	3.26	YES	HRDOW
L0000729	0	0.44444E-02	555988.9	4202152.8	6.3	4.15	2.56	3.26	YES	HRDOW
L0000730	0	0.44444E-02	555983.5	4202152.2	6.2	4.15	2.56	3.26	YES	HRDOW
L0000731	0	0.44444E-02	555978.0	4202151.6	6.2	4.15	2.56	3.26	YES	HRDOW
L0000732	0	0.44444E-02	555972.5	4202150.9	6.2	4.15	2.56	3.26	YES	HRDOW
L0000733	0	0.44444E-02	555967.1	4202150.3	6.1	4.15	2.56	3.26	YES	HRDOW

Model Output - School Receptors
Unit Emission Rates (1 g/s)

L0000734	0	0.44444E-02	555961.6	4202150.1	6.1	4.15	2.56	3.26	YES	HRDOW
L0000735	0	0.44444E-02	555956.1	4202150.2	6.1	4.15	2.56	3.26	YES	HRDOW
L0000736	0	0.44444E-02	555950.6	4202150.2	6.1	4.15	2.56	3.26	YES	HRDOW
L0000737	0	0.44444E-02	555945.1	4202150.3	6.0	4.15	2.56	3.26	YES	HRDOW
L0000738	0	0.44444E-02	555939.6	4202150.3	6.0	4.15	2.56	3.26	YES	HRDOW
L0000739	0	0.44444E-02	555934.1	4202150.3	6.0	4.15	2.56	3.26	YES	HRDOW

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000740	0	0.44444E-02	555928.6	4202150.4	5.9	4.15	2.56	3.26	YES	HRDOW
L0000741	0	0.44444E-02	555923.1	4202150.4	5.9	4.15	2.56	3.26	YES	HRDOW
L0000742	0	0.44444E-02	555917.6	4202150.4	5.9	4.15	2.56	3.26	YES	HRDOW
L0000743	0	0.44444E-02	555912.1	4202150.5	5.8	4.15	2.56	3.26	YES	HRDOW
L0000744	0	0.44444E-02	555906.6	4202150.5	5.8	4.15	2.56	3.26	YES	HRDOW
L0000745	0	0.44444E-02	555901.1	4202150.5	5.7	4.15	2.56	3.26	YES	HRDOW
L0000746	0	0.44444E-02	555895.6	4202150.6	5.7	4.15	2.56	3.26	YES	HRDOW
L0000747	0	0.44444E-02	555890.1	4202150.6	5.7	4.15	2.56	3.26	YES	HRDOW
L0000748	0	0.44444E-02	555884.6	4202150.6	5.6	4.15	2.56	3.26	YES	HRDOW
L0000749	0	0.44444E-02	555879.1	4202150.7	5.6	4.15	2.56	3.26	YES	HRDOW
L0000750	0	0.44444E-02	555873.6	4202150.7	5.6	4.15	2.56	3.26	YES	HRDOW
L0000751	0	0.44444E-02	555868.1	4202150.7	5.6	4.15	2.56	3.26	YES	HRDOW
L0000752	0	0.44444E-02	555862.6	4202150.8	5.5	4.15	2.56	3.26	YES	HRDOW
L0000753	0	0.44444E-02	555857.1	4202150.8	5.5	4.15	2.56	3.26	YES	HRDOW
L0000754	0	0.44444E-02	555851.6	4202150.8	5.5	4.15	2.56	3.26	YES	HRDOW
L0000755	0	0.44444E-02	555846.1	4202150.9	5.5	4.15	2.56	3.26	YES	HRDOW
L0000756	0	0.44444E-02	555840.6	4202150.9	5.4	4.15	2.56	3.26	YES	HRDOW
L0000757	0	0.44444E-02	555835.1	4202150.9	5.4	4.15	2.56	3.26	YES	HRDOW
L0000758	0	0.44444E-02	555829.6	4202151.0	5.4	4.15	2.56	3.26	YES	HRDOW
L0000759	0	0.44444E-02	555824.1	4202151.0	5.4	4.15	2.56	3.26	YES	HRDOW
L0000760	0	0.44444E-02	555818.6	4202151.0	5.4	4.15	2.56	3.26	YES	HRDOW
L0000761	0	0.44444E-02	555813.1	4202151.1	5.4	4.15	2.56	3.26	YES	HRDOW
L0000762	0	0.44444E-02	555807.6	4202151.1	5.4	4.15	2.56	3.26	YES	HRDOW
L0000763	0	0.44444E-02	555802.1	4202151.1	5.4	4.15	2.56	3.26	YES	HRDOW
L0000764	0	0.44444E-02	555796.6	4202151.2	5.4	4.15	2.56	3.26	YES	HRDOW
L0000765	0	0.44444E-02	555791.1	4202151.2	5.4	4.15	2.56	3.26	YES	HRDOW
L0000766	0	0.44444E-02	555785.6	4202151.2	5.4	4.15	2.56	3.26	YES	HRDOW
L0000767	0	0.44444E-02	555780.1	4202151.3	5.4	4.15	2.56	3.26	YES	HRDOW
L0000768	0	0.44444E-02	555774.6	4202151.3	5.4	4.15	2.56	3.26	YES	HRDOW
L0000769	0	0.44444E-02	555769.1	4202151.4	5.4	4.15	2.56	3.26	YES	HRDOW
L0000770	0	0.44444E-02	555763.6	4202151.4	5.4	4.15	2.56	3.26	YES	HRDOW
L0000771	0	0.44444E-02	555758.1	4202151.4	5.4	4.15	2.56	3.26	YES	HRDOW

Model Output - School Receptors
Unit Emission Rates (1 g/s)

L0000772	0	0.44444E-02	555752.6	4202151.5	5.4	4.15	2.56	3.26	YES	HRDOW
L0000773	0	0.44444E-02	555747.1	4202151.5	5.4	4.15	2.56	3.26	YES	HRDOW
L0000774	0	0.44444E-02	555741.6	4202151.5	5.4	4.15	2.56	3.26	YES	HRDOW
L0000775	0	0.44444E-02	555736.1	4202151.6	5.4	4.15	2.56	3.26	YES	HRDOW
L0000776	0	0.44444E-02	555730.6	4202151.6	5.4	4.15	2.56	3.26	YES	HRDOW
L0000777	0	0.44444E-02	555725.1	4202151.6	5.4	4.15	2.56	3.26	YES	HRDOW
L0000778	0	0.44444E-02	555719.6	4202151.7	5.4	4.15	2.56	3.26	YES	HRDOW
L0000779	0	0.44444E-02	555714.1	4202151.7	5.4	4.15	2.56	3.26	YES	HRDOW

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** VOLUME SOURCE DATA ***

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L0000780	0	0.44444E-02	555708.6	4202151.7	5.4	4.15	2.56	3.26	YES	HRDOW
L0000781	0	0.44444E-02	555703.1	4202151.8	5.4	4.15	2.56	3.26	YES	HRDOW
L0000782	0	0.44444E-02	555697.6	4202151.8	5.4	4.15	2.56	3.26	YES	HRDOW
L0000783	0	0.44444E-02	555692.1	4202151.8	5.4	4.15	2.56	3.26	YES	HRDOW
L0000784	0	0.44444E-02	555686.6	4202151.9	5.4	4.15	2.56	3.26	YES	HRDOW
L0000785	0	0.44444E-02	555681.1	4202151.9	5.4	4.15	2.56	3.26	YES	HRDOW
L0000786	0	0.44444E-02	555675.6	4202151.9	5.4	4.15	2.56	3.26	YES	HRDOW
L0000787	0	0.44444E-02	555670.1	4202152.0	5.4	4.15	2.56	3.26	YES	HRDOW
L0000788	0	0.44444E-02	555664.6	4202152.0	5.4	4.15	2.56	3.26	YES	HRDOW
L0000789	0	0.44444E-02	555659.1	4202152.0	5.4	4.15	2.56	3.26	YES	HRDOW
L0000790	0	0.44444E-02	555653.6	4202152.1	5.4	4.15	2.56	3.26	YES	HRDOW
L0000791	0	0.44444E-02	555648.1	4202152.1	5.4	4.15	2.56	3.26	YES	HRDOW
L0000792	0	0.44444E-02	555642.6	4202152.1	5.4	4.15	2.56	3.26	YES	HRDOW
L0000793	0	0.44444E-02	555637.1	4202152.2	5.4	4.15	2.56	3.26	YES	HRDOW
L0000794	0	0.44444E-02	555631.6	4202152.2	5.4	4.15	2.56	3.26	YES	HRDOW
L0000445	0	0.68085E-02	555368.6	4201912.4	4.7	0.60	3.95	3.26	YES	HRDOW
L0000446	0	0.68085E-02	555377.1	4201912.4	4.8	0.60	3.95	3.26	YES	HRDOW
L0000447	0	0.68085E-02	555385.6	4201912.4	4.8	0.60	3.95	3.26	YES	HRDOW
L0000448	0	0.68085E-02	555394.1	4201912.5	4.8	0.60	3.95	3.26	YES	HRDOW
L0000449	0	0.68085E-02	555402.6	4201912.5	4.8	0.60	3.95	3.26	YES	HRDOW
L0000450	0	0.68085E-02	555411.1	4201912.6	4.8	0.60	3.95	3.26	YES	HRDOW
L0000451	0	0.68085E-02	555419.6	4201912.6	4.8	0.60	3.95	3.26	YES	HRDOW
L0000452	0	0.68085E-02	555428.1	4201912.7	4.8	0.60	3.95	3.26	YES	HRDOW
L0000453	0	0.68085E-02	555436.6	4201912.7	4.9	0.60	3.95	3.26	YES	HRDOW
L0000454	0	0.68085E-02	555445.1	4201912.7	4.9	0.60	3.95	3.26	YES	HRDOW
L0000455	0	0.68085E-02	555453.6	4201912.8	4.9	0.60	3.95	3.26	YES	HRDOW
L0000456	0	0.68085E-02	555462.1	4201912.8	4.9	0.60	3.95	3.26	YES	HRDOW
L0000457	0	0.68085E-02	555470.6	4201912.9	5.0	0.60	3.95	3.26	YES	HRDOW
L0000458	0	0.68085E-02	555479.1	4201912.9	5.0	0.60	3.95	3.26	YES	HRDOW
L0000459	0	0.68085E-02	555487.6	4201913.0	5.0	0.60	3.95	3.26	YES	HRDOW

Model Output - School Receptors
Unit Emission Rates (1 g/s)

L0000460	0	0.68085E-02	555496.1	4201913.0	5.0	0.60	3.95	3.26	YES	HRDOW
L0000461	0	0.68085E-02	555504.6	4201913.1	5.0	0.60	3.95	3.26	YES	HRDOW
L0000462	0	0.68085E-02	555513.1	4201913.1	5.0	0.60	3.95	3.26	YES	HRDOW
L0000463	0	0.68085E-02	555521.6	4201913.1	5.0	0.60	3.95	3.26	YES	HRDOW
L0000464	0	0.68085E-02	555530.1	4201913.2	5.1	0.60	3.95	3.26	YES	HRDOW
L0000465	0	0.68085E-02	555538.6	4201913.2	5.1	0.60	3.95	3.26	YES	HRDOW
L0000466	0	0.68085E-02	555547.1	4201913.3	5.1	0.60	3.95	3.26	YES	HRDOW
L0000467	0	0.68085E-02	555555.6	4201913.3	5.1	0.60	3.95	3.26	YES	HRDOW
L0000468	0	0.68085E-02	555564.1	4201913.4	5.2	0.60	3.95	3.26	YES	HRDOW
L0000469	0	0.68085E-02	555572.6	4201913.4	5.2	0.60	3.95	3.26	YES	HRDOW

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000470	0	0.68085E-02	555581.1	4201913.4	5.2	0.60	3.95	3.26	YES	HRDOW
L0000471	0	0.68085E-02	555589.6	4201913.5	5.2	0.60	3.95	3.26	YES	HRDOW
L0000472	0	0.68085E-02	555598.1	4201913.5	5.2	0.60	3.95	3.26	YES	HRDOW
L0000473	0	0.68085E-02	555606.6	4201913.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000474	0	0.68085E-02	555615.1	4201913.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000475	0	0.68085E-02	555619.7	4201917.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000476	0	0.68085E-02	555619.9	4201926.1	5.3	0.60	3.95	3.26	YES	HRDOW
L0000477	0	0.68085E-02	555620.1	4201934.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000478	0	0.68085E-02	555620.3	4201943.1	5.3	0.60	3.95	3.26	YES	HRDOW
L0000479	0	0.68085E-02	555620.5	4201951.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000480	0	0.68085E-02	555620.7	4201960.1	5.2	0.60	3.95	3.26	YES	HRDOW
L0000481	0	0.68085E-02	555620.9	4201968.5	5.2	0.60	3.95	3.26	YES	HRDOW
L0000482	0	0.68085E-02	555621.1	4201977.0	5.2	0.60	3.95	3.26	YES	HRDOW
L0000483	0	0.68085E-02	555621.2	4201985.5	5.2	0.60	3.95	3.26	YES	HRDOW
L0000484	0	0.68085E-02	555621.4	4201994.0	5.2	0.60	3.95	3.26	YES	HRDOW
L0000485	0	0.68085E-02	555621.6	4202002.5	5.2	0.60	3.95	3.26	YES	HRDOW
L0000486	0	0.68085E-02	555621.8	4202011.0	5.2	0.60	3.95	3.26	YES	HRDOW
L0000487	0	0.68085E-02	555622.0	4202019.5	5.2	0.60	3.95	3.26	YES	HRDOW
L0000488	0	0.68085E-02	555622.2	4202028.0	5.2	0.60	3.95	3.26	YES	HRDOW
L0000489	0	0.68085E-02	555622.4	4202036.5	5.2	0.60	3.95	3.26	YES	HRDOW
L0000490	0	0.68085E-02	555622.6	4202045.0	5.2	0.60	3.95	3.26	YES	HRDOW
L0000491	0	0.68085E-02	555622.8	4202053.5	5.2	0.60	3.95	3.26	YES	HRDOW
L0000492	0	0.68085E-02	555622.9	4202062.0	5.2	0.60	3.95	3.26	YES	HRDOW
L0000493	0	0.68085E-02	555623.1	4202070.5	5.2	0.60	3.95	3.26	YES	HRDOW
L0000494	0	0.68085E-02	555623.3	4202079.0	5.3	0.60	3.95	3.26	YES	HRDOW
L0000495	0	0.68085E-02	555623.5	4202087.5	5.3	0.60	3.95	3.26	YES	HRDOW
L0000496	0	0.68085E-02	555623.7	4202096.0	5.3	0.60	3.95	3.26	YES	HRDOW
L0000497	0	0.68085E-02	555623.9	4202104.5	5.3	0.60	3.95	3.26	YES	HRDOW

Model Output - School Receptors
Unit Emission Rates (1 g/s)

L0000498	0	0.68085E-02	555624.1	4202113.0	5.3	0.60	3.95	3.26	YES	HRDOW
L0000499	0	0.68085E-02	555624.3	4202121.5	5.4	0.60	3.95	3.26	YES	HRDOW
L0000500	0	0.68085E-02	555624.5	4202130.0	5.4	0.60	3.95	3.26	YES	HRDOW
L0000501	0	0.68085E-02	555624.6	4202138.5	5.4	0.60	3.95	3.26	YES	HRDOW
L0000502	0	0.68085E-02	555624.8	4202147.0	5.4	0.60	3.95	3.26	YES	HRDOW
L0000503	0	0.68085E-02	555623.0	4202155.3	5.4	0.60	3.95	3.26	YES	HRDOW
L0000504	0	0.68085E-02	555621.2	4202163.6	5.4	0.60	3.95	3.26	YES	HRDOW
L0000505	0	0.68085E-02	555620.9	4202172.1	5.4	0.60	3.95	3.26	YES	HRDOW
L0000506	0	0.68085E-02	555620.9	4202180.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000507	0	0.68085E-02	555620.8	4202189.1	5.3	0.60	3.95	3.26	YES	HRDOW
L0000508	0	0.68085E-02	555620.8	4202197.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000509	0	0.68085E-02	555620.8	4202206.1	5.3	0.60	3.95	3.26	YES	HRDOW

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000510	0	0.68085E-02	555620.7	4202214.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000511	0	0.68085E-02	555620.7	4202223.1	5.3	0.60	3.95	3.26	YES	HRDOW
L0000512	0	0.68085E-02	555620.6	4202231.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000513	0	0.68085E-02	555620.6	4202240.1	5.3	0.60	3.95	3.26	YES	HRDOW
L0000514	0	0.68085E-02	555620.6	4202248.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000515	0	0.68085E-02	555620.5	4202257.1	5.3	0.60	3.95	3.26	YES	HRDOW
L0000516	0	0.68085E-02	555620.5	4202265.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000517	0	0.68085E-02	555620.5	4202274.1	5.3	0.60	3.95	3.26	YES	HRDOW
L0000518	0	0.68085E-02	555620.4	4202282.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000519	0	0.68085E-02	555620.4	4202291.1	5.3	0.60	3.95	3.26	YES	HRDOW
L0000520	0	0.68085E-02	555620.3	4202299.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000521	0	0.68085E-02	555620.3	4202308.1	5.3	0.60	3.95	3.26	YES	HRDOW
L0000522	0	0.68085E-02	555620.3	4202316.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000523	0	0.68085E-02	555620.2	4202325.1	5.3	0.60	3.95	3.26	YES	HRDOW
L0000524	0	0.68085E-02	555620.2	4202333.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000525	0	0.68085E-02	555620.1	4202342.1	5.3	0.60	3.95	3.26	YES	HRDOW
L0000526	0	0.68085E-02	555620.1	4202350.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000527	0	0.68085E-02	555620.1	4202359.1	5.4	0.60	3.95	3.26	YES	HRDOW
L0000528	0	0.68085E-02	555620.0	4202367.6	5.1	0.60	3.95	3.26	YES	HRDOW
L0000529	0	0.68085E-02	555620.0	4202376.1	4.8	0.60	3.95	3.26	YES	HRDOW
L0000530	0	0.68085E-02	555620.0	4202384.6	4.8	0.60	3.95	3.26	YES	HRDOW
L0000531	0	0.68085E-02	555619.9	4202393.1	5.1	0.60	3.95	3.26	YES	HRDOW
L0000532	0	0.68085E-02	555619.9	4202401.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000533	0	0.68085E-02	555619.8	4202410.1	5.4	0.60	3.95	3.26	YES	HRDOW
L0000534	0	0.68085E-02	555619.8	4202418.6	5.4	0.60	3.95	3.26	YES	HRDOW
L0000535	0	0.68085E-02	555619.8	4202427.1	5.4	0.60	3.95	3.26	YES	HRDOW

Model Output - School Receptors
Unit Emission Rates (1 g/s)

L0000536	0	0.68085E-02	555619.7	4202435.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000537	0	0.68085E-02	555619.7	4202444.1	5.3	0.60	3.95	3.26	YES	HRDOW
L0000538	0	0.68085E-02	555619.7	4202452.6	5.2	0.60	3.95	3.26	YES	HRDOW
L0000539	0	0.44444E-02	556065.2	4202182.1	6.3	0.60	2.56	3.26	YES	HRDOW
L0000540	0	0.44444E-02	556060.6	4202179.1	6.3	0.60	2.56	3.26	YES	HRDOW
L0000541	0	0.44444E-02	556055.9	4202176.2	6.3	0.60	2.56	3.26	YES	HRDOW
L0000542	0	0.44444E-02	556051.3	4202173.3	6.3	0.60	2.56	3.26	YES	HRDOW
L0000543	0	0.44444E-02	556046.6	4202170.3	6.3	0.60	2.56	3.26	YES	HRDOW
L0000544	0	0.44444E-02	556041.5	4202168.3	6.3	0.60	2.56	3.26	YES	HRDOW
L0000545	0	0.44444E-02	556036.4	4202166.4	6.3	0.60	2.56	3.26	YES	HRDOW
L0000546	0	0.44444E-02	556031.2	4202164.4	6.4	0.60	2.56	3.26	YES	HRDOW
L0000547	0	0.44444E-02	556026.1	4202162.4	6.4	0.60	2.56	3.26	YES	HRDOW
L0000548	0	0.44444E-02	556020.9	4202160.4	6.4	0.60	2.56	3.26	YES	HRDOW
L0000549	0	0.44444E-02	556015.7	4202158.8	6.4	0.60	2.56	3.26	YES	HRDOW

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000550	0	0.44444E-02	556010.4	4202157.4	6.4	0.60	2.56	3.26	YES	HRDOW
L0000551	0	0.44444E-02	556005.1	4202155.9	6.3	0.60	2.56	3.26	YES	HRDOW
L0000552	0	0.44444E-02	555999.8	4202154.5	6.3	0.60	2.56	3.26	YES	HRDOW
L0000553	0	0.44444E-02	555994.4	4202153.4	6.3	0.60	2.56	3.26	YES	HRDOW
L0000554	0	0.44444E-02	555988.9	4202152.8	6.3	0.60	2.56	3.26	YES	HRDOW
L0000555	0	0.44444E-02	555983.5	4202152.2	6.2	0.60	2.56	3.26	YES	HRDOW
L0000556	0	0.44444E-02	555978.0	4202151.6	6.2	0.60	2.56	3.26	YES	HRDOW
L0000557	0	0.44444E-02	555972.5	4202150.9	6.2	0.60	2.56	3.26	YES	HRDOW
L0000558	0	0.44444E-02	555967.1	4202150.3	6.1	0.60	2.56	3.26	YES	HRDOW
L0000559	0	0.44444E-02	555961.6	4202150.1	6.1	0.60	2.56	3.26	YES	HRDOW
L0000560	0	0.44444E-02	555956.1	4202150.2	6.1	0.60	2.56	3.26	YES	HRDOW
L0000561	0	0.44444E-02	555950.6	4202150.2	6.1	0.60	2.56	3.26	YES	HRDOW
L0000562	0	0.44444E-02	555945.1	4202150.3	6.0	0.60	2.56	3.26	YES	HRDOW
L0000563	0	0.44444E-02	555939.6	4202150.3	6.0	0.60	2.56	3.26	YES	HRDOW
L0000564	0	0.44444E-02	555934.1	4202150.3	6.0	0.60	2.56	3.26	YES	HRDOW
L0000565	0	0.44444E-02	555928.6	4202150.4	5.9	0.60	2.56	3.26	YES	HRDOW
L0000566	0	0.44444E-02	555923.1	4202150.4	5.9	0.60	2.56	3.26	YES	HRDOW
L0000567	0	0.44444E-02	555917.6	4202150.4	5.9	0.60	2.56	3.26	YES	HRDOW
L0000568	0	0.44444E-02	555912.1	4202150.5	5.8	0.60	2.56	3.26	YES	HRDOW
L0000569	0	0.44444E-02	555906.6	4202150.5	5.8	0.60	2.56	3.26	YES	HRDOW
L0000570	0	0.44444E-02	555901.1	4202150.5	5.7	0.60	2.56	3.26	YES	HRDOW
L0000571	0	0.44444E-02	555895.6	4202150.6	5.7	0.60	2.56	3.26	YES	HRDOW
L0000572	0	0.44444E-02	555890.1	4202150.6	5.7	0.60	2.56	3.26	YES	HRDOW
L0000573	0	0.44444E-02	555884.6	4202150.6	5.6	0.60	2.56	3.26	YES	HRDOW

Model Output - School Receptors
Unit Emission Rates (1 g/s)

L0000574	0	0.44444E-02	555879.1	4202150.7	5.6	0.60	2.56	3.26	YES	HRDOW
L0000575	0	0.44444E-02	555873.6	4202150.7	5.6	0.60	2.56	3.26	YES	HRDOW
L0000576	0	0.44444E-02	555868.1	4202150.7	5.6	0.60	2.56	3.26	YES	HRDOW
L0000577	0	0.44444E-02	555862.6	4202150.8	5.5	0.60	2.56	3.26	YES	HRDOW
L0000578	0	0.44444E-02	555857.1	4202150.8	5.5	0.60	2.56	3.26	YES	HRDOW
L0000579	0	0.44444E-02	555851.6	4202150.8	5.5	0.60	2.56	3.26	YES	HRDOW
L0000580	0	0.44444E-02	555846.1	4202150.9	5.5	0.60	2.56	3.26	YES	HRDOW
L0000581	0	0.44444E-02	555840.6	4202150.9	5.4	0.60	2.56	3.26	YES	HRDOW
L0000582	0	0.44444E-02	555835.1	4202150.9	5.4	0.60	2.56	3.26	YES	HRDOW
L0000583	0	0.44444E-02	555829.6	4202151.0	5.4	0.60	2.56	3.26	YES	HRDOW
L0000584	0	0.44444E-02	555824.1	4202151.0	5.4	0.60	2.56	3.26	YES	HRDOW
L0000585	0	0.44444E-02	555818.6	4202151.0	5.4	0.60	2.56	3.26	YES	HRDOW
L0000586	0	0.44444E-02	555813.1	4202151.1	5.4	0.60	2.56	3.26	YES	HRDOW
L0000587	0	0.44444E-02	555807.6	4202151.1	5.4	0.60	2.56	3.26	YES	HRDOW
L0000588	0	0.44444E-02	555802.1	4202151.1	5.4	0.60	2.56	3.26	YES	HRDOW
L0000589	0	0.44444E-02	555796.6	4202151.2	5.4	0.60	2.56	3.26	YES	HRDOW

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000590	0	0.44444E-02	555791.1	4202151.2	5.4	0.60	2.56	3.26	YES	HRDOW
L0000591	0	0.44444E-02	555785.6	4202151.2	5.4	0.60	2.56	3.26	YES	HRDOW
L0000592	0	0.44444E-02	555780.1	4202151.3	5.4	0.60	2.56	3.26	YES	HRDOW
L0000593	0	0.44444E-02	555774.6	4202151.3	5.4	0.60	2.56	3.26	YES	HRDOW
L0000594	0	0.44444E-02	555769.1	4202151.4	5.4	0.60	2.56	3.26	YES	HRDOW
L0000595	0	0.44444E-02	555763.6	4202151.4	5.4	0.60	2.56	3.26	YES	HRDOW
L0000596	0	0.44444E-02	555758.1	4202151.4	5.4	0.60	2.56	3.26	YES	HRDOW
L0000597	0	0.44444E-02	555752.6	4202151.5	5.4	0.60	2.56	3.26	YES	HRDOW
L0000598	0	0.44444E-02	555747.1	4202151.5	5.4	0.60	2.56	3.26	YES	HRDOW
L0000599	0	0.44444E-02	555741.6	4202151.5	5.4	0.60	2.56	3.26	YES	HRDOW
L0000600	0	0.44444E-02	555736.1	4202151.6	5.4	0.60	2.56	3.26	YES	HRDOW
L0000601	0	0.44444E-02	555730.6	4202151.6	5.4	0.60	2.56	3.26	YES	HRDOW
L0000602	0	0.44444E-02	555725.1	4202151.6	5.4	0.60	2.56	3.26	YES	HRDOW
L0000603	0	0.44444E-02	555719.6	4202151.7	5.4	0.60	2.56	3.26	YES	HRDOW
L0000604	0	0.44444E-02	555714.1	4202151.7	5.4	0.60	2.56	3.26	YES	HRDOW
L0000605	0	0.44444E-02	555708.6	4202151.7	5.4	0.60	2.56	3.26	YES	HRDOW
L0000606	0	0.44444E-02	555703.1	4202151.8	5.4	0.60	2.56	3.26	YES	HRDOW
L0000607	0	0.44444E-02	555697.6	4202151.8	5.4	0.60	2.56	3.26	YES	HRDOW
L0000608	0	0.44444E-02	555692.1	4202151.8	5.4	0.60	2.56	3.26	YES	HRDOW
L0000609	0	0.44444E-02	555686.6	4202151.9	5.4	0.60	2.56	3.26	YES	HRDOW
L0000610	0	0.44444E-02	555681.1	4202151.9	5.4	0.60	2.56	3.26	YES	HRDOW
L0000611	0	0.44444E-02	555675.6	4202151.9	5.4	0.60	2.56	3.26	YES	HRDOW

Model Output - School Receptors
Unit Emission Rates (1 g/s)

L0000612	0	0.44444E-02	555670.1	4202152.0	5.4	0.60	2.56	3.26	YES	HRDOW
L0000613	0	0.44444E-02	555664.6	4202152.0	5.4	0.60	2.56	3.26	YES	HRDOW
L0000614	0	0.44444E-02	555659.1	4202152.0	5.4	0.60	2.56	3.26	YES	HRDOW
L0000615	0	0.44444E-02	555653.6	4202152.1	5.4	0.60	2.56	3.26	YES	HRDOW
L0000616	0	0.44444E-02	555648.1	4202152.1	5.4	0.60	2.56	3.26	YES	HRDOW
L0000617	0	0.44444E-02	555642.6	4202152.1	5.4	0.60	2.56	3.26	YES	HRDOW
L0000618	0	0.44444E-02	555637.1	4202152.2	5.4	0.60	2.56	3.26	YES	HRDOW
L0000619	0	0.44444E-02	555631.6	4202152.2	5.4	0.60	2.56	3.26	YES	HRDOW

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
VANIDLE1	0	0.20386E-03	555723.7	4202072.7	5.3	0.60	201.17	12.19	0.00	0.00	YES	HRDOW
VANIDLE2	0	0.20386E-03	555723.0	4201969.2	5.6	0.60	201.17	12.19	0.00	0.00	YES	HRDOW

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
PAREA1	0	0.16817E-03	555960.4	4202139.4	6.1	4.15	11	1.93	YES	HRDOW
PAREA2	0	0.14202E-04	555632.0	4201912.5	5.3	0.60	53	0.00	YES	HRDOW
PAREA3	0	0.14268E-04	555708.2	4202138.3	5.4	0.60	28	0.00	YES	HRDOW

Model Output - School Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
TRUCKRTE	L0000620 , L0000621 , L0000622 , L0000623 , L0000624 , L0000625 , L0000626 , L0000627 ,
	L0000628 , L0000629 , L0000630 , L0000631 , L0000632 , L0000633 , L0000634 , L0000635 ,
	L0000636 , L0000637 , L0000638 , L0000639 , L0000640 , L0000641 , L0000642 , L0000643 ,
	L0000644 , L0000645 , L0000646 , L0000647 , L0000648 , L0000649 , L0000650 , L0000651 ,
	L0000652 , L0000653 , L0000654 , L0000655 , L0000656 , L0000657 , L0000658 , L0000659 ,
	L0000660 , L0000661 , L0000662 , L0000663 , L0000664 , L0000665 , L0000666 , L0000667 ,
	L0000668 , L0000669 , L0000670 , L0000671 , L0000672 , L0000673 , L0000674 , L0000675 ,
	L0000676 , L0000677 , L0000678 , L0000679 , L0000680 , L0000681 , L0000682 , L0000683 ,
	L0000684 , L0000685 , L0000686 , L0000687 , L0000688 , L0000689 , L0000690 , L0000691 ,
	L0000692 , L0000693 , L0000694 , L0000695 , L0000696 , L0000697 , L0000698 , L0000699 ,
	L0000700 , L0000701 , L0000702 , L0000703 , L0000704 , L0000705 , L0000706 , L0000707 ,
	L0000708 , L0000709 , L0000710 , L0000711 , L0000712 , L0000713 , L0000714 , L0000715 ,
	L0000716 , L0000717 , L0000718 , L0000719 , L0000720 , L0000721 , L0000722 , L0000723 ,
	L0000724 , L0000725 , L0000726 , L0000727 , L0000728 , L0000729 , L0000730 , L0000731 ,
	L0000732 , L0000733 , L0000734 , L0000735 , L0000736 , L0000737 , L0000738 , L0000739 ,
	L0000740 , L0000741 , L0000742 , L0000743 , L0000744 , L0000745 , L0000746 , L0000747 ,
	L0000748 , L0000749 , L0000750 , L0000751 , L0000752 , L0000753 , L0000754 , L0000755 ,
	L0000756 , L0000757 , L0000758 , L0000759 , L0000760 , L0000761 , L0000762 , L0000763 ,
	L0000764 , L0000765 , L0000766 , L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
	L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000778 , L0000779 ,

Model Output - School Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0000780 , L0000781 , L0000782 , L0000783 , L0000784 , L0000785 , L0000786 , L0000787 ,
	L0000788 , L0000789 , L0000790 , L0000791 , L0000792 , L0000793 , L0000794 ,
VANRTE	L0000445 , L0000446 , L0000447 , L0000448 , L0000449 , L0000450 , L0000451 , L0000452 ,
	L0000453 , L0000454 , L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 ,
	L0000461 , L0000462 , L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 ,
	L0000469 , L0000470 , L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 ,
	L0000477 , L0000478 , L0000479 , L0000480 , L0000481 , L0000482 , L0000483 , L0000484 ,
	L0000485 , L0000486 , L0000487 , L0000488 , L0000489 , L0000490 , L0000491 , L0000492 ,
	L0000493 , L0000494 , L0000495 , L0000496 , L0000497 , L0000498 , L0000499 , L0000500 ,
	L0000501 , L0000502 , L0000503 , L0000504 , L0000505 , L0000506 , L0000507 , L0000508 ,
	L0000509 , L0000510 , L0000511 , L0000512 , L0000513 , L0000514 , L0000515 , L0000516 ,
	L0000517 , L0000518 , L0000519 , L0000520 , L0000521 , L0000522 , L0000523 , L0000524 ,
	L0000525 , L0000526 , L0000527 , L0000528 , L0000529 , L0000530 , L0000531 , L0000532 ,
	L0000533 , L0000534 , L0000535 , L0000536 , L0000537 , L0000538 , L0000539 , L0000540 ,
	L0000541 , L0000542 , L0000543 , L0000544 , L0000545 , L0000546 , L0000547 , L0000548 ,
	L0000549 , L0000550 , L0000551 , L0000552 , L0000553 , L0000554 , L0000555 , L0000556 ,
	L0000557 , L0000558 , L0000559 , L0000560 , L0000561 , L0000562 , L0000563 , L0000564 ,
	L0000565 , L0000566 , L0000567 , L0000568 , L0000569 , L0000570 , L0000571 , L0000572 ,
	L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , L0000579 , L0000580 ,
	L0000581 , L0000582 , L0000583 , L0000584 , L0000585 , L0000586 , L0000587 , L0000588 ,

Model Output - School Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0000589 , L0000590 , L0000591 , L0000592 , L0000593 , L0000594 , L0000595 , L0000596 ,
	L0000597 , L0000598 , L0000599 , L0000600 , L0000601 , L0000602 , L0000603 , L0000604 ,
	L0000605 , L0000606 , L0000607 , L0000608 , L0000609 , L0000610 , L0000611 , L0000612 ,
	L0000613 , L0000614 , L0000615 , L0000616 , L0000617 , L0000618 , L0000619 ,
TRUCKRUN	PAREA1 ,
TRUCKIDL	STCK1 , STCK2 , STCK3 , STCK4 , STCK5 , STCK6 , STCK7 , STCK8 ,
	STCK9 , STCK10 , STCK11 , STCK12 , STCK13 , STCK14 , STCK15 ,
DELIVVAN	PAREA2 , PAREA3 ,
VANIDLE	VANIDLE1 , VANIDLE2 ,

Model Output - School Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	217853.	L0000620 , L0000621 , L0000622 , L0000623 , L0000624 , L0000625 , L0000626 , L0000627 ,
		L0000628 , L0000629 , L0000630 , L0000631 , L0000632 , L0000633 , L0000634 , L0000635 ,
		L0000636 , L0000637 , L0000638 , L0000639 , L0000640 , L0000641 , L0000642 , L0000643 ,
		L0000644 , L0000645 , L0000646 , L0000647 , L0000648 , L0000649 , L0000650 , L0000651 ,
		L0000652 , L0000653 , L0000654 , L0000655 , L0000656 , L0000657 , L0000658 , L0000659 ,
		L0000660 , L0000661 , L0000662 , L0000663 , L0000664 , L0000665 , L0000666 , L0000667 ,
		L0000668 , L0000669 , L0000670 , L0000671 , L0000672 , L0000673 , L0000674 , L0000675 ,
		L0000676 , L0000677 , L0000678 , L0000679 , L0000680 , L0000681 , L0000682 , L0000683 ,
		L0000684 , L0000685 , L0000686 , L0000687 , L0000688 , L0000689 , L0000690 , L0000691 ,
		L0000692 , L0000693 , L0000694 , L0000695 , L0000696 , L0000697 , L0000698 , L0000699 ,
		L0000700 , L0000701 , L0000702 , L0000703 , L0000704 , L0000705 , L0000706 , L0000707 ,
		L0000708 , L0000709 , L0000710 , L0000711 , L0000712 , L0000713 , L0000714 , L0000715 ,
		L0000716 , L0000717 , L0000718 , L0000719 , L0000720 , L0000721 , L0000722 , L0000723 ,
		L0000724 , L0000725 , L0000726 , L0000727 , L0000728 , L0000729 , L0000730 , L0000731 ,
		L0000732 , L0000733 , L0000734 , L0000735 , L0000736 , L0000737 , L0000738 , L0000739 ,
		L0000740 , L0000741 , L0000742 , L0000743 , L0000744 , L0000745 , L0000746 , L0000747 ,
		L0000748 , L0000749 , L0000750 , L0000751 , L0000752 , L0000753 , L0000754 , L0000755 ,
		L0000756 , L0000757 , L0000758 , L0000759 , L0000760 , L0000761 , L0000762 , L0000763 , L0000764 , L0000765 , L0000766 , L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
		L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000778 , L0000779 ,

Model Output - School Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
		L0000780 , L0000781 , L0000782 , L0000783 , L0000784 , L0000785 , L0000786 , L0000787 ,
		L0000788 , L0000789 , L0000790 , L0000791 , L0000792 , L0000793 , L0000794 , L0000445 ,
		L0000446 , L0000447 , L0000448 , L0000449 , L0000450 , L0000451 , L0000452 , L0000453 ,
		L0000454 , L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 ,
		L0000462 , L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 ,
		L0000470 , L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 ,
		L0000478 , L0000479 , L0000480 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 ,
		L0000486 , L0000487 , L0000488 , L0000489 , L0000490 , L0000491 , L0000492 , L0000493 ,
		L0000494 , L0000495 , L0000496 , L0000497 , L0000498 , L0000499 , L0000500 , L0000501 ,
		L0000502 , L0000503 , L0000504 , L0000505 , L0000506 , L0000507 , L0000508 , L0000509 ,
		L0000510 , L0000511 , L0000512 , L0000513 , L0000514 , L0000515 , L0000516 , L0000517 ,
		L0000518 , L0000519 , L0000520 , L0000521 , L0000522 , L0000523 , L0000524 , L0000525 ,
		L0000526 , L0000527 , L0000528 , L0000529 , L0000530 , L0000531 , L0000532 , L0000533 ,
		L0000534 , L0000535 , L0000536 , L0000537 , L0000538 , L0000539 , L0000540 , L0000541 ,
		L0000542 , L0000543 , L0000544 , L0000545 , L0000546 , L0000547 , L0000548 , L0000549 ,
		L0000550 , L0000551 , L0000552 , L0000553 , L0000554 , L0000555 , L0000556 , L0000557 ,
		L0000558 , L0000559 , L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 ,
		L0000566 , L0000567 , L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 ,
		L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 ,
		L0000582 , L0000583 , L0000584 , L0000585 , L0000586 , L0000587 , L0000588 , L0000589 ,

Model Output - School Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
		L0000590 , L0000591 , L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 ,
		L0000598 , L0000599 , L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 ,
		L0000606 , L0000607 , L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 ,
		L0000614 , L0000615 , L0000616 , L0000617 , L0000618 , L0000619 , PAREA1 , PAREA2 ,
		PAREA3 , STCK1 , STCK2 , STCK3 , STCK4 , STCK5 , STCK6 , STCK7 ,
		STCK8 , STCK9 , STCK10 , STCK11 , STCK12 , STCK13 , STCK14 , STCK15 ,
		VANIDLE1 , VANIDLE2 ,

Model Output - School Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK1

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	15.2,	233.5,	116.9,	-106.2,	122.3,	2	15.2,	236.8,	150.9,	-143.7,	112.2,
3	15.2,	232.9,	180.3,	-176.8,	98.6,	4	15.2,	221.9,	204.2,	-204.6,	82.1,
5	15.2,	204.2,	221.9,	-226.2,	63.0,	6	15.2,	180.3,	232.9,	-240.8,	42.1,
7	15.2,	150.9,	236.8,	-248.2,	19.9,	8	15.2,	116.9,	233.5,	-248.0,	-3.0,
9	15.2,	79.4,	223.1,	-240.3,	-25.8,	10	15.2,	116.9,	233.5,	-239.1,	-47.7,
11	15.2,	150.9,	236.8,	-230.6,	-68.2,	12	15.2,	180.3,	232.9,	-215.1,	-86.7,
13	15.2,	204.2,	221.9,	-193.1,	-102.5,	14	15.2,	221.9,	204.2,	-165.2,	-115.2,
15	0.0,	0.0,	0.0,	0.0,	0.0,	16	0.0,	0.0,	0.0,	0.0,	0.0,
17	0.0,	0.0,	0.0,	0.0,	0.0,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	15.2,	233.5,	116.9,	-10.7,	-122.3,	20	15.2,	236.8,	150.9,	-7.2,	-112.2,
21	15.2,	232.9,	180.3,	-3.4,	-98.6,	22	15.2,	221.9,	204.2,	0.4,	-82.1,
23	15.2,	204.2,	221.9,	4.2,	-63.0,	24	15.2,	180.3,	232.9,	8.0,	-42.1,
25	15.2,	150.9,	236.8,	11.4,	-19.9,	26	15.2,	116.9,	233.5,	14.6,	3.0,
27	15.2,	79.4,	223.1,	17.2,	25.8,	28	15.2,	116.9,	233.5,	5.6,	47.7,
29	15.2,	150.9,	236.8,	-6.2,	68.2,	30	15.2,	180.3,	232.9,	-17.8,	86.7,
31	15.2,	204.2,	221.9,	-28.9,	102.5,	32	15.2,	221.9,	204.2,	-39.0,	115.2,
33	0.0,	0.0,	0.0,	0.0,	0.0,	34	0.0,	0.0,	0.0,	0.0,	0.0,
35	0.0,	0.0,	0.0,	0.0,	0.0,	36	0.0,	0.0,	0.0,	0.0,	0.0,

SOURCE ID: STCK2

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	15.2,	233.5,	116.9,	-102.4,	123.0,	2	15.2,	236.8,	150.9,	-140.1,	113.5,
3	15.2,	232.9,	180.3,	-173.5,	100.6,	4	15.2,	221.9,	204.2,	-201.7,	84.6,
5	15.2,	204.2,	221.9,	-223.7,	66.0,	6	15.2,	180.3,	232.9,	-238.9,	45.4,
7	15.2,	150.9,	236.8,	-246.9,	23.4,	8	15.2,	116.9,	233.5,	-247.4,	0.8,
9	15.2,	79.4,	223.1,	-240.3,	-21.9,	10	15.2,	116.9,	233.5,	-239.7,	-43.9,
11	15.2,	150.9,	236.8,	-231.9,	-64.6,	12	15.2,	180.3,	232.9,	-217.0,	-83.4,
13	15.2,	204.2,	221.9,	-195.5,	-99.6,	14	15.2,	221.9,	204.2,	-168.1,	-112.7,
15	15.2,	232.9,	180.3,	-135.5,	-122.5,	16	0.0,	0.0,	0.0,	0.0,	0.0,
17	0.0,	0.0,	0.0,	0.0,	0.0,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	15.2,	233.5,	116.9,	-14.5,	-123.0,	20	15.2,	236.8,	150.9,	-10.8,	-113.5,
21	15.2,	232.9,	180.3,	-6.8,	-100.6,	22	15.2,	221.9,	204.2,	-2.5,	-84.6,
23	15.2,	204.2,	221.9,	1.8,	-66.0,	24	15.2,	180.3,	232.9,	6.0,	-45.4,
25	15.2,	150.9,	236.8,	10.1,	-23.4,	26	15.2,	116.9,	233.5,	13.9,	-0.8,
27	15.2,	79.4,	223.1,	17.2,	21.9,	28	15.2,	116.9,	233.5,	6.3,	43.9,
29	15.2,	150.9,	236.8,	-4.9,	64.6,	30	15.2,	180.3,	232.9,	-15.9,	83.4,
31	15.2,	204.2,	221.9,	-26.4,	99.6,	32	15.2,	221.9,	204.2,	-36.1,	112.7,
33	15.2,	232.9,	180.3,	-44.7,	122.5,	34	0.0,	0.0,	0.0,	0.0,	0.0,
35	0.0,	0.0,	0.0,	0.0,	0.0,	36	0.0,	0.0,	0.0,	0.0,	0.0,

Model Output - School Receptors
Unit Emission Rates (1 g/s)

SOURCE ID: STCK3

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	15.2,	233.5,	116.9,	-98.1,	123.8,	2	15.2,	236.8,	150.9,	-136.0,	115.0,
3	15.2,	232.9,	180.3,	-169.7,	102.8,	4	15.2,	221.9,	204.2,	-198.3,	87.4,
5	15.2,	204.2,	221.9,	-220.9,	69.3,	6	15.2,	180.3,	232.9,	-236.7,	49.2,
7	15.2,	150.9,	236.8,	-245.4,	27.6,	8	15.2,	116.9,	233.5,	-246.6,	5.1,
9	15.2,	79.4,	223.1,	-240.3,	-17.6,	10	15.2,	116.9,	233.5,	-240.5,	-39.6,
11	15.2,	150.9,	236.8,	-233.4,	-60.5,	12	15.2,	180.3,	232.9,	-219.2,	-79.6,
13	15.2,	204.2,	221.9,	-198.3,	-96.2,	14	15.2,	221.9,	204.2,	-171.4,	-109.9,
15	15.2,	232.9,	180.3,	-139.3,	-120.3,	16	0.0,	0.0,	0.0,	0.0,	0.0,
17	0.0,	0.0,	0.0,	0.0,	0.0,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	15.2,	233.5,	116.9,	-18.8,	-123.8,	20	15.2,	236.8,	150.9,	-14.9,	-115.0,
21	15.2,	232.9,	180.3,	-10.6,	-102.8,	22	15.2,	221.9,	204.2,	-5.9,	-87.4,
23	15.2,	204.2,	221.9,	-1.0,	-69.3,	24	15.2,	180.3,	232.9,	3.9,	-49.2,
25	15.2,	150.9,	236.8,	8.6,	-27.6,	26	15.2,	116.9,	233.5,	13.1,	-5.1,
27	15.2,	79.4,	223.1,	17.2,	17.6,	28	15.2,	116.9,	233.5,	7.0,	39.6,
29	15.2,	150.9,	236.8,	-3.4,	60.5,	30	15.2,	180.3,	232.9,	-13.7,	79.6,
31	15.2,	204.2,	221.9,	-23.6,	96.2,	32	15.2,	221.9,	204.2,	-32.8,	109.9,
33	15.2,	232.9,	180.3,	-40.9,	120.3,	34	0.0,	0.0,	0.0,	0.0,	0.0,
35	0.0,	0.0,	0.0,	0.0,	0.0,	36	0.0,	0.0,	0.0,	0.0,	0.0,

SOURCE ID: STCK4

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	0.0,	0.0,	0.0,	0.0,	0.0,	2	15.2,	236.8,	150.9,	-131.9,	116.5,
3	15.2,	232.9,	180.3,	-165.9,	104.9,	4	15.2,	221.9,	204.2,	-195.0,	90.2,
5	15.2,	204.2,	221.9,	-218.1,	72.7,	6	15.2,	180.3,	232.9,	-234.6,	53.0,
7	15.2,	150.9,	236.8,	-243.9,	31.7,	8	15.2,	116.9,	233.5,	-245.8,	9.4,
9	15.2,	79.4,	223.1,	-240.3,	-13.2,	10	15.2,	116.9,	233.5,	-241.3,	-35.3,
11	15.2,	150.9,	236.8,	-234.9,	-56.4,	12	15.2,	180.3,	232.9,	-221.4,	-75.8,
13	15.2,	204.2,	221.9,	-201.1,	-92.9,	14	15.2,	221.9,	204.2,	-174.8,	-107.1,
15	15.2,	232.9,	180.3,	-143.1,	-118.1,	16	15.2,	236.8,	150.9,	-107.1,	-125.5,
17	0.0,	0.0,	0.0,	0.0,	0.0,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	0.0,	0.0,	0.0,	0.0,	0.0,	20	15.2,	236.8,	150.9,	-19.0,	-116.5,
21	15.2,	232.9,	180.3,	-14.3,	-104.9,	22	15.2,	221.9,	204.2,	-9.2,	-90.2,
23	15.2,	204.2,	221.9,	-3.8,	-72.7,	24	15.2,	180.3,	232.9,	1.7,	-53.0,
25	15.2,	150.9,	236.8,	7.1,	-31.7,	26	15.2,	116.9,	233.5,	12.4,	-9.4,
27	15.2,	79.4,	223.1,	17.2,	13.2,	28	15.2,	116.9,	233.5,	7.8,	35.3,
29	15.2,	150.9,	236.8,	-1.9,	56.4,	30	15.2,	180.3,	232.9,	-11.5,	75.8,
31	15.2,	204.2,	221.9,	-20.8,	92.9,	32	15.2,	221.9,	204.2,	-29.4,	107.1,
33	15.2,	232.9,	180.3,	-37.2,	118.1,	34	15.2,	236.8,	150.9,	-43.8,	125.5,
35	0.0,	0.0,	0.0,	0.0,	0.0,	36	0.0,	0.0,	0.0,	0.0,	0.0,

Model Output - School Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK5

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	0.0,	0.0,	0.0,	0.0,	0.0,	2	15.2,	236.8,	150.9,	-128.3,	117.8,
3	15.2,	232.9,	180.3,	-162.6,	106.8,	4	15.2,	221.9,	204.2,	-192.0,	92.6,
5	15.2,	204.2,	221.9,	-215.6,	75.6,	6	15.2,	180.3,	232.9,	-232.6,	56.3,
7	15.2,	150.9,	236.8,	-242.6,	35.2,	8	15.2,	116.9,	233.5,	-245.2,	13.1,
9	15.2,	79.4,	223.1,	-240.3,	-9.4,	10	15.2,	116.9,	233.5,	-241.9,	-31.6,
11	15.2,	150.9,	236.8,	-236.2,	-52.8,	12	15.2,	180.3,	232.9,	-223.3,	-72.5,
13	15.2,	204.2,	221.9,	-203.6,	-90.0,	14	15.2,	221.9,	204.2,	-177.7,	-104.7,
15	15.2,	232.9,	180.3,	-146.4,	-116.2,	16	15.2,	236.8,	150.9,	-110.7,	-124.2,
17	0.0,	0.0,	0.0,	0.0,	0.0,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	0.0,	0.0,	0.0,	0.0,	0.0,	20	15.2,	236.8,	150.9,	-22.6,	-117.8,
21	15.2,	232.9,	180.3,	-17.6,	-106.8,	22	15.2,	221.9,	204.2,	-12.2,	-92.6,
23	15.2,	204.2,	221.9,	-6.3,	-75.6,	24	15.2,	180.3,	232.9,	-0.2,	-56.3,
25	15.2,	150.9,	236.8,	5.8,	-35.2,	26	15.2,	116.9,	233.5,	11.7,	-13.1,
27	15.2,	79.4,	223.1,	17.2,	9.4,	28	15.2,	116.9,	233.5,	8.5,	31.6,
29	15.2,	150.9,	236.8,	-0.6,	52.8,	30	15.2,	180.3,	232.9,	-9.6,	72.5,
31	15.2,	204.2,	221.9,	-18.3,	90.0,	32	15.2,	221.9,	204.2,	-26.5,	104.7,
33	15.2,	232.9,	180.3,	-33.8,	116.2,	34	15.2,	236.8,	150.9,	-40.2,	124.2,
35	0.0,	0.0,	0.0,	0.0,	0.0,	36	0.0,	0.0,	0.0,	0.0,	0.0,

SOURCE ID: STCK6

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	0.0,	0.0,	0.0,	0.0,	0.0,	2	15.2,	236.8,	150.9,	-124.5,	119.2,
3	15.2,	232.9,	180.3,	-159.2,	108.8,	4	15.2,	221.9,	204.2,	-189.0,	95.2,
5	15.2,	204.2,	221.9,	-213.1,	78.7,	6	15.2,	180.3,	232.9,	-230.6,	59.8,
7	15.2,	150.9,	236.8,	-241.2,	39.0,	8	15.2,	116.9,	233.5,	-244.5,	17.1,
9	15.2,	79.4,	223.1,	-240.3,	-5.4,	10	15.2,	116.9,	233.5,	-242.6,	-27.6,
11	15.2,	150.9,	236.8,	-237.6,	-49.1,	12	15.2,	180.3,	232.9,	-225.3,	-69.0,
13	15.2,	204.2,	221.9,	-206.2,	-86.9,	14	15.2,	221.9,	204.2,	-180.8,	-102.1,
15	15.2,	232.9,	180.3,	-149.9,	-114.2,	16	15.2,	236.8,	150.9,	-114.5,	-122.8,
17	0.0,	0.0,	0.0,	0.0,	0.0,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	0.0,	0.0,	0.0,	0.0,	0.0,	20	15.2,	236.8,	150.9,	-26.4,	-119.2,
21	15.2,	232.9,	180.3,	-21.1,	-108.8,	22	15.2,	221.9,	204.2,	-15.2,	-95.2,
23	15.2,	204.2,	221.9,	-8.9,	-78.7,	24	15.2,	180.3,	232.9,	-2.2,	-59.8,
25	15.2,	150.9,	236.8,	4.5,	-39.0,	26	15.2,	116.9,	233.5,	11.0,	-17.1,
27	15.2,	79.4,	223.1,	17.2,	5.4,	28	15.2,	116.9,	233.5,	9.2,	27.6,
29	15.2,	150.9,	236.8,	0.8,	49.1,	30	15.2,	180.3,	232.9,	-7.6,	69.0,
31	15.2,	204.2,	221.9,	-15.7,	86.9,	32	15.2,	221.9,	204.2,	-23.4,	102.1,
33	15.2,	232.9,	180.3,	-30.4,	114.2,	34	15.2,	236.8,	150.9,	-36.4,	122.8,
35	0.0,	0.0,	0.0,	0.0,	0.0,	36	0.0,	0.0,	0.0,	0.0,	0.0,

Model Output - School Receptors
Unit Emission Rates (1 g/s)

SOURCE ID: STCK7

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	0.0,	0.0,	0.0,	0.0,	0.0,	2	15.2,	236.8,	150.9,	-120.6,	120.6,
3	15.2,	232.9,	180.3,	-155.5,	110.9,	4	15.2,	221.9,	204.2,	-185.8,	97.9,
5	15.2,	204.2,	221.9,	-210.4,	81.9,	6	15.2,	180.3,	232.9,	-228.5,	63.4,
7	15.2,	150.9,	236.8,	-239.8,	42.9,	8	15.2,	116.9,	233.5,	-243.8,	21.2,
9	15.2,	79.4,	223.1,	-240.3,	-1.2,	10	15.2,	116.9,	233.5,	-243.4,	-23.5,
11	15.2,	150.9,	236.8,	-239.0,	-45.1,	12	15.2,	180.3,	232.9,	-227.4,	-65.4,
13	15.2,	204.2,	221.9,	-208.9,	-83.7,	14	15.2,	221.9,	204.2,	-184.0,	-99.4,
15	15.2,	232.9,	180.3,	-153.5,	-112.1,	16	15.2,	236.8,	150.9,	-118.4,	-121.4,
17	0.0,	0.0,	0.0,	0.0,	0.0,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	0.0,	0.0,	0.0,	0.0,	0.0,	20	15.2,	236.8,	150.9,	-30.3,	-120.6,
21	15.2,	232.9,	180.3,	-24.7,	-110.9,	22	15.2,	221.9,	204.2,	-18.4,	-97.9,
23	15.2,	204.2,	221.9,	-11.6,	-81.9,	24	15.2,	180.3,	232.9,	-4.3,	-63.4,
25	15.2,	150.9,	236.8,	3.0,	-42.9,	26	15.2,	116.9,	233.5,	10.3,	-21.2,
27	15.2,	79.4,	223.1,	17.2,	1.2,	28	15.2,	116.9,	233.5,	9.9,	23.5,
29	15.2,	150.9,	236.8,	2.2,	45.1,	30	15.2,	180.3,	232.9,	-5.5,	65.4,
31	15.2,	204.2,	221.9,	-13.1,	83.7,	32	15.2,	221.9,	204.2,	-20.2,	99.4,
33	15.2,	232.9,	180.3,	-26.8,	112.1,	34	15.2,	236.8,	150.9,	-32.5,	121.4,
35	0.0,	0.0,	0.0,	0.0,	0.0,	36	0.0,	0.0,	0.0,	0.0,	0.0,

SOURCE ID: STCK8

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	0.0,	0.0,	0.0,	0.0,	0.0,	2	15.2,	236.8,	150.9,	-112.8,	123.5,
3	15.2,	232.9,	180.3,	-148.4,	115.1,	4	15.2,	221.9,	204.2,	-179.4,	103.2,
5	15.2,	204.2,	221.9,	-205.0,	88.2,	6	15.2,	180.3,	232.9,	-224.4,	70.6,
7	15.2,	150.9,	236.8,	-237.0,	50.7,	8	15.2,	116.9,	233.5,	-242.3,	29.4,
9	15.2,	79.4,	223.1,	-240.3,	7.1,	10	15.2,	116.9,	233.5,	-244.8,	-15.4,
11	15.2,	150.9,	236.8,	-241.8,	-37.3,	12	15.2,	180.3,	232.9,	-231.5,	-58.2,
13	15.2,	204.2,	221.9,	-214.2,	-77.3,	14	15.2,	221.9,	204.2,	-190.3,	-94.1,
15	15.2,	232.9,	180.3,	-160.7,	-108.0,	16	15.2,	236.8,	150.9,	-126.2,	-118.6,
17	0.0,	0.0,	0.0,	0.0,	0.0,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	0.0,	0.0,	0.0,	0.0,	0.0,	20	15.2,	236.8,	150.9,	-38.1,	-123.5,
21	15.2,	232.9,	180.3,	-31.9,	-115.1,	22	15.2,	221.9,	204.2,	-24.8,	-103.2,
23	15.2,	204.2,	221.9,	-16.9,	-88.2,	24	15.2,	180.3,	232.9,	-8.5,	-70.6,
25	15.2,	150.9,	236.8,	0.2,	-50.7,	26	15.2,	116.9,	233.5,	8.9,	-29.4,
27	15.2,	79.4,	223.1,	17.2,	-7.1,	28	15.2,	116.9,	233.5,	11.3,	15.4,
29	15.2,	150.9,	236.8,	5.1,	37.3,	30	15.2,	180.3,	232.9,	-1.4,	58.2,
31	15.2,	204.2,	221.9,	-7.7,	77.3,	32	15.2,	221.9,	204.2,	-13.9,	94.1,
33	15.2,	232.9,	180.3,	-19.6,	108.0,	34	15.2,	236.8,	150.9,	-24.7,	118.6,
35	0.0,	0.0,	0.0,	0.0,	0.0,	36	0.0,	0.0,	0.0,	0.0,	0.0,

Model Output - School Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK9

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	0.0,	0.0,	0.0,	0.0,	0.0,	2	15.2,	236.8,	150.9,	-109.3,	124.7,
3	15.2,	232.9,	180.3,	-145.1,	117.0,	4	15.2,	221.9,	204.2,	-176.6,	105.6,
5	15.2,	204.2,	221.9,	-202.6,	91.1,	6	15.2,	180.3,	232.9,	-222.5,	73.8,
7	15.2,	150.9,	236.8,	-235.7,	54.2,	8	15.2,	116.9,	233.5,	-241.7,	33.0,
9	15.2,	79.4,	223.1,	-240.3,	10.9,	10	15.2,	116.9,	233.5,	-245.4,	-11.7,
11	15.2,	150.9,	236.8,	-243.1,	-33.8,	12	15.2,	180.3,	232.9,	-233.4,	-55.0,
13	15.2,	204.2,	221.9,	-216.6,	-74.5,	14	15.2,	221.9,	204.2,	-193.2,	-91.7,
15	15.2,	232.9,	180.3,	-163.9,	-106.1,	16	15.2,	236.8,	150.9,	-129.7,	-117.3,
17	0.0,	0.0,	0.0,	0.0,	0.0,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	0.0,	0.0,	0.0,	0.0,	0.0,	20	15.2,	236.8,	150.9,	-41.6,	-124.7,
21	15.2,	232.9,	180.3,	-35.1,	-117.0,	22	15.2,	221.9,	204.2,	-27.6,	-105.6,
23	15.2,	204.2,	221.9,	-19.3,	-91.1,	24	15.2,	180.3,	232.9,	-10.3,	-73.8,
25	15.2,	150.9,	236.8,	-1.1,	-54.2,	26	15.2,	116.9,	233.5,	8.2,	-33.0,
27	15.2,	79.4,	223.1,	17.2,	-10.9,	28	15.2,	116.9,	233.5,	12.0,	11.7,
29	15.2,	150.9,	236.8,	6.3,	33.8,	30	15.2,	180.3,	232.9,	0.5,	55.0,
31	15.2,	204.2,	221.9,	-5.3,	74.5,	32	15.2,	221.9,	204.2,	-11.0,	91.7,
33	15.2,	232.9,	180.3,	-16.4,	106.1,	34	15.2,	236.8,	150.9,	-21.2,	117.3,
35	0.0,	0.0,	0.0,	0.0,	0.0,	36	0.0,	0.0,	0.0,	0.0,	0.0,

SOURCE ID: STCK10

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	0.0,	0.0,	0.0,	0.0,	0.0,	2	0.0,	0.0,	0.0,	0.0,	0.0,
3	15.2,	232.9,	180.3,	-141.4,	119.1,	4	15.2,	221.9,	204.2,	-173.2,	108.4,
5	15.2,	204.2,	221.9,	-199.8,	94.4,	6	15.2,	180.3,	232.9,	-220.4,	77.6,
7	15.2,	150.9,	236.8,	-234.2,	58.3,	8	15.2,	116.9,	233.5,	-240.9,	37.3,
9	15.2,	79.4,	223.1,	-240.3,	15.2,	10	15.2,	116.9,	233.5,	-246.2,	-7.4,
11	15.2,	150.9,	236.8,	-244.6,	-29.7,	12	15.2,	180.3,	232.9,	-235.6,	-51.2,
13	15.2,	204.2,	221.9,	-219.4,	-71.1,	14	15.2,	221.9,	204.2,	-196.5,	-88.9,
15	15.2,	232.9,	180.3,	-167.7,	-103.9,	16	15.2,	236.8,	150.9,	-133.8,	-115.8,
17	15.2,	233.5,	116.9,	-95.8,	-124.2,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	0.0,	0.0,	0.0,	0.0,	0.0,	20	0.0,	0.0,	0.0,	0.0,	0.0,
21	15.2,	232.9,	180.3,	-38.9,	-119.1,	22	15.2,	221.9,	204.2,	-31.0,	-108.4,
23	15.2,	204.2,	221.9,	-22.1,	-94.4,	24	15.2,	180.3,	232.9,	-12.5,	-77.6,
25	15.2,	150.9,	236.8,	-2.6,	-58.3,	26	15.2,	116.9,	233.5,	7.5,	-37.3,
27	15.2,	79.4,	223.1,	17.2,	-15.2,	28	15.2,	116.9,	233.5,	12.7,	7.4,
29	15.2,	150.9,	236.8,	7.8,	29.7,	30	15.2,	180.3,	232.9,	2.7,	51.2,
31	15.2,	204.2,	221.9,	-2.5,	71.1,	32	15.2,	221.9,	204.2,	-7.7,	88.9,
33	15.2,	232.9,	180.3,	-12.6,	103.9,	34	15.2,	236.8,	150.9,	-17.1,	115.8,
35	15.2,	233.5,	116.9,	-21.1,	124.2,	36	0.0,	0.0,	0.0,	0.0,	0.0,

Model Output - School Receptors
Unit Emission Rates (1 g/s)

SOURCE ID: STCK11

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	0.0,	0.0,	0.0,	0.0,	0.0,	2	0.0,	0.0,	0.0,	0.0,	0.0,
3	15.2,	232.9,	180.3,	-137.9,	121.1,	4	15.2,	221.9,	204.2,	-170.2,	111.0,
5	15.2,	204.2,	221.9,	-197.2,	97.5,	6	15.2,	180.3,	232.9,	-218.4,	81.0,
7	15.2,	150.9,	236.8,	-232.8,	62.1,	8	15.2,	116.9,	233.5,	-240.2,	41.3,
9	15.2,	79.4,	223.1,	-240.3,	19.2,	10	15.2,	116.9,	233.5,	-246.9,	-3.4,
11	15.2,	150.9,	236.8,	-246.0,	-26.0,	12	15.2,	180.3,	232.9,	-237.6,	-47.8,
13	15.2,	204.2,	221.9,	-222.0,	-68.0,	14	15.2,	221.9,	204.2,	-199.6,	-86.3,
15	15.2,	232.9,	180.3,	-171.2,	-101.9,	16	15.2,	236.8,	150.9,	-137.6,	-114.4,
17	15.2,	233.5,	116.9,	-99.7,	-123.5,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	0.0,	0.0,	0.0,	0.0,	0.0,	20	0.0,	0.0,	0.0,	0.0,	0.0,
21	15.2,	232.9,	180.3,	-42.4,	-121.1,	22	15.2,	221.9,	204.2,	-34.0,	-111.0,
23	15.2,	204.2,	221.9,	-24.7,	-97.5,	24	15.2,	180.3,	232.9,	-14.5,	-81.0,
25	15.2,	150.9,	236.8,	-3.9,	-62.1,	26	15.2,	116.9,	233.5,	6.8,	-41.3,
27	15.2,	79.4,	223.1,	17.2,	-19.2,	28	15.2,	116.9,	233.5,	13.4,	3.4,
29	15.2,	150.9,	236.8,	9.2,	26.0,	30	15.2,	180.3,	232.9,	4.7,	47.8,
31	15.2,	204.2,	221.9,	0.1,	68.0,	32	15.2,	221.9,	204.2,	-4.6,	86.3,
33	15.2,	232.9,	180.3,	-9.1,	101.9,	34	15.2,	236.8,	150.9,	-13.3,	114.4,
35	15.2,	233.5,	116.9,	-17.2,	123.5,	36	0.0,	0.0,	0.0,	0.0,	0.0,

SOURCE ID: STCK12

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	0.0,	0.0,	0.0,	0.0,	0.0,	2	0.0,	0.0,	0.0,	0.0,	0.0,
3	15.2,	232.9,	180.3,	-134.2,	123.2,	4	15.2,	221.9,	204.2,	-166.9,	113.7,
5	15.2,	204.2,	221.9,	-194.6,	100.7,	6	15.2,	180.3,	232.9,	-216.2,	84.7,
7	15.2,	150.9,	236.8,	-231.4,	66.0,	8	15.2,	116.9,	233.5,	-239.5,	45.4,
9	15.2,	79.4,	223.1,	-240.3,	23.4,	10	15.2,	116.9,	233.5,	-247.6,	0.7,
11	15.2,	150.9,	236.8,	-247.4,	-22.1,	12	15.2,	180.3,	232.9,	-239.7,	-44.1,
13	15.2,	204.2,	221.9,	-224.7,	-64.8,	14	15.2,	221.9,	204.2,	-202.8,	-83.6,
15	15.2,	232.9,	180.3,	-174.8,	-99.8,	16	15.2,	236.8,	150.9,	-141.5,	-113.0,
17	15.2,	233.5,	116.9,	-103.9,	-122.8,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	0.0,	0.0,	0.0,	0.0,	0.0,	20	0.0,	0.0,	0.0,	0.0,	0.0,
21	15.2,	232.9,	180.3,	-46.0,	-123.2,	22	15.2,	221.9,	204.2,	-37.2,	-113.7,
23	15.2,	204.2,	221.9,	-27.4,	-100.7,	24	15.2,	180.3,	232.9,	-16.6,	-84.7,
25	15.2,	150.9,	236.8,	-5.4,	-66.0,	26	15.2,	116.9,	233.5,	6.0,	-45.4,
27	15.2,	79.4,	223.1,	17.2,	-23.4,	28	15.2,	116.9,	233.5,	14.2,	-0.7,
29	15.2,	150.9,	236.8,	10.6,	22.1,	30	15.2,	180.3,	232.9,	6.8,	44.1,
31	15.2,	204.2,	221.9,	2.8,	64.8,	32	15.2,	221.9,	204.2,	-1.4,	83.6,
33	15.2,	232.9,	180.3,	-5.5,	99.8,	34	15.2,	236.8,	150.9,	-9.4,	113.0,
35	15.2,	233.5,	116.9,	-13.0,	122.8,	36	0.0,	0.0,	0.0,	0.0,	0.0,

Model Output - School Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK13

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	0.0,	0.0,	0.0,	0.0,	0.0,	2	0.0,	0.0,	0.0,	0.0,	0.0,
3	0.0,	0.0,	0.0,	0.0,	0.0,	4	15.2,	221.9,	204.2,	-163.7,	116.4,
5	15.2,	204.2,	221.9,	-191.9,	103.9,	6	15.2,	180.3,	232.9,	-214.2,	88.3,
7	15.2,	150.9,	236.8,	-230.0,	70.0,	8	15.2,	116.9,	233.5,	-238.8,	49.5,
9	15.2,	79.4,	223.1,	-240.3,	27.6,	10	15.2,	116.9,	233.5,	-248.3,	4.8,
11	15.2,	150.9,	236.8,	-248.8,	-18.1,	12	15.2,	180.3,	232.9,	-241.8,	-40.5,
13	15.2,	204.2,	221.9,	-227.3,	-61.6,	14	15.2,	221.9,	204.2,	-206.0,	-80.9,
15	15.2,	232.9,	180.3,	-178.4,	-97.7,	16	15.2,	236.8,	150.9,	-145.4,	-111.6,
17	15.2,	233.5,	116.9,	-108.0,	-122.0,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	0.0,	0.0,	0.0,	0.0,	0.0,	20	0.0,	0.0,	0.0,	0.0,	0.0,
21	0.0,	0.0,	0.0,	0.0,	0.0,	22	15.2,	221.9,	204.2,	-40.5,	-116.4,
23	15.2,	204.2,	221.9,	-30.0,	-103.9,	24	15.2,	180.3,	232.9,	-18.7,	-88.3,
25	15.2,	150.9,	236.8,	-6.8,	-70.0,	26	15.2,	116.9,	233.5,	5.3,	-49.5,
27	15.2,	79.4,	223.1,	17.2,	-27.6,	28	15.2,	116.9,	233.5,	14.9,	-4.8,
29	15.2,	150.9,	236.8,	12.1,	18.1,	30	15.2,	180.3,	232.9,	8.9,	40.5,
31	15.2,	204.2,	221.9,	5.4,	61.6,	32	15.2,	221.9,	204.2,	1.8,	80.9,
33	15.2,	232.9,	180.3,	-1.9,	97.7,	34	15.2,	236.8,	150.9,	-5.5,	111.6,
35	15.2,	233.5,	116.9,	-8.9,	122.0,	36	0.0,	0.0,	0.0,	0.0,	0.0,

SOURCE ID: STCK14

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	0.0,	0.0,	0.0,	0.0,	0.0,	2	0.0,	0.0,	0.0,	0.0,	0.0,
3	0.0,	0.0,	0.0,	0.0,	0.0,	4	0.0,	0.0,	0.0,	0.0,	0.0,
5	15.2,	204.2,	221.9,	-189.3,	107.0,	6	15.2,	180.3,	232.9,	-212.2,	91.8,
7	15.2,	150.9,	236.8,	-228.6,	73.7,	8	15.2,	116.9,	233.5,	-238.1,	53.5,
9	15.2,	79.4,	223.1,	-240.3,	31.6,	10	15.2,	116.9,	233.5,	-249.0,	8.8,
11	15.2,	150.9,	236.8,	-250.2,	-14.4,	12	15.2,	180.3,	232.9,	-243.8,	-37.0,
13	15.2,	204.2,	221.9,	-229.9,	-58.6,	14	15.2,	221.9,	204.2,	-209.1,	-78.3,
15	15.2,	232.9,	180.3,	-181.9,	-95.7,	16	15.2,	236.8,	150.9,	-149.2,	-110.2,
17	15.2,	233.5,	116.9,	-111.9,	-121.3,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	0.0,	0.0,	0.0,	0.0,	0.0,	20	0.0,	0.0,	0.0,	0.0,	0.0,
21	0.0,	0.0,	0.0,	0.0,	0.0,	22	0.0,	0.0,	0.0,	0.0,	0.0,
23	15.2,	204.2,	221.9,	-32.6,	-107.0,	24	15.2,	180.3,	232.9,	-20.7,	-91.8,
25	15.2,	150.9,	236.8,	-8.2,	-73.7,	26	15.2,	116.9,	233.5,	4.6,	-53.5,
27	15.2,	79.4,	223.1,	17.2,	-31.6,	28	15.2,	116.9,	233.5,	15.6,	-8.8,
29	15.2,	150.9,	236.8,	13.4,	14.4,	30	15.2,	180.3,	232.9,	10.9,	37.0,
31	15.2,	204.2,	221.9,	8.0,	58.6,	32	15.2,	221.9,	204.2,	4.9,	78.3,
33	15.2,	232.9,	180.3,	1.6,	95.7,	34	15.2,	236.8,	150.9,	-1.7,	110.2,
35	15.2,	233.5,	116.9,	-5.0,	121.3,	36	0.0,	0.0,	0.0,	0.0,	0.0,

Model Output - School Receptors
Unit Emission Rates (1 g/s)

SOURCE ID: STCK15

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	0.0,	0.0,	0.0,	0.0,	0.0,	2	0.0,	0.0,	0.0,	0.0,	0.0,
3	0.0,	0.0,	0.0,	0.0,	0.0,	4	0.0,	0.0,	0.0,	0.0,	0.0,
5	0.0,	0.0,	0.0,	0.0,	0.0,	6	15.2,	180.3,	232.9,	-210.2,	95.1,
7	15.2,	150.9,	236.8,	-227.3,	77.3,	8	15.2,	116.9,	233.5,	-237.4,	57.2,
9	15.2,	79.4,	223.1,	-240.3,	35.4,	10	15.2,	116.9,	233.5,	-249.7,	12.5,
11	15.2,	150.9,	236.8,	-251.5,	-10.8,	12	15.2,	180.3,	232.9,	-245.7,	-33.7,
13	15.2,	204.2,	221.9,	-232.4,	-55.6,	14	15.2,	221.9,	204.2,	-212.0,	-75.9,
15	15.2,	232.9,	180.3,	-185.2,	-93.8,	16	15.2,	236.8,	150.9,	-152.8,	-108.9,
17	15.2,	233.5,	116.9,	-115.7,	-120.7,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	0.0,	0.0,	0.0,	0.0,	0.0,	20	0.0,	0.0,	0.0,	0.0,	0.0,
21	0.0,	0.0,	0.0,	0.0,	0.0,	22	0.0,	0.0,	0.0,	0.0,	0.0,
23	0.0,	0.0,	0.0,	0.0,	0.0,	24	15.2,	180.3,	232.9,	-22.6,	-95.1,
25	15.2,	150.9,	236.8,	-9.5,	-77.3,	26	15.2,	116.9,	233.5,	3.9,	-57.2,
27	15.2,	79.4,	223.1,	17.2,	-35.4,	28	15.2,	116.9,	233.5,	16.2,	-12.5,
29	15.2,	150.9,	236.8,	14.8,	10.8,	30	15.2,	180.3,	232.9,	12.8,	33.7,
31	15.2,	204.2,	221.9,	10.5,	55.6,	32	15.2,	221.9,	204.2,	7.8,	75.9,
33	15.2,	232.9,	180.3,	4.9,	93.8,	34	15.2,	236.8,	150.9,	1.9,	108.9,
35	15.2,	233.5,	116.9,	-1.2,	120.7,	36	0.0,	0.0,	0.0,	0.0,	0.0,

Model Output - School Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000620 through L0000794 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

Model Output - School Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000445 through L0000619 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
							DAY OF WEEK = WEEKDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.5000E+00	11	.1000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
							DAY OF WEEK = SATURDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
							DAY OF WEEK = SUNDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

Model Output - School Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA2 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.5000E+00	11	.1000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

Model Output - School Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA3 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.5000E+00	11	.1000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = STCK1 through STCK15 ; SOURCE TYPE = POINT :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

Model Output - School Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VANIDLE1 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.5000E+00	11	.1000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VANIDLE2 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.5000E+00	11	.1000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

Model Output - School Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(	555873.8,	4201678.9,	6.8,	6.8,	1.5);	(555883.8,	4201678.9,	6.8,	6.8,	1.5);
(	555893.8,	4201678.9,	6.8,	6.8,	1.5);	(555903.8,	4201678.9,	6.8,	6.8,	1.5);
(	555913.8,	4201678.9,	6.8,	6.8,	1.5);	(555923.8,	4201678.9,	6.9,	6.9,	1.5);
(	555933.8,	4201678.9,	6.9,	6.9,	1.5);	(555943.8,	4201678.9,	6.9,	6.9,	1.5);
(	555853.8,	4201688.9,	6.7,	6.7,	1.5);	(555863.8,	4201688.9,	6.8,	6.8,	1.5);
(	555873.8,	4201688.9,	6.8,	6.8,	1.5);	(555883.8,	4201688.9,	6.8,	6.8,	1.5);
(	555893.8,	4201688.9,	6.8,	6.8,	1.5);	(555903.8,	4201688.9,	6.8,	6.8,	1.5);
(	555913.8,	4201688.9,	6.8,	6.8,	1.5);	(555923.8,	4201688.9,	6.8,	6.8,	1.5);
(	555933.8,	4201688.9,	6.8,	6.8,	1.5);	(555943.8,	4201688.9,	6.9,	6.9,	1.5);
(	555953.8,	4201688.9,	6.9,	6.9,	1.5);	(555963.8,	4201688.9,	6.9,	6.9,	1.5);
(	555823.8,	4201698.9,	6.6,	6.6,	1.5);	(555833.8,	4201698.9,	6.7,	6.7,	1.5);
(	555843.8,	4201698.9,	6.7,	6.7,	1.5);	(555853.8,	4201698.9,	6.7,	6.7,	1.5);
(	555863.8,	4201698.9,	6.7,	6.7,	1.5);	(555873.8,	4201698.9,	6.7,	6.7,	1.5);
(	555883.8,	4201698.9,	6.7,	6.7,	1.5);	(555893.8,	4201698.9,	6.8,	6.8,	1.5);
(	555903.8,	4201698.9,	6.8,	6.8,	1.5);	(555913.8,	4201698.9,	6.8,	6.8,	1.5);
(	555923.8,	4201698.9,	6.8,	6.8,	1.5);	(555933.8,	4201698.9,	6.8,	6.8,	1.5);
(	555943.8,	4201698.9,	6.8,	6.8,	1.5);	(555953.8,	4201698.9,	6.8,	6.8,	1.5);
(	555963.8,	4201698.9,	6.9,	6.9,	1.5);	(555973.8,	4201698.9,	6.9,	6.9,	1.5);
(	555983.8,	4201698.9,	6.9,	6.9,	1.5);	(555813.8,	4201708.9,	6.6,	6.6,	1.5);
(	555823.8,	4201708.9,	6.6,	6.6,	1.5);	(555833.8,	4201708.9,	6.6,	6.6,	1.5);
(	555843.8,	4201708.9,	6.6,	6.6,	1.5);	(555853.8,	4201708.9,	6.6,	6.6,	1.5);
(	555863.8,	4201708.9,	6.7,	6.7,	1.5);	(555873.8,	4201708.9,	6.7,	6.7,	1.5);
(	555883.8,	4201708.9,	6.7,	6.7,	1.5);	(555893.8,	4201708.9,	6.7,	6.7,	1.5);
(	555903.8,	4201708.9,	6.7,	6.7,	1.5);	(555913.8,	4201708.9,	6.7,	6.7,	1.5);
(	555923.8,	4201708.9,	6.7,	6.7,	1.5);	(555933.8,	4201708.9,	6.8,	6.8,	1.5);
(	555943.8,	4201708.9,	6.8,	6.8,	1.5);	(555953.8,	4201708.9,	6.8,	6.8,	1.5);
(	555963.8,	4201708.9,	6.8,	6.8,	1.5);	(555973.8,	4201708.9,	6.8,	6.8,	1.5);
(	555983.8,	4201708.9,	6.9,	6.9,	1.5);	(555993.8,	4201708.9,	6.9,	6.9,	1.5);
(	556003.8,	4201708.9,	7.0,	7.0,	1.5);	(555813.8,	4201718.9,	6.5,	6.5,	1.5);
(	555823.8,	4201718.9,	6.5,	6.5,	1.5);	(555833.8,	4201718.9,	6.6,	6.6,	1.5);
(	555843.8,	4201718.9,	6.6,	6.6,	1.5);	(555853.8,	4201718.9,	6.6,	6.6,	1.5);
(	555863.8,	4201718.9,	6.6,	6.6,	1.5);	(555873.8,	4201718.9,	6.6,	6.6,	1.5);
(	555883.8,	4201718.9,	6.6,	6.6,	1.5);	(555893.8,	4201718.9,	6.7,	6.7,	1.5);
(	555903.8,	4201718.9,	6.7,	6.7,	1.5);	(555913.8,	4201718.9,	6.7,	6.7,	1.5);
(	555923.8,	4201718.9,	6.7,	6.7,	1.5);	(555933.8,	4201718.9,	6.7,	6.7,	1.5);
(	555943.8,	4201718.9,	6.8,	6.8,	1.5);	(555953.8,	4201718.9,	6.8,	6.8,	1.5);
(	555963.8,	4201718.9,	6.8,	6.8,	1.5);	(555973.8,	4201718.9,	6.8,	6.8,	1.5);
(	555983.8,	4201718.9,	6.8,	6.8,	1.5);	(555993.8,	4201718.9,	6.9,	6.9,	1.5);
(	556003.8,	4201718.9,	7.0,	7.0,	1.5);	(556013.8,	4201718.9,	7.0,	7.0,	1.5);
(	555813.8,	4201728.9,	6.5,	6.5,	1.5);	(555823.8,	4201728.9,	6.5,	6.5,	1.5);
(	555833.8,	4201728.9,	6.5,	6.5,	1.5);	(555843.8,	4201728.9,	6.5,	6.5,	1.5);
(	555853.8,	4201728.9,	6.5,	6.5,	1.5);	(555863.8,	4201728.9,	6.6,	6.6,	1.5);

Model Output - School Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(	555933.8,	4201728.9,	6.7,	6.7,	1.5);	(555943.8,	4201728.9,	6.7,	6.7,	1.5);
(	555953.8,	4201728.9,	6.8,	6.8,	1.5);	(555963.8,	4201728.9,	6.8,	6.8,	1.5);
(	555973.8,	4201728.9,	6.8,	6.8,	1.5);	(555983.8,	4201728.9,	6.8,	6.8,	1.5);
(	555993.8,	4201728.9,	6.9,	6.9,	1.5);	(556003.8,	4201728.9,	7.0,	7.0,	1.5);
(	556013.8,	4201728.9,	7.0,	7.0,	1.5);	(555813.8,	4201738.9,	6.4,	6.4,	1.5);
(	555823.8,	4201738.9,	6.5,	6.5,	1.5);	(555833.8,	4201738.9,	6.5,	6.5,	1.5);
(	555843.8,	4201738.9,	6.5,	6.5,	1.5);	(555853.8,	4201738.9,	6.5,	6.5,	1.5);
(	555863.8,	4201738.9,	6.5,	6.5,	1.5);	(555873.8,	4201738.9,	6.5,	6.5,	1.5);
(	555883.8,	4201738.9,	6.6,	6.6,	1.5);	(555893.8,	4201738.9,	6.6,	6.6,	1.5);
(	555903.8,	4201738.9,	6.6,	6.6,	1.5);	(555913.8,	4201738.9,	6.6,	6.6,	1.5);
(	555923.8,	4201738.9,	6.7,	6.7,	1.5);	(555933.8,	4201738.9,	6.7,	6.7,	1.5);
(	555943.8,	4201738.9,	6.7,	6.7,	1.5);	(555953.8,	4201738.9,	6.8,	6.8,	1.5);
(	555963.8,	4201738.9,	6.8,	6.8,	1.5);	(555973.8,	4201738.9,	6.8,	6.8,	1.5);
(	555983.8,	4201738.9,	6.8,	6.8,	1.5);	(555993.8,	4201738.9,	6.9,	6.9,	1.5);
(	556003.8,	4201738.9,	6.9,	6.9,	1.5);	(556013.8,	4201738.9,	7.0,	7.0,	1.5);
(	556023.8,	4201738.9,	7.1,	7.1,	1.5);	(555813.8,	4201748.9,	6.4,	6.4,	1.5);
(	555823.8,	4201748.9,	6.4,	6.4,	1.5);	(555833.8,	4201748.9,	6.4,	6.4,	1.5);
(	555843.8,	4201748.9,	6.5,	6.5,	1.5);	(555853.8,	4201748.9,	6.5,	6.5,	1.5);
(	555863.8,	4201748.9,	6.5,	6.5,	1.5);	(555873.8,	4201748.9,	6.5,	6.5,	1.5);
(	555883.8,	4201748.9,	6.5,	6.5,	1.5);	(555893.8,	4201748.9,	6.6,	6.6,	1.5);
(	555903.8,	4201748.9,	6.6,	6.6,	1.5);	(555913.8,	4201748.9,	6.6,	6.6,	1.5);
(	555923.8,	4201748.9,	6.6,	6.6,	1.5);	(555933.8,	4201748.9,	6.7,	6.7,	1.5);
(	555943.8,	4201748.9,	6.7,	6.7,	1.5);	(555953.8,	4201748.9,	6.8,	6.8,	1.5);
(	555963.8,	4201748.9,	6.8,	6.8,	1.5);	(555973.8,	4201748.9,	6.8,	6.8,	1.5);
(	555983.8,	4201748.9,	6.8,	6.8,	1.5);	(555993.8,	4201748.9,	6.9,	6.9,	1.5);
(	556003.8,	4201748.9,	6.9,	6.9,	1.5);	(556013.8,	4201748.9,	7.0,	7.0,	1.5);
(	556023.8,	4201748.9,	7.1,	7.1,	1.5);	(555813.8,	4201758.9,	6.3,	6.3,	1.5);
(	555823.8,	4201758.9,	6.4,	6.4,	1.5);	(555833.8,	4201758.9,	6.4,	6.4,	1.5);
(	555843.8,	4201758.9,	6.4,	6.4,	1.5);	(555853.8,	4201758.9,	6.4,	6.4,	1.5);
(	555863.8,	4201758.9,	6.5,	6.5,	1.5);	(555873.8,	4201758.9,	6.5,	6.5,	1.5);
(	555883.8,	4201758.9,	6.5,	6.5,	1.5);	(555893.8,	4201758.9,	6.5,	6.5,	1.5);
(	555903.8,	4201758.9,	6.6,	6.6,	1.5);	(555913.8,	4201758.9,	6.6,	6.6,	1.5);
(	555923.8,	4201758.9,	6.6,	6.6,	1.5);	(555933.8,	4201758.9,	6.6,	6.6,	1.5);
(	555943.8,	4201758.9,	6.7,	6.7,	1.5);	(555953.8,	4201758.9,	6.8,	6.8,	1.5);
(	555963.8,	4201758.9,	6.8,	6.8,	1.5);	(555973.8,	4201758.9,	6.8,	6.8,	1.5);
(	555983.8,	4201758.9,	6.8,	6.8,	1.5);	(555993.8,	4201758.9,	6.9,	6.9,	1.5);
(	556003.8,	4201758.9,	6.9,	6.9,	1.5);	(556013.8,	4201758.9,	7.0,	7.0,	1.5);
(	556023.8,	4201758.9,	7.1,	7.1,	1.5);	(555813.8,	4201768.9,	6.3,	6.3,	1.5);
(	555823.8,	4201768.9,	6.3,	6.3,	1.5);	(555833.8,	4201768.9,	6.4,	6.4,	1.5);

Model Output - School Receptors
Unit Emission Rates (1 g/s)

```
    ( 555843.8, 4201768.9,       6.4,       6.4,       1.5);        ( 555853.8, 4201768.9,       6.4,       6.4,       1.5);
    ( 555863.8, 4201768.9,       6.4,       6.4,       1.5);        ( 555873.8, 4201768.9,       6.5,       6.5,       1.5);
    ( 555883.8, 4201768.9,       6.5,       6.5,       1.5);        ( 555893.8, 4201768.9,       6.5,       6.5,       1.5);
    ( 555903.8, 4201768.9,       6.5,       6.5,       1.5);        ( 555913.8, 4201768.9,       6.6,       6.6,       1.5);
    ( 555923.8, 4201768.9,       6.6,       6.6,       1.5);        ( 555933.8, 4201768.9,       6.6,       6.6,       1.5);
    ( 555943.8, 4201768.9,       6.7,       6.7,       1.5);        ( 555953.8, 4201768.9,       6.7,       6.7,       1.5);
*** AERMOD - VERSION  19191 ***   *** Single Warehouse Alternative 506 Brookside Dr HRA - School Receptors ***       10/13/20
*** AERMET - VERSION  18081 ***   *** North Richmond, CA                                                  ***       12:18:12
                                                                                                                   PAGE 396
*** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  SigA Data

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                      (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

    ( 555963.8, 4201768.9,       6.7,       6.7,       1.5);        ( 555973.8, 4201768.9,       6.8,       6.8,       1.5);
    ( 555983.8, 4201768.9,       6.9,       6.9,       1.5);        ( 555993.8, 4201768.9,       6.9,       6.9,       1.5);
    ( 556003.8, 4201768.9,       6.9,       6.9,       1.5);        ( 556013.8, 4201768.9,       7.0,       7.0,       1.5);
    ( 556023.8, 4201768.9,       7.1,       7.1,       1.5);        ( 555813.8, 4201778.9,       6.3,       6.3,       1.5);
    ( 555823.8, 4201778.9,       6.3,       6.3,       1.5);        ( 555833.8, 4201778.9,       6.3,       6.3,       1.5);
    ( 555843.8, 4201778.9,       6.4,       6.4,       1.5);        ( 555853.8, 4201778.9,       6.4,       6.4,       1.5);
    ( 555863.8, 4201778.9,       6.4,       6.4,       1.5);        ( 555873.8, 4201778.9,       6.4,       6.4,       1.5);
    ( 555883.8, 4201778.9,       6.5,       6.5,       1.5);        ( 555893.8, 4201778.9,       6.5,       6.5,       1.5);
    ( 555903.8, 4201778.9,       6.5,       6.5,       1.5);        ( 555913.8, 4201778.9,       6.6,       6.6,       1.5);
    ( 555923.8, 4201778.9,       6.6,       6.6,       1.5);        ( 555933.8, 4201778.9,       6.6,       6.6,       1.5);
    ( 555943.8, 4201778.9,       6.7,       6.7,       1.5);        ( 555953.8, 4201778.9,       6.7,       6.7,       1.5);
    ( 555963.8, 4201778.9,       6.7,       6.7,       1.5);        ( 555973.8, 4201778.9,       6.8,       6.8,       1.5);
    ( 555983.8, 4201778.9,       6.9,       6.9,       1.5);        ( 555993.8, 4201778.9,       6.9,       6.9,       1.5);
    ( 556003.8, 4201778.9,       7.0,       7.0,       1.5);        ( 556013.8, 4201778.9,       7.0,       7.0,       1.5);
    ( 556023.8, 4201778.9,       7.1,       7.1,       1.5);        ( 555813.8, 4201788.9,       6.2,       6.2,       1.5);
    ( 555823.8, 4201788.9,       6.3,       6.3,       1.5);        ( 555833.8, 4201788.9,       6.3,       6.3,       1.5);
    ( 555843.8, 4201788.9,       6.3,       6.3,       1.5);        ( 555853.8, 4201788.9,       6.4,       6.4,       1.5);
    ( 555863.8, 4201788.9,       6.4,       6.4,       1.5);        ( 555873.8, 4201788.9,       6.4,       6.4,       1.5);
    ( 555883.8, 4201788.9,       6.4,       6.4,       1.5);        ( 555893.8, 4201788.9,       6.5,       6.5,       1.5);
    ( 555903.8, 4201788.9,       6.5,       6.5,       1.5);        ( 555913.8, 4201788.9,       6.5,       6.5,       1.5);
    ( 555923.8, 4201788.9,       6.6,       6.6,       1.5);        ( 555933.8, 4201788.9,       6.6,       6.6,       1.5);
    ( 555943.8, 4201788.9,       6.7,       6.7,       1.5);        ( 555953.8, 4201788.9,       6.7,       6.7,       1.5);
    ( 555963.8, 4201788.9,       6.7,       6.7,       1.5);        ( 555973.8, 4201788.9,       6.8,       6.8,       1.5);
    ( 555983.8, 4201788.9,       6.9,       6.9,       1.5);        ( 555993.8, 4201788.9,       6.9,       6.9,       1.5);
    ( 556003.8, 4201788.9,       6.9,       6.9,       1.5);        ( 556013.8, 4201788.9,       7.0,       7.0,       1.5);
    ( 556023.8, 4201788.9,       7.1,       7.1,       1.5);        ( 555823.8, 4201798.9,       6.2,       6.2,       1.5);
    ( 555833.8, 4201798.9,       6.3,       6.3,       1.5);        ( 555843.8, 4201798.9,       6.3,       6.3,       1.5);
    ( 555853.8, 4201798.9,       6.3,       6.3,       1.5);        ( 555863.8, 4201798.9,       6.4,       6.4,       1.5);
    ( 555873.8, 4201798.9,       6.4,       6.4,       1.5);        ( 555883.8, 4201798.9,       6.4,       6.4,       1.5);
    ( 555893.8, 4201798.9,       6.5,       6.5,       1.5);        ( 555903.8, 4201798.9,       6.5,       6.5,       1.5);
    ( 555913.8, 4201798.9,       6.5,       6.5,       1.5);        ( 555923.8, 4201798.9,       6.6,       6.6,       1.5);
    ( 555933.8, 4201798.9,       6.6,       6.6,       1.5);        ( 555943.8, 4201798.9,       6.6,       6.6,       1.5);
    ( 555953.8, 4201798.9,       6.7,       6.7,       1.5);        ( 555963.8, 4201798.9,       6.8,       6.8,       1.5);
    ( 555973.8, 4201798.9,       6.8,       6.8,       1.5);        ( 555983.8, 4201798.9,       6.9,       6.9,       1.5);
    ( 555993.8, 4201798.9,       6.9,       6.9,       1.5);        ( 556003.8, 4201798.9,       7.0,       7.0,       1.5);
    ( 556013.8, 4201798.9,       7.0,       7.0,       1.5);        ( 556023.8, 4201798.9,       7.0,       7.0,       1.5);
```

Model Output - School Receptors
Unit Emission Rates (1 g/s)

```
    ( 555913.8, 4201808.9,       6.5,       6.5,       1.5);         ( 555923.8, 4201808.9,       6.6,       6.6,       1.5);
    ( 555933.8, 4201808.9,       6.6,       6.6,       1.5);         ( 555943.8, 4201808.9,       6.6,       6.6,       1.5);
    ( 555953.8, 4201808.9,       6.7,       6.7,       1.5);         ( 555963.8, 4201808.9,       6.8,       6.8,       1.5);
    ( 555973.8, 4201808.9,       6.8,       6.8,       1.5);         ( 555983.8, 4201808.9,       6.9,       6.9,       1.5);
    ( 555993.8, 4201808.9,       6.9,       6.9,       1.5);         ( 556003.8, 4201808.9,       7.0,       7.0,       1.5);
    ( 556013.8, 4201808.9,       7.0,       7.0,       1.5);         ( 556023.8, 4201808.9,       7.0,       7.0,       1.5);
    ( 555933.8, 4201818.9,       6.6,       6.6,       1.5);         ( 555943.8, 4201818.9,       6.6,       6.6,       1.5);
    ( 555953.8, 4201818.9,       6.7,       6.7,       1.5);         ( 555963.8, 4201818.9,       6.8,       6.8,       1.5);
    ( 555973.8, 4201818.9,       6.8,       6.8,       1.5);         ( 555983.8, 4201818.9,       6.9,       6.9,       1.5);
*** AERMOD - VERSION  19191 ***   *** Single Warehouse Alternative 506 Brookside Dr HRA - School Receptors ***        10/13/20
*** AERMET - VERSION  18081 ***   *** North Richmond, CA                                                   ***        12:18:12
                                                                                                                      PAGE 397
*** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  SigA Data

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                    (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

    ( 555993.8, 4201818.9,       6.9,       6.9,       1.5);         ( 556003.8, 4201818.9,       7.0,       7.0,       1.5);
    ( 556013.8, 4201818.9,       7.0,       7.0,       1.5);         ( 556023.8, 4201818.9,       7.0,       7.0,       1.5);
```

Model Output - School Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

Model Output - School Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: ..\..\CPP011op\Op_School\Op_School.SFC Met Version: 18081
Profile file: ..\..\CPP011op\Op_School\Op_School.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 23230 Upper air station no.: 23230
Name: OAKLAND/WSO_AP Name: OAKLAND/WSO_AP
Year: 2009 Year: 2009

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
13	01	01	1	01	-6.3	0.084	-9.000	-9.000	-999.	58.	8.4	0.17	0.63	1.00	1.70	173.	10.0	279.9	8.8
13	01	01	1	02	-9.2	0.134	-9.000	-9.000	-999.	117.	23.7	0.15	0.63	1.00	2.10	93.	10.0	278.4	8.8
13	01	01	1	03	-6.5	0.086	-9.000	-9.000	-999.	61.	9.0	0.15	0.63	1.00	1.80	63.	10.0	278.4	8.8
13	01	01	1	04	-11.3	0.164	-9.000	-9.000	-999.	160.	35.8	0.19	0.63	1.00	2.20	25.	10.0	278.5	8.8
13	01	01	1	05	-15.9	0.232	-9.000	-9.000	-999.	268.	71.3	0.19	0.63	1.00	2.70	43.	10.0	278.8	8.8
13	01	01	1	06	-25.3	0.368	-9.000	-9.000	-999.	537.	180.2	0.15	0.63	1.00	4.10	72.	10.0	278.9	8.8
13	01	01	1	07	-24.5	0.242	-9.000	-9.000	-999.	296.	52.9	0.15	0.63	1.00	3.10	64.	10.0	278.5	8.8
13	01	01	1	08	-28.7	0.284	-9.000	-9.000	-999.	363.	72.7	0.19	0.63	1.00	3.30	56.	10.0	278.1	8.8
13	01	01	1	09	1.9	0.246	0.106	0.005	23.	293.	-724.2	0.19	0.63	0.38	2.40	49.	10.0	278.5	8.8
13	01	01	1	10	39.2	0.414	0.490	0.007	109.	639.	-164.7	0.19	0.63	0.25	3.90	42.	10.0	279.9	8.8
13	01	01	1	11	68.1	0.405	0.767	0.007	241.	619.	-88.9	0.19	0.63	0.20	3.70	26.	10.0	280.8	8.8
13	01	01	1	12	84.6	0.456	1.112	0.008	592.	738.	-102.1	0.19	0.63	0.19	4.20	26.	10.0	281.6	8.8
13	01	01	1	13	87.7	0.532	1.277	0.007	865.	929.	-156.0	0.19	0.63	0.18	5.00	50.	10.0	282.8	8.8
13	01	01	1	14	77.3	0.596	1.242	0.005	903.	1103.	-249.4	0.19	0.63	0.19	5.70	58.	10.0	283.8	8.8
13	01	01	1	15	53.8	0.729	1.108	0.005	920.	1489.	-653.8	0.15	0.63	0.22	7.50	62.	10.0	284.4	8.8
13	01	01	1	16	19.4	0.459	0.790	0.007	925.	827.	-454.5	0.15	0.63	0.31	4.70	72.	10.0	284.4	8.8
13	01	01	1	17	-32.5	0.383	-9.000	-9.000	-999.	578.	157.6	0.15	0.63	0.54	4.30	78.	10.0	283.9	8.8
13	01	01	1	18	-22.8	0.210	-9.000	-9.000	-999.	256.	36.9	0.15	0.63	1.00	2.90	99.	10.0	282.6	8.8
13	01	01	1	19	-12.8	0.118	-9.000	-9.000	-999.	103.	11.7	0.17	0.63	1.00	2.40	124.	10.0	281.8	8.8
13	01	01	1	20	-1.7	0.043	-9.000	-9.000	-999.	25.	4.2	0.15	0.63	1.00	0.90	336.	10.0	281.1	8.8
13	01	01	1	21	-2.6	0.053	-9.000	-9.000	-999.	29.	5.2	0.15	0.63	1.00	1.10	304.	10.0	281.2	8.8
13	01	01	1	22	-5.5	0.077	-9.000	-9.000	-999.	51.	7.5	0.15	0.63	1.00	1.60	94.	10.0	280.6	8.8
13	01	01	1	23	-3.4	0.061	-9.000	-9.000	-999.	36.	6.1	0.19	0.63	1.00	1.20	19.	10.0	279.0	8.8
13	01	01	1	24	-6.7	0.086	-9.000	-9.000	-999.	60.	8.6	0.19	0.63	1.00	1.70	30.	10.0	278.2	8.8

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
13	01	01	01	8.8	0	-999.	-99.00	280.0	999.0	-99.00	-99.00
13	01	01	01	10.0	1	173.	1.70	-999.0	25.2	-99.00	0.68

F indicates top of profile (=1) or below (=0)

Model Output - School Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKRUN ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
555873.83	4201678.86	0.55111	555883.83	4201678.86	0.57839
555893.83	4201678.86	0.60469	555903.83	4201678.86	0.62962
555913.83	4201678.86	0.65267	555923.83	4201678.86	0.67354
555933.83	4201678.86	0.69230	555943.83	4201678.86	0.70867
555853.83	4201688.86	0.51921	555863.83	4201688.86	0.54992
555873.83	4201688.86	0.58044	555883.83	4201688.86	0.61064
555893.83	4201688.86	0.63986	555903.83	4201688.86	0.66750
555913.83	4201688.86	0.69333	555923.83	4201688.86	0.71688
555933.83	4201688.86	0.73775	555943.83	4201688.86	0.75564
555953.83	4201688.86	0.77072	555963.83	4201688.86	0.78270
555823.83	4201698.86	0.44976	555833.83	4201698.86	0.47979
555843.83	4201698.86	0.51157	555853.83	4201698.86	0.54459
555863.83	4201698.86	0.57824	555873.83	4201698.86	0.61211
555883.83	4201698.86	0.64568	555893.83	4201698.86	0.67814
555903.83	4201698.86	0.70888	555913.83	4201698.86	0.73777
555923.83	4201698.86	0.76417	555933.83	4201698.86	0.78757
555943.83	4201698.86	0.80783	555953.83	4201698.86	0.82454
555963.83	4201698.86	0.83737	555973.83	4201698.86	0.84635
555983.83	4201698.86	0.85119	555813.83	4201708.86	0.43861
555823.83	4201708.86	0.46899	555833.83	4201708.86	0.50145
555843.83	4201708.86	0.53593	555853.83	4201708.86	0.57183
555863.83	4201708.86	0.60860	555873.83	4201708.86	0.64602
555883.83	4201708.86	0.68327	555893.83	4201708.86	0.71950
555903.83	4201708.86	0.75423	555913.83	4201708.86	0.78675
555923.83	4201708.86	0.81642	555933.83	4201708.86	0.84256
555943.83	4201708.86	0.86518	555953.83	4201708.86	0.88398
555963.83	4201708.86	0.89847	555973.83	4201708.86	0.90831
555983.83	4201708.86	0.91308	555993.83	4201708.86	0.91291
556003.83	4201708.86	0.90757	555813.83	4201718.86	0.45724
555823.83	4201718.86	0.48955	555833.83	4201718.86	0.52425
555843.83	4201718.86	0.56152	555853.83	4201718.86	0.60080
555863.83	4201718.86	0.64138	555873.83	4201718.86	0.68282
555883.83	4201718.86	0.72423	555893.83	4201718.86	0.76455
555903.83	4201718.86	0.80349	555913.83	4201718.86	0.84011
555923.83	4201718.86	0.87370	555933.83	4201718.86	0.90353
555943.83	4201718.86	0.92892	555953.83	4201718.86	0.94994
555963.83	4201718.86	0.96603	555973.83	4201718.86	0.97685

Model Output - School Receptors
Unit Emission Rates (1 g/s)

555983.83	4201718.86	0.98196	555993.83	4201718.86	0.98098
556003.83	4201718.86	0.97409	556013.83	4201718.86	0.96094
555813.83	4201728.86	0.47670	555823.83	4201728.86	0.51120

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKRUN ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
555833.83	4201728.86	0.54879	555843.83	4201728.86	0.58921
555853.83	4201728.86	0.63192	555863.83	4201728.86	0.67632
555873.83	4201728.86	0.72209	555883.83	4201728.86	0.76827
555893.83	4201728.86	0.81390	555903.83	4201728.86	0.85787
555913.83	4201728.86	0.89897	555923.83	4201728.86	0.93697
555933.83	4201728.86	0.97092	555943.83	4201728.86	1.00015
555953.83	4201728.86	1.02383	555963.83	4201728.86	1.04148
555973.83	4201728.86	1.05329	555983.83	4201728.86	1.05851
555993.83	4201728.86	1.05666	556003.83	4201728.86	1.04796
556013.83	4201728.86	1.03204	555813.83	4201738.86	0.49799
555823.83	4201738.86	0.53439	555833.83	4201738.86	0.57459
555843.83	4201738.86	0.61822	555853.83	4201738.86	0.66496
555863.83	4201738.86	0.71415	555873.83	4201738.86	0.76496
555883.83	4201738.86	0.81619	555893.83	4201738.86	0.86731
555903.83	4201738.86	0.91714	555913.83	4201738.86	0.96427
555923.83	4201738.86	1.00727	555933.83	4201738.86	1.04589
555943.83	4201738.86	1.07916	555953.83	4201738.86	1.10612
555963.83	4201738.86	1.12598	555973.83	4201738.86	1.13898
555983.83	4201738.86	1.14425	555993.83	4201738.86	1.14127
556003.83	4201738.86	1.13035	556013.83	4201738.86	1.11089
556023.83	4201738.86	1.08363	555813.83	4201748.86	0.52058
555823.83	4201748.86	0.55955	555833.83	4201748.86	0.60274
555843.83	4201748.86	0.64951	555853.83	4201748.86	0.70029
555863.83	4201748.86	0.75432	555873.83	4201748.86	0.81080
555883.83	4201748.86	0.86852	555893.83	4201748.86	0.92593
555903.83	4201748.86	0.98227	555913.83	4201748.86	1.03615
555923.83	4201748.86	1.08587	555933.83	4201748.86	1.12991
555943.83	4201748.86	1.16784	555953.83	4201748.86	1.19864
555963.83	4201748.86	1.22111	555973.83	4201748.86	1.23547
555983.83	4201748.86	1.24070	555993.83	4201748.86	1.23626
556003.83	4201748.86	1.22246	556013.83	4201748.86	1.19877
556023.83	4201748.86	1.16608	555813.83	4201758.86	0.54511
555823.83	4201758.86	0.58621	555833.83	4201758.86	0.63240
555843.83	4201758.86	0.68346	555853.83	4201758.86	0.73891

Model Output - School Receptors
Unit Emission Rates (1 g/s)

555863.83	4201758.86	0.79787	555873.83	4201758.86	0.86031
555883.83	4201758.86	0.92509	555893.83	4201758.86	0.99042
555903.83	4201758.86	1.05435	555913.83	4201758.86	1.11586
555923.83	4201758.86	1.17321	555933.83	4201758.86	1.22439
555943.83	4201758.86	1.26794	555953.83	4201758.86	1.30318
555963.83	4201758.86	1.32884	555973.83	4201758.86	1.34466

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKRUN ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
555983.83	4201758.86	1.34974	555993.83	4201758.86	1.34336
556003.83	4201758.86	1.32592	556013.83	4201758.86	1.29695
556023.83	4201758.86	1.25758	555813.83	4201768.86	0.57119
555823.83	4201768.86	0.61546	555833.83	4201768.86	0.66443
555843.83	4201768.86	0.71934	555853.83	4201768.86	0.77984
555863.83	4201768.86	0.84522	555873.83	4201768.86	0.91417
555883.83	4201768.86	0.98665	555893.83	4201768.86	1.06079
555903.83	4201768.86	1.13425	555913.83	4201768.86	1.20470
555923.83	4201768.86	1.27101	555933.83	4201768.86	1.33048
555943.83	4201768.86	1.38103	555953.83	4201768.86	1.42210
555963.83	4201768.86	1.45194	555973.83	4201768.86	1.46911
555983.83	4201768.86	1.47358	555993.83	4201768.86	1.46472
556003.83	4201768.86	1.44265	556013.83	4201768.86	1.40703
556023.83	4201768.86	1.35956	555813.83	4201778.86	0.59970
555823.83	4201778.86	0.64657	555833.83	4201778.86	0.69962
555843.83	4201778.86	0.75842	555853.83	4201778.86	0.82394
555863.83	4201778.86	0.89594	555873.83	4201778.86	0.97338
555883.83	4201778.86	1.05422	555893.83	4201778.86	1.13806
555903.83	4201778.86	1.22233	555913.83	4201778.86	1.30394
555923.83	4201778.86	1.38107	555933.83	4201778.86	1.45065
555943.83	4201778.86	1.50987	555953.83	4201778.86	1.55779
555963.83	4201778.86	1.59223	555973.83	4201778.86	1.61142
555983.83	4201778.86	1.61525	555993.83	4201778.86	1.60300
556003.83	4201778.86	1.57484	556013.83	4201778.86	1.53100
556023.83	4201778.86	1.47342	555813.83	4201788.86	0.63104
555823.83	4201788.86	0.68049	555833.83	4201788.86	0.73717
555843.83	4201788.86	0.80120	555853.83	4201788.86	0.87211
555863.83	4201788.86	0.95086	555873.83	4201788.86	1.03693
555883.83	4201788.86	1.12864	555893.83	4201788.86	1.22335
555903.83	4201788.86	1.32043	555913.83	4201788.86	1.41590
555923.83	4201788.86	1.50556	555933.83	4201788.86	1.58745

Model Output - School Receptors
Unit Emission Rates (1 g/s)

555943.83	4201788.86	1.65763	555953.83	4201788.86	1.71381
555963.83	4201788.86	1.75392	555973.83	4201788.86	1.77548
555983.83	4201788.86	1.77824	555993.83	4201788.86	1.76147
556003.83	4201788.86	1.72562	556013.83	4201788.86	1.67081
556023.83	4201788.86	1.60003	**555823.83**	**4201798.86**	**0.71812 MER LOCATION**
555833.83	4201798.86	0.77822	555843.83	4201798.86	0.84715
555853.83	4201798.86	0.92502	555863.83	4201798.86	1.01110
555873.83	4201798.86	1.10630	555883.83	4201798.86	1.20949
555893.83	4201798.86	1.31774	555903.83	4201798.86	1.42949

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKRUN ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
555913.83	4201798.86	1.54084	555923.83	4201798.86	1.64675
555933.83	4201798.86	1.74430	555943.83	4201798.86	1.82832
555953.83	4201798.86	1.89464	555963.83	4201798.86	1.94154
555973.83	4201798.86	1.96601	555983.83	4201798.86	1.96713
555993.83	4201798.86	1.94412	556003.83	4201798.86	1.89802
556013.83	4201798.86	1.82958	556023.83	4201798.86	1.74289
555913.83	4201808.86	1.68200	555923.83	4201808.86	1.80778
555933.83	4201808.86	1.92465	555943.83	4201808.86	2.02582
555953.83	4201808.86	2.10562	555963.83	4201808.86	2.16138
555973.83	4201808.86	2.18918	555983.83	4201808.86	2.18778
555993.83	4201808.86	2.15641	556003.83	4201808.86	2.09666
556013.83	4201808.86	2.01013	556023.83	4201808.86	1.90248
555933.83	4201818.86	2.13369	555943.83	4201818.86	2.25688
555953.83	4201818.86	2.35414	555963.83	4201818.86	2.42128
555973.83	4201818.86	2.45307	555983.83	4201818.86	2.44785
555993.83	4201818.86	2.40490	556003.83	4201818.86	2.32673
556013.83	4201818.86	2.21634	556023.83	4201818.86	2.08169

Model Output - School Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKIDL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 , STCK7 , STCK8 , STCK9 , STCK10 , STCK11 , STCK12 , STCK13 ,
STCK14 , STCK15 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
555873.83	4201678.86	8.41193	555883.83	4201678.86	8.64677
555893.83	4201678.86	8.87472	555903.83	4201678.86	9.09254
555913.83	4201678.86	9.30002	555923.83	4201678.86	9.49606
555933.83	4201678.86	9.68556	555943.83	4201678.86	9.87646
555853.83	4201688.86	8.30438	555863.83	4201688.86	8.57568
555873.83	4201688.86	8.83496	555883.83	4201688.86	9.08926
555893.83	4201688.86	9.34227	555903.83	4201688.86	9.58373
555913.83	4201688.86	9.81153	555923.83	4201688.86	10.02819
555933.83	4201688.86	10.23544	555943.83	4201688.86	10.44180
555953.83	4201688.86	10.63224	555963.83	4201688.86	10.80240
555823.83	4201698.86	7.72699	555833.83	4201698.86	8.05250
555843.83	4201698.86	8.38468	555853.83	4201698.86	8.70050
555863.83	4201698.86	8.99525	555873.83	4201698.86	9.28683
555883.83	4201698.86	9.56465	555893.83	4201698.86	9.84430
555903.83	4201698.86	10.11270	555913.83	4201698.86	10.36519
555923.83	4201698.86	10.60333	555933.83	4201698.86	10.83176
555943.83	4201698.86	11.05650	555953.83	4201698.86	11.26268
555963.83	4201698.86	11.44381	555973.83	4201698.86	11.59468
555983.83	4201698.86	11.70791	555813.83	4201708.86	7.69597
555823.83	4201708.86	8.05187	555833.83	4201708.86	8.39887
555843.83	4201708.86	8.76411	555853.83	4201708.86	9.11696
555863.83	4201708.86	9.44383	555873.83	4201708.86	9.76946
555883.83	4201708.86	10.07367	555893.83	4201708.86	10.38703
555903.83	4201708.86	10.68384	555913.83	4201708.86	10.96454
555923.83	4201708.86	11.22817	555933.83	4201708.86	11.47964
555943.83	4201708.86	11.72331	555953.83	4201708.86	11.94764
555963.83	4201708.86	12.14361	555973.83	4201708.86	12.30365
555983.83	4201708.86	12.41842	555993.83	4201708.86	12.48183
556003.83	4201708.86	12.48625	555813.83	4201718.86	8.00058
555823.83	4201718.86	8.38743	555833.83	4201718.86	8.76496
555843.83	4201718.86	9.16040	555853.83	4201718.86	9.55249
555863.83	4201718.86	9.92266	555873.83	4201718.86	10.28351
555883.83	4201718.86	10.62564	555893.83	4201718.86	10.96840
555903.83	4201718.86	11.29969	555913.83	4201718.86	11.61210
555923.83	4201718.86	11.90574	555933.83	4201718.86	12.18336

Model Output - School Receptors
Unit Emission Rates (1 g/s)

555943.83	4201718.86	12.44988	555953.83	4201718.86	12.69378
555963.83	4201718.86	12.90438	555973.83	4201718.86	13.07376
555983.83	4201718.86	13.19157	555993.83	4201718.86	13.24746
556003.83	4201718.86	13.23561	556013.83	4201718.86	13.14870
555813.83	4201728.86	8.31386	555823.83	4201728.86	8.73279

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKIDL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 , STCK7 , STCK8 , STCK9 , STCK10 , STCK11 , STCK12 , STCK13 ,
STCK14 , STCK15 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
555833.83	4201728.86	9.15693	555843.83	4201728.86	9.57983
555853.83	4201728.86	10.01706	555863.83	4201728.86	10.43483
555873.83	4201728.86	10.82947	555883.83	4201728.86	11.21817
555893.83	4201728.86	11.59724	555903.83	4201728.86	11.96870
555913.83	4201728.86	12.31616	555923.83	4201728.86	12.64410
555933.83	4201728.86	12.95064	555943.83	4201728.86	13.24365
555953.83	4201728.86	13.50957	555963.83	4201728.86	13.73540
555973.83	4201728.86	13.91351	555983.83	4201728.86	14.03161
555993.83	4201728.86	14.07778	556003.83	4201728.86	14.04598
556013.83	4201728.86	13.92856	555813.83	4201738.86	8.64914
555823.83	4201738.86	9.09607	555833.83	4201738.86	9.56282
555843.83	4201738.86	10.02126	555853.83	4201738.86	10.50318
555863.83	4201738.86	10.97726	555873.83	4201738.86	11.41941
555883.83	4201738.86	11.85548	555893.83	4201738.86	12.27220
555903.83	4201738.86	12.69127	555913.83	4201738.86	13.08399
555923.83	4201738.86	13.44862	555933.83	4201738.86	13.78851
555943.83	4201738.86	14.11000	555953.83	4201738.86	14.40118
555963.83	4201738.86	14.64443	555973.83	4201738.86	14.83123
555983.83	4201738.86	14.94764	555993.83	4201738.86	14.98032
556003.83	4201738.86	14.92359	556013.83	4201738.86	14.76741
556023.83	4201738.86	14.51483	555813.83	4201748.86	9.00242
555823.83	4201748.86	9.48101	555833.83	4201748.86	9.98829
555843.83	4201748.86	10.49507	555853.83	4201748.86	11.01361
555863.83	4201748.86	11.54427	555873.83	4201748.86	12.05016
555883.83	4201748.86	12.54296	555893.83	4201748.86	13.00511
555903.83	4201748.86	13.47329	555913.83	4201748.86	13.91691
555923.83	4201748.86	14.32824	555933.83	4201748.86	14.70486
555943.83	4201748.86	15.06043	555953.83	4201748.86	15.37938
555963.83	4201748.86	15.64125	555973.83	4201748.86	15.83608
555983.83	4201748.86	15.94811	555993.83	4201748.86	15.96234

Model Output - School Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKIDL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 , STCK7 , STCK8 , STCK9 , STCK10 , STCK11 , STCK12 , STCK13 ,
STCK14 , STCK15 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
556003.83	4201748.86	15.87323	556013.83	4201748.86	15.67040
556023.83	4201748.86	15.35943	555813.83	4201758.86	9.37333
555823.83	4201758.86	9.88238	555833.83	4201758.86	10.42921
555843.83	4201758.86	11.00062	555853.83	4201758.86	11.56213
555863.83	4201758.86	12.15115	555873.83	4201758.86	12.72691
555883.83	4201758.86	13.27532	555893.83	4201758.86	13.80350
555903.83	4201758.86	14.32612	555913.83	4201758.86	14.82558
555923.83	4201758.86	15.28913	555933.83	4201758.86	15.71255
555943.83	4201758.86	16.10569	555953.83	4201758.86	16.45508
555963.83	4201758.86	16.73699	555973.83	4201758.86	16.93844
555983.83	4201758.86	17.04248	555993.83	4201758.86	17.03196
556003.83	4201758.86	16.90135	556013.83	4201758.86	16.64110
556023.83	4201758.86	16.25990	555813.83	4201768.86	9.76385
555823.83	4201768.86	10.31144	555833.83	4201768.86	10.89328
555843.83	4201768.86	11.51464	555853.83	4201768.86	12.14645
555863.83	4201768.86	12.79715	555873.83	4201768.86	13.44691
555883.83	4201768.86	14.06341	555893.83	4201768.86	14.66734
555903.83	4201768.86	15.25258	555913.83	4201768.86	15.81775
555923.83	4201768.86	16.34251	555933.83	4201768.86	16.82141
555943.83	4201768.86	17.25689	555953.83	4201768.86	17.64126
555963.83	4201768.86	17.94617	555973.83	4201768.86	18.15123
555983.83	4201768.86	18.24062	555993.83	4201768.86	18.19724
556003.83	4201768.86	18.01426	556013.83	4201768.86	17.68369
556023.83	4201768.86	17.21990	555813.83	4201778.86	10.18431
555823.83	4201778.86	10.75863	555833.83	4201778.86	11.39168
555843.83	4201778.86	12.06058	555853.83	4201778.86	12.76807
555863.83	4201778.86	13.47510	555873.83	4201778.86	14.21606
555883.83	4201778.86	14.91949	555893.83	4201778.86	15.60335
555903.83	4201778.86	16.26075	555913.83	4201778.86	16.90569
555923.83	4201778.86	17.50291	555933.83	4201778.86	18.04375
555943.83	4201778.86	18.52853	555953.83	4201778.86	18.95136
555963.83	4201778.86	19.27870	555973.83	4201778.86	19.48581
555983.83	4201778.86	19.55481	555993.83	4201778.86	19.46784
556003.83	4201778.86	19.21761	556013.83	4201778.86	18.80232
556023.83	4201778.86	18.23923	555813.83	4201788.86	10.63474

Model Output - School Receptors
Unit Emission Rates (1 g/s)

555823.83	4201788.86	11.23723	555833.83	4201788.86	11.90580
555843.83	4201788.86	12.64218	555853.83	4201788.86	13.41614
555863.83	4201788.86	14.20535	555873.83	4201788.86	15.02996
555883.83	4201788.86	15.84467	555893.83	4201788.86	16.61694
555903.83	4201788.86	17.36361	555913.83	4201788.86	18.10394
555923.83	4201788.86	18.78207	555933.83	4201788.86	19.39454
555943.83	4201788.86	19.93745	555953.83	4201788.86	20.40345
555963.83	4201788.86	20.75318	555973.83	4201788.86	20.95815
555983.83	4201788.86	20.99821	555993.83	4201788.86	20.85347
556003.83	4201788.86	20.52003	556013.83	4201788.86	19.99588
556023.83	4201788.86	19.30881	**555823.83**	**4201798.86**	**11.75939 MER LOCATION**
555833.83	4201798.86	12.46101	555843.83	4201798.86	13.25137
555853.83	4201798.86	14.10459	555863.83	4201798.86	14.99153
555873.83	4201798.86	15.89438	555883.83	4201798.86	16.82947
555893.83	4201798.86	17.71606	555903.83	4201798.86	18.57578

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKIDL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 , STCK7 , STCK8 , STCK9 , STCK10 , STCK11 , STCK12 , STCK13 ,
STCK14 , STCK15 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
555913.83	4201798.86	19.41831	555923.83	4201798.86	20.19472
555933.83	4201798.86	20.89165	555943.83	4201798.86	21.50438
555953.83	4201798.86	22.01731	555963.83	4201798.86	22.38917
555973.83	4201798.86	22.58668	555983.83	4201798.86	22.58455
555993.83	4201798.86	22.36233	556003.83	4201798.86	21.92229
556013.83	4201798.86	21.26962	556023.83	4201798.86	20.44280
555913.83	4201808.86	20.86188	555923.83	4201808.86	21.76192
555933.83	4201808.86	22.55775	555943.83	4201808.86	23.25001
555953.83	4201808.86	23.81766	555963.83	4201808.86	24.21058
555973.83	4201808.86	24.38994	555983.83	4201808.86	24.32801
555993.83	4201808.86	24.00537	556003.83	4201808.86	23.43101
556013.83	4201808.86	22.61799	556023.83	4201808.86	21.61893
555933.83	4201818.86	24.42113	555943.83	4201818.86	25.20489
555953.83	4201818.86	25.83190	555963.83	4201818.86	26.24172
555973.83	4201818.86	26.38882	555983.83	4201818.86	26.24337
555993.83	4201818.86	25.78898	556003.83	4201818.86	25.04551
556013.83	4201818.86	24.03785	556023.83	4201818.86	22.83477

Model Output - School Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** THE SUMMARY OF MAXIMUM PERIOD (35064 HRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
			MER LOCATION		
TRUCKRTE	1ST HIGHEST VALUE IS	0.39210 AT	(555823.83, 4201798.86, 6.24, 6.24, 1.50)	DC	
	2ND HIGHEST VALUE IS	0.39054 AT	(555813.83, 4201788.86, 6.24, 6.24, 1.50)	DC	
	3RD HIGHEST VALUE IS	0.37958 AT	(555833.83, 4201798.86, 6.31, 6.31, 1.50)	DC	
	4TH HIGHEST VALUE IS	0.37777 AT	(555823.83, 4201788.86, 6.31, 6.31, 1.50)	DC	
	5TH HIGHEST VALUE IS	0.37619 AT	(555813.83, 4201778.86, 6.30, 6.30, 1.50)	DC	
	6TH HIGHEST VALUE IS	0.36805 AT	(555843.83, 4201798.86, 6.33, 6.33, 1.50)	DC	
	7TH HIGHEST VALUE IS	0.36604 AT	(555833.83, 4201788.86, 6.33, 6.33, 1.50)	DC	
	8TH HIGHEST VALUE IS	0.36421 AT	(555823.83, 4201778.86, 6.33, 6.33, 1.50)	DC	
	9TH HIGHEST VALUE IS	0.36260 AT	(555813.83, 4201768.86, 6.33, 6.33, 1.50)	DC	
	10TH HIGHEST VALUE IS	0.35727 AT	(555853.83, 4201798.86, 6.34, 6.34, 1.50)	DC	
VANRTE	1ST HIGHEST VALUE IS	0.07316 AT	(555823.83, 4201798.86, 6.24, 6.24, 1.50)	DC	
	2ND HIGHEST VALUE IS	0.07312 AT	(555813.83, 4201788.86, 6.24, 6.24, 1.50)	DC	
	3RD HIGHEST VALUE IS	0.07079 AT	(555833.83, 4201798.86, 6.31, 6.31, 1.50)	DC	
	4TH HIGHEST VALUE IS	0.07064 AT	(555813.83, 4201778.86, 6.30, 6.30, 1.50)	DC	
	5TH HIGHEST VALUE IS	0.07063 AT	(555823.83, 4201788.86, 6.31, 6.31, 1.50)	DC	
	6TH HIGHEST VALUE IS	0.06865 AT	(555843.83, 4201798.86, 6.33, 6.33, 1.50)	DC	
	7TH HIGHEST VALUE IS	0.06839 AT	(555833.83, 4201788.86, 6.33, 6.33, 1.50)	DC	
	8TH HIGHEST VALUE IS	0.06831 AT	(555813.83, 4201768.86, 6.33, 6.33, 1.50)	DC	
	9TH HIGHEST VALUE IS	0.06827 AT	(555823.83, 4201778.86, 6.33, 6.33, 1.50)	DC	
	10TH HIGHEST VALUE IS	0.06668 AT	(555853.83, 4201798.86, 6.34, 6.34, 1.50)	DC	
TRUCKRUN	1ST HIGHEST VALUE IS	2.45307 AT	(555973.83, 4201818.86, 6.81, 6.81, 1.50)	DC	
	2ND HIGHEST VALUE IS	2.44785 AT	(555983.83, 4201818.86, 6.86, 6.86, 1.50)	DC	
	3RD HIGHEST VALUE IS	2.42128 AT	(555963.83, 4201818.86, 6.75, 6.75, 1.50)	DC	
	4TH HIGHEST VALUE IS	2.40490 AT	(555993.83, 4201818.86, 6.92, 6.92, 1.50)	DC	
	5TH HIGHEST VALUE IS	2.35414 AT	(555953.83, 4201818.86, 6.72, 6.72, 1.50)	DC	
	6TH HIGHEST VALUE IS	2.32673 AT	(556003.83, 4201818.86, 6.95, 6.95, 1.50)	DC	
	7TH HIGHEST VALUE IS	2.25688 AT	(555943.83, 4201818.86, 6.65, 6.65, 1.50)	DC	
	8TH HIGHEST VALUE IS	2.21634 AT	(556013.83, 4201818.86, 7.02, 7.02, 1.50)	DC	
	9TH HIGHEST VALUE IS	2.18918 AT	(555973.83, 4201808.86, 6.81, 6.81, 1.50)	DC	
	10TH HIGHEST VALUE IS	2.18778 AT	(555983.83, 4201808.86, 6.86, 6.86, 1.50)	DC	
TRUCKIDL	1ST HIGHEST VALUE IS	26.38882 AT	(555973.83, 4201818.86, 6.81, 6.81, 1.50)	DC	
	2ND HIGHEST VALUE IS	26.24337 AT	(555983.83, 4201818.86, 6.86, 6.86, 1.50)	DC	
	3RD HIGHEST VALUE IS	26.24172 AT	(555963.83, 4201818.86, 6.75, 6.75, 1.50)	DC	
	4TH HIGHEST VALUE IS	25.83190 AT	(555953.83, 4201818.86, 6.72, 6.72, 1.50)	DC	

Model Output - School Receptors
Unit Emission Rates (1 g/s)

```
          5TH HIGHEST VALUE IS      25.78898 AT (  555993.83,  4201818.86,     6.92,     6.92,    1.50)  DC
          6TH HIGHEST VALUE IS      25.20489 AT (  555943.83,  4201818.86,     6.65,     6.65,    1.50)  DC
          7TH HIGHEST VALUE IS      25.04551 AT (  556003.83,  4201818.86,     6.95,     6.95,    1.50)  DC
          8TH HIGHEST VALUE IS      24.42113 AT (  555933.83,  4201818.86,     6.63,     6.63,    1.50)  DC
          9TH HIGHEST VALUE IS      24.38994 AT (  555973.83,  4201808.86,     6.81,     6.81,    1.50)  DC
         10TH HIGHEST VALUE IS      24.32801 AT (  555983.83,  4201808.86,     6.86,     6.86,    1.50)  DC

 *** AERMOD - VERSION  19191 ***   *** Single Warehouse Alternative 506 Brookside Dr HRA - School Receptors ***        10/13/20
 *** AERMET - VERSION  18081 ***   *** North Richmond, CA                                                  ***        12:18:12
                                                                                                                     PAGE 425
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  SigA Data

                                    *** THE SUMMARY OF MAXIMUM PERIOD ( 35064 HRS) RESULTS ***


                                    ** CONC OF OTHER    IN MICROGRAMS/M**3                        **

                                                                                                          NETWORK
GROUP ID                       AVERAGE CONC              RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

DELIVVAN  1ST HIGHEST VALUE IS       0.81413 AT (  555823.83,  4201798.86,     6.24,     6.24,    1.50)  DC
          2ND HIGHEST VALUE IS       0.77435 AT (  555833.83,  4201798.86,     6.31,     6.31,    1.50)  DC
          3RD HIGHEST VALUE IS       0.70599 AT (  555843.83,  4201798.86,     6.33,     6.33,    1.50)  DC
          4TH HIGHEST VALUE IS       0.68240 AT (  555813.83,  4201788.86,     6.24,     6.24,    1.50)  DC
          5TH HIGHEST VALUE IS       0.66364 AT (  555823.83,  4201788.86,     6.31,     6.31,    1.50)  DC
          6TH HIGHEST VALUE IS       0.63220 AT (  555833.83,  4201788.86,     6.33,     6.33,    1.50)  DC
          7TH HIGHEST VALUE IS       0.61150 AT (  555853.83,  4201798.86,     6.34,     6.34,    1.50)  DC
          8TH HIGHEST VALUE IS       0.58376 AT (  555843.83,  4201788.86,     6.34,     6.34,    1.50)  DC
          9TH HIGHEST VALUE IS       0.57534 AT (  555813.83,  4201778.86,     6.30,     6.30,    1.50)  DC
         10TH HIGHEST VALUE IS       0.55967 AT (  555823.83,  4201778.86,     6.33,     6.33,    1.50)  DC

VANIDLE   1ST HIGHEST VALUE IS       0.39408 AT (  555843.83,  4201798.86,     6.33,     6.33,    1.50)  DC
          2ND HIGHEST VALUE IS       0.39301 AT (  555833.83,  4201798.86,     6.31,     6.31,    1.50)  DC
          3RD HIGHEST VALUE IS       0.39214 AT (  555853.83,  4201798.86,     6.34,     6.34,    1.50)  DC
          4TH HIGHEST VALUE IS       0.38912 AT (  555823.83,  4201798.86,     6.24,     6.24,    1.50)  DC
          5TH HIGHEST VALUE IS       0.38695 AT (  555863.83,  4201798.86,     6.40,     6.40,    1.50)  DC
          6TH HIGHEST VALUE IS       0.37881 AT (  555873.83,  4201798.86,     6.43,     6.43,    1.50)  DC
          7TH HIGHEST VALUE IS       0.36784 AT (  555883.83,  4201798.86,     6.44,     6.44,    1.50)  DC
          8TH HIGHEST VALUE IS       0.36300 AT (  555843.83,  4201788.86,     6.34,     6.34,    1.50)  DC
          9TH HIGHEST VALUE IS       0.36178 AT (  555833.83,  4201788.86,     6.33,     6.33,    1.50)  DC
         10TH HIGHEST VALUE IS       0.36125 AT (  555853.83,  4201788.86,     6.40,     6.40,    1.50)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
```

Model Output - School Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: CONC ELEV FLGPOL URBAN SigA Data

*** Message Summary : AERMOD Model Execution ***

 --------- Summary of Total Messages --------

A Total of   0 Fatal Error Message(s)
A Total of   5 Warning Message(s)
A Total of   325 Informational Message(s)

A Total of   35064 Hours Were Processed

A Total of   0 Calm Hours Identified

A Total of   325 Missing Hours Identified (0.93 Percent)

   ******** FATAL ERROR MESSAGES ********
              *** NONE ***

   ********   WARNING MESSAGES   ********
MX W403   6046   PFLCNV: Turbulence data is being used w/o ADJ_U* option   SigA Data
MX W403   1   PFLCNV: Turbulence data is being used w/o ADJ_U* option   SigA Data
MX W492   1   METEXT: SURFDATA YR .NE. 1st YR of file, adj to match file StartYR 2013
MX W450   8761   CHKDAT: Record Out of Sequence in Meteorological File at: 15010101
MX W450   8761   CHKDAT: Record Out of Sequence in Meteorological File at: 1 year gap

   ****
   *** AERMOD Finishes Successfully ***
   ****

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

***   MODEL SETUP OPTIONS SUMMARY   ***

- -

**Model Is Setup For Calculation of Average CONCentration Values.

  -- DEPOSITION LOGIC --
**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION. DRYDPLT = F
**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for   370 Source(s),
  for Total of   1 Urban Area(s):
  Urban Population =   217853.0 ; Urban Roughness Length = 1.000 m

**Model Uses Regulatory DEFAULT Options:
        1. Stack-tip Downwash.
        2. Model Accounts for ELEVated Terrain Effects.
        3. Use Calms Processing Routine.
        4. Use Missing Data Processing Routine.
        5. No Exponential Decay.
        6. Urban Roughness Length of 1.0 Meter Assumed.

**Other Options Specified:
        TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Accepts FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: OTHER

**Model Calculates PERIOD Averages Only

**This Run Includes: 370 Source(s);   6 Source Group(s); and   378 Receptor(s)

               with: 15 POINT(s), including
                          0 POINTCAP(s) and   0 POINTHOR(s)
                and: 350 VOLUME source(s)
                and: 5 AREA type source(s)
                and: 0 LINE source(s)
                and: 0 RLINE/RLINEXT source(s)
                and: 0 OPENPIT source(s)
                and: 0 BUOYANT LINE source(s) with   0 line(s)

**Model Set To Continue RUNning After the Setup Testing.

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

```
**The AERMET Input Meteorological Data Version Date:  18081

**Output Options Selected:
         Model Outputs Tables of PERIOD Averages by Receptor
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                m for Missing Hours
                                                                b for Both Calm and Missing Hours

**Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =     1.50 ;  Decay Coef. =    0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                              ;  Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

**Approximate Storage Requirements of Model =      4.8 MB of RAM.

**Input Runstream File:          aermod.inp
**Output Print File:             aermod.out

**Detailed Error/Message File:   CPP06_res.err
**File for Summary of Results:   CPP06_res.sum
```

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR	EMIS RATE SCALAR VARY BY
STCK1	0	0.10000E+01	555948.6	4202052.3	6.3	4.15	366.00	50.00	0.10	YES	YES	NO	
STCK2	0	0.10000E+01	555948.6	4202048.5	6.3	4.15	366.00	50.00	0.10	YES	YES	NO	
STCK3	0	0.10000E+01	555948.6	4202044.1	6.3	4.15	366.00	50.00	0.10	YES	YES	NO	
STCK4	0	0.10000E+01	555948.6	4202039.7	6.3	4.15	366.00	50.00	0.10	YES	YES	NO	
STCK5	0	0.10000E+01	555948.6	4202035.9	6.3	4.15	366.00	50.00	0.10	YES	YES	NO	
STCK6	0	0.10000E+01	555948.6	4202031.9	6.3	4.15	366.00	50.00	0.10	YES	YES	NO	
STCK7	0	0.10000E+01	555948.6	4202027.7	6.4	4.15	366.00	50.00	0.10	YES	YES	NO	
STCK8	0	0.10000E+01	555948.6	4202019.4	6.4	4.15	366.00	50.00	0.10	YES	YES	NO	
STCK9	0	0.10000E+01	555948.6	4202015.7	6.4	4.15	366.00	50.00	0.10	YES	YES	NO	
STCK10	0	0.10000E+01	555948.6	4202011.3	6.4	4.15	366.00	50.00	0.10	YES	YES	NO	
STCK11	0	0.10000E+01	555948.6	4202007.3	6.4	4.15	366.00	50.00	0.10	YES	YES	NO	
STCK12	0	0.10000E+01	555948.6	4202003.1	6.4	4.15	366.00	50.00	0.10	YES	YES	NO	
STCK13	0	0.10000E+01	555948.6	4201998.9	6.4	4.15	366.00	50.00	0.10	YES	YES	NO	
STCK14	0	0.10000E+01	555948.6	4201994.9	6.4	4.15	366.00	50.00	0.10	YES	YES	NO	
STCK15	0	0.10000E+01	555948.6	4201991.1	6.4	4.15	366.00	50.00	0.10	YES	YES	NO	

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000620	0	0.68085E-02	555368.6	4201912.4	4.7	4.15	3.95	3.26	YES	
L0000621	0	0.68085E-02	555377.1	4201912.4	4.8	4.15	3.95	3.26	YES	
L0000622	0	0.68085E-02	555385.6	4201912.4	4.8	4.15	3.95	3.26	YES	
L0000623	0	0.68085E-02	555394.1	4201912.5	4.8	4.15	3.95	3.26	YES	
L0000624	0	0.68085E-02	555402.6	4201912.5	4.8	4.15	3.95	3.26	YES	
L0000625	0	0.68085E-02	555411.1	4201912.6	4.8	4.15	3.95	3.26	YES	
L0000626	0	0.68085E-02	555419.6	4201912.6	4.8	4.15	3.95	3.26	YES	
L0000627	0	0.68085E-02	555428.1	4201912.7	4.8	4.15	3.95	3.26	YES	
L0000628	0	0.68085E-02	555436.6	4201912.7	4.9	4.15	3.95	3.26	YES	
L0000629	0	0.68085E-02	555445.1	4201912.7	4.9	4.15	3.95	3.26	YES	
L0000630	0	0.68085E-02	555453.6	4201912.8	4.9	4.15	3.95	3.26	YES	
L0000631	0	0.68085E-02	555462.1	4201912.8	4.9	4.15	3.95	3.26	YES	
L0000632	0	0.68085E-02	555470.6	4201912.9	5.0	4.15	3.95	3.26	YES	
L0000633	0	0.68085E-02	555479.1	4201912.9	5.0	4.15	3.95	3.26	YES	
L0000634	0	0.68085E-02	555487.6	4201913.0	5.0	4.15	3.95	3.26	YES	
L0000635	0	0.68085E-02	555496.1	4201913.0	5.0	4.15	3.95	3.26	YES	
L0000636	0	0.68085E-02	555504.6	4201913.1	5.0	4.15	3.95	3.26	YES	
L0000637	0	0.68085E-02	555513.1	4201913.1	5.0	4.15	3.95	3.26	YES	
L0000638	0	0.68085E-02	555521.6	4201913.1	5.0	4.15	3.95	3.26	YES	
L0000639	0	0.68085E-02	555530.1	4201913.2	5.1	4.15	3.95	3.26	YES	
L0000640	0	0.68085E-02	555538.6	4201913.2	5.1	4.15	3.95	3.26	YES	
L0000641	0	0.68085E-02	555547.1	4201913.3	5.1	4.15	3.95	3.26	YES	
L0000642	0	0.68085E-02	555555.6	4201913.3	5.1	4.15	3.95	3.26	YES	
L0000643	0	0.68085E-02	555564.1	4201913.4	5.2	4.15	3.95	3.26	YES	
L0000644	0	0.68085E-02	555572.6	4201913.4	5.2	4.15	3.95	3.26	YES	
L0000645	0	0.68085E-02	555581.1	4201913.4	5.2	4.15	3.95	3.26	YES	
L0000646	0	0.68085E-02	555589.6	4201913.5	5.2	4.15	3.95	3.26	YES	
L0000647	0	0.68085E-02	555598.1	4201913.5	5.2	4.15	3.95	3.26	YES	
L0000648	0	0.68085E-02	555606.6	4201913.6	5.3	4.15	3.95	3.26	YES	
L0000649	0	0.68085E-02	555615.1	4201913.6	5.3	4.15	3.95	3.26	YES	
L0000650	0	0.68085E-02	555619.7	4201917.6	5.3	4.15	3.95	3.26	YES	
L0000651	0	0.68085E-02	555619.9	4201926.1	5.3	4.15	3.95	3.26	YES	
L0000652	0	0.68085E-02	555620.1	4201934.6	5.3	4.15	3.95	3.26	YES	
L0000653	0	0.68085E-02	555620.3	4201943.1	5.3	4.15	3.95	3.26	YES	
L0000654	0	0.68085E-02	555620.5	4201951.6	5.3	4.15	3.95	3.26	YES	
L0000655	0	0.68085E-02	555620.7	4201960.1	5.2	4.15	3.95	3.26	YES	
L0000656	0	0.68085E-02	555620.9	4201968.5	5.2	4.15	3.95	3.26	YES	
L0000657	0	0.68085E-02	555621.1	4201977.0	5.2	4.15	3.95	3.26	YES	

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

L0000658	0	0.68085E-02	555621.2	4201985.5	5.2	4.15	3.95	3.26	YES	
L0000659	0	0.68085E-02	555621.4	4201994.0	5.2	4.15	3.95	3.26	YES	

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000660	0	0.68085E-02	555621.6	4202002.5	5.2	4.15	3.95	3.26	YES	
L0000661	0	0.68085E-02	555621.8	4202011.0	5.2	4.15	3.95	3.26	YES	
L0000662	0	0.68085E-02	555622.0	4202019.5	5.2	4.15	3.95	3.26	YES	
L0000663	0	0.68085E-02	555622.2	4202028.0	5.2	4.15	3.95	3.26	YES	
L0000664	0	0.68085E-02	555622.4	4202036.5	5.2	4.15	3.95	3.26	YES	
L0000665	0	0.68085E-02	555622.6	4202045.0	5.2	4.15	3.95	3.26	YES	
L0000666	0	0.68085E-02	555622.8	4202053.5	5.2	4.15	3.95	3.26	YES	
L0000667	0	0.68085E-02	555622.9	4202062.0	5.2	4.15	3.95	3.26	YES	
L0000668	0	0.68085E-02	555623.1	4202070.5	5.2	4.15	3.95	3.26	YES	
L0000669	0	0.68085E-02	555623.3	4202079.0	5.3	4.15	3.95	3.26	YES	
L0000670	0	0.68085E-02	555623.5	4202087.5	5.3	4.15	3.95	3.26	YES	
L0000671	0	0.68085E-02	555623.7	4202096.0	5.3	4.15	3.95	3.26	YES	
L0000672	0	0.68085E-02	555623.9	4202104.5	5.3	4.15	3.95	3.26	YES	
L0000673	0	0.68085E-02	555624.1	4202113.0	5.3	4.15	3.95	3.26	YES	
L0000674	0	0.68085E-02	555624.3	4202121.5	5.4	4.15	3.95	3.26	YES	
L0000675	0	0.68085E-02	555624.5	4202130.0	5.4	4.15	3.95	3.26	YES	
L0000676	0	0.68085E-02	555624.6	4202138.5	5.4	4.15	3.95	3.26	YES	
L0000677	0	0.68085E-02	555624.8	4202147.0	5.4	4.15	3.95	3.26	YES	
L0000678	0	0.68085E-02	555623.0	4202155.3	5.4	4.15	3.95	3.26	YES	
L0000679	0	0.68085E-02	555621.2	4202163.6	5.4	4.15	3.95	3.26	YES	
L0000680	0	0.68085E-02	555620.9	4202172.1	5.4	4.15	3.95	3.26	YES	
L0000681	0	0.68085E-02	555620.9	4202180.6	5.3	4.15	3.95	3.26	YES	
L0000682	0	0.68085E-02	555620.8	4202189.1	5.3	4.15	3.95	3.26	YES	
L0000683	0	0.68085E-02	555620.8	4202197.6	5.3	4.15	3.95	3.26	YES	
L0000684	0	0.68085E-02	555620.8	4202206.1	5.3	4.15	3.95	3.26	YES	
L0000685	0	0.68085E-02	555620.7	4202214.6	5.3	4.15	3.95	3.26	YES	
L0000686	0	0.68085E-02	555620.7	4202223.1	5.3	4.15	3.95	3.26	YES	
L0000687	0	0.68085E-02	555620.6	4202231.6	5.3	4.15	3.95	3.26	YES	
L0000688	0	0.68085E-02	555620.6	4202240.1	5.3	4.15	3.95	3.26	YES	
L0000689	0	0.68085E-02	555620.6	4202248.6	5.3	4.15	3.95	3.26	YES	
L0000690	0	0.68085E-02	555620.5	4202257.1	5.3	4.15	3.95	3.26	YES	
L0000691	0	0.68085E-02	555620.5	4202265.6	5.3	4.15	3.95	3.26	YES	
L0000692	0	0.68085E-02	555620.5	4202274.1	5.3	4.15	3.95	3.26	YES	
L0000693	0	0.68085E-02	555620.4	4202282.6	5.3	4.15	3.95	3.26	YES	
L0000694	0	0.68085E-02	555620.4	4202291.1	5.3	4.15	3.95	3.26	YES	
L0000695	0	0.68085E-02	555620.3	4202299.6	5.3	4.15	3.95	3.26	YES	

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

L0000696	0	0.68085E-02	555620.3	4202308.1	5.3	4.15	3.95	3.26	YES
L0000697	0	0.68085E-02	555620.3	4202316.6	5.3	4.15	3.95	3.26	YES
L0000698	0	0.68085E-02	555620.2	4202325.1	5.3	4.15	3.95	3.26	YES
L0000699	0	0.68085E-02	555620.2	4202333.6	5.3	4.15	3.95	3.26	YES

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000700	0	0.68085E-02	555620.1	4202342.1	5.3	4.15	3.95	3.26	YES	
L0000701	0	0.68085E-02	555620.1	4202350.6	5.3	4.15	3.95	3.26	YES	
L0000702	0	0.68085E-02	555620.1	4202359.1	5.4	4.15	3.95	3.26	YES	
L0000703	0	0.68085E-02	555620.0	4202367.6	5.1	4.15	3.95	3.26	YES	
L0000704	0	0.68085E-02	555620.0	4202376.1	4.8	4.15	3.95	3.26	YES	
L0000705	0	0.68085E-02	555620.0	4202384.6	4.8	4.15	3.95	3.26	YES	
L0000706	0	0.68085E-02	555619.9	4202393.1	5.1	4.15	3.95	3.26	YES	
L0000707	0	0.68085E-02	555619.9	4202401.6	5.3	4.15	3.95	3.26	YES	
L0000708	0	0.68085E-02	555619.8	4202410.1	5.4	4.15	3.95	3.26	YES	
L0000709	0	0.68085E-02	555619.8	4202418.6	5.4	4.15	3.95	3.26	YES	
L0000710	0	0.68085E-02	555619.8	4202427.1	5.4	4.15	3.95	3.26	YES	
L0000711	0	0.68085E-02	555619.7	4202435.6	5.3	4.15	3.95	3.26	YES	
L0000712	0	0.68085E-02	555619.7	4202444.1	5.3	4.15	3.95	3.26	YES	
L0000713	0	0.68085E-02	555619.7	4202452.6	5.2	4.15	3.95	3.26	YES	
L0000714	0	0.44444E-02	556065.2	4202182.1	6.3	4.15	2.56	3.26	YES	
L0000715	0	0.44444E-02	556060.6	4202179.1	6.3	4.15	2.56	3.26	YES	
L0000716	0	0.44444E-02	556055.9	4202176.2	6.3	4.15	2.56	3.26	YES	
L0000717	0	0.44444E-02	556051.3	4202173.3	6.3	4.15	2.56	3.26	YES	
L0000718	0	0.44444E-02	556046.6	4202170.3	6.3	4.15	2.56	3.26	YES	
L0000719	0	0.44444E-02	556041.5	4202168.3	6.3	4.15	2.56	3.26	YES	
L0000720	0	0.44444E-02	556036.4	4202166.4	6.3	4.15	2.56	3.26	YES	
L0000721	0	0.44444E-02	556031.2	4202164.4	6.4	4.15	2.56	3.26	YES	
L0000722	0	0.44444E-02	556026.1	4202162.4	6.4	4.15	2.56	3.26	YES	
L0000723	0	0.44444E-02	556020.9	4202160.4	6.4	4.15	2.56	3.26	YES	
L0000724	0	0.44444E-02	556015.7	4202158.8	6.4	4.15	2.56	3.26	YES	
L0000725	0	0.44444E-02	556010.4	4202157.4	6.4	4.15	2.56	3.26	YES	
L0000726	0	0.44444E-02	556005.1	4202155.9	6.3	4.15	2.56	3.26	YES	
L0000727	0	0.44444E-02	555999.8	4202154.5	6.3	4.15	2.56	3.26	YES	
L0000728	0	0.44444E-02	555994.4	4202153.4	6.3	4.15	2.56	3.26	YES	
L0000729	0	0.44444E-02	555988.9	4202152.8	6.3	4.15	2.56	3.26	YES	
L0000730	0	0.44444E-02	555983.5	4202152.2	6.2	4.15	2.56	3.26	YES	
L0000731	0	0.44444E-02	555978.0	4202151.6	6.2	4.15	2.56	3.26	YES	
L0000732	0	0.44444E-02	555972.5	4202150.9	6.2	4.15	2.56	3.26	YES	
L0000733	0	0.44444E-02	555967.1	4202150.3	6.1	4.15	2.56	3.26	YES	

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

L0000734	0	0.44444E-02	555961.6	4202150.1	6.1	4.15	2.56	3.26	YES
L0000735	0	0.44444E-02	555956.1	4202150.2	6.1	4.15	2.56	3.26	YES
L0000736	0	0.44444E-02	555950.6	4202150.2	6.1	4.15	2.56	3.26	YES
L0000737	0	0.44444E-02	555945.1	4202150.3	6.0	4.15	2.56	3.26	YES
L0000738	0	0.44444E-02	555939.6	4202150.3	6.0	4.15	2.56	3.26	YES
L0000739	0	0.44444E-02	555934.1	4202150.3	6.0	4.15	2.56	3.26	YES

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000740	0	0.44444E-02	555928.6	4202150.4	5.9	4.15	2.56	3.26	YES	
L0000741	0	0.44444E-02	555923.1	4202150.4	5.9	4.15	2.56	3.26	YES	
L0000742	0	0.44444E-02	555917.6	4202150.4	5.9	4.15	2.56	3.26	YES	
L0000743	0	0.44444E-02	555912.1	4202150.5	5.8	4.15	2.56	3.26	YES	
L0000744	0	0.44444E-02	555906.6	4202150.5	5.8	4.15	2.56	3.26	YES	
L0000745	0	0.44444E-02	555901.1	4202150.5	5.7	4.15	2.56	3.26	YES	
L0000746	0	0.44444E-02	555895.6	4202150.6	5.7	4.15	2.56	3.26	YES	
L0000747	0	0.44444E-02	555890.1	4202150.6	5.7	4.15	2.56	3.26	YES	
L0000748	0	0.44444E-02	555884.6	4202150.6	5.6	4.15	2.56	3.26	YES	
L0000749	0	0.44444E-02	555879.1	4202150.7	5.6	4.15	2.56	3.26	YES	
L0000750	0	0.44444E-02	555873.6	4202150.7	5.6	4.15	2.56	3.26	YES	
L0000751	0	0.44444E-02	555868.1	4202150.7	5.6	4.15	2.56	3.26	YES	
L0000752	0	0.44444E-02	555862.6	4202150.8	5.5	4.15	2.56	3.26	YES	
L0000753	0	0.44444E-02	555857.1	4202150.8	5.5	4.15	2.56	3.26	YES	
L0000754	0	0.44444E-02	555851.6	4202150.8	5.5	4.15	2.56	3.26	YES	
L0000755	0	0.44444E-02	555846.1	4202150.9	5.5	4.15	2.56	3.26	YES	
L0000756	0	0.44444E-02	555840.6	4202150.9	5.4	4.15	2.56	3.26	YES	
L0000757	0	0.44444E-02	555835.1	4202150.9	5.4	4.15	2.56	3.26	YES	
L0000758	0	0.44444E-02	555829.6	4202151.0	5.4	4.15	2.56	3.26	YES	
L0000759	0	0.44444E-02	555824.1	4202151.0	5.4	4.15	2.56	3.26	YES	
L0000760	0	0.44444E-02	555818.6	4202151.0	5.4	4.15	2.56	3.26	YES	
L0000761	0	0.44444E-02	555813.1	4202151.1	5.4	4.15	2.56	3.26	YES	
L0000762	0	0.44444E-02	555807.6	4202151.1	5.4	4.15	2.56	3.26	YES	
L0000763	0	0.44444E-02	555802.1	4202151.1	5.4	4.15	2.56	3.26	YES	
L0000764	0	0.44444E-02	555796.6	4202151.2	5.4	4.15	2.56	3.26	YES	
L0000765	0	0.44444E-02	555791.1	4202151.2	5.4	4.15	2.56	3.26	YES	
L0000766	0	0.44444E-02	555785.6	4202151.2	5.4	4.15	2.56	3.26	YES	
L0000767	0	0.44444E-02	555780.1	4202151.3	5.4	4.15	2.56	3.26	YES	
L0000768	0	0.44444E-02	555774.6	4202151.3	5.4	4.15	2.56	3.26	YES	
L0000769	0	0.44444E-02	555769.1	4202151.4	5.4	4.15	2.56	3.26	YES	
L0000770	0	0.44444E-02	555763.6	4202151.4	5.4	4.15	2.56	3.26	YES	
L0000771	0	0.44444E-02	555758.1	4202151.4	5.4	4.15	2.56	3.26	YES	

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

L0000772	0	0.44444E-02	555752.6	4202151.5	5.4	4.15	2.56	3.26	YES	
L0000773	0	0.44444E-02	555747.1	4202151.5	5.4	4.15	2.56	3.26	YES	
L0000774	0	0.44444E-02	555741.6	4202151.5	5.4	4.15	2.56	3.26	YES	
L0000775	0	0.44444E-02	555736.1	4202151.6	5.4	4.15	2.56	3.26	YES	
L0000776	0	0.44444E-02	555730.6	4202151.6	5.4	4.15	2.56	3.26	YES	
L0000777	0	0.44444E-02	555725.1	4202151.6	5.4	4.15	2.56	3.26	YES	
L0000778	0	0.44444E-02	555719.6	4202151.7	5.4	4.15	2.56	3.26	YES	
L0000779	0	0.44444E-02	555714.1	4202151.7	5.4	4.15	2.56	3.26	YES	

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000780	0	0.44444E-02	555708.6	4202151.7	5.4	4.15	2.56	3.26	YES	
L0000781	0	0.44444E-02	555703.1	4202151.8	5.4	4.15	2.56	3.26	YES	
L0000782	0	0.44444E-02	555697.6	4202151.8	5.4	4.15	2.56	3.26	YES	
L0000783	0	0.44444E-02	555692.1	4202151.8	5.4	4.15	2.56	3.26	YES	
L0000784	0	0.44444E-02	555686.6	4202151.9	5.4	4.15	2.56	3.26	YES	
L0000785	0	0.44444E-02	555681.1	4202151.9	5.4	4.15	2.56	3.26	YES	
L0000786	0	0.44444E-02	555675.6	4202151.9	5.4	4.15	2.56	3.26	YES	
L0000787	0	0.44444E-02	555670.1	4202152.0	5.4	4.15	2.56	3.26	YES	
L0000788	0	0.44444E-02	555664.6	4202152.0	5.4	4.15	2.56	3.26	YES	
L0000789	0	0.44444E-02	555659.1	4202152.0	5.4	4.15	2.56	3.26	YES	
L0000790	0	0.44444E-02	555653.6	4202152.1	5.4	4.15	2.56	3.26	YES	
L0000791	0	0.44444E-02	555648.1	4202152.1	5.4	4.15	2.56	3.26	YES	
L0000792	0	0.44444E-02	555642.6	4202152.1	5.4	4.15	2.56	3.26	YES	
L0000793	0	0.44444E-02	555637.1	4202152.2	5.4	4.15	2.56	3.26	YES	
L0000794	0	0.44444E-02	555631.6	4202152.2	5.4	4.15	2.56	3.26	YES	
L0000445	0	0.68085E-02	555368.6	4201912.4	4.7	0.60	3.95	3.26	YES	HRDOW
L0000446	0	0.68085E-02	555377.1	4201912.4	4.8	0.60	3.95	3.26	YES	HRDOW
L0000447	0	0.68085E-02	555385.6	4201912.4	4.8	0.60	3.95	3.26	YES	HRDOW
L0000448	0	0.68085E-02	555394.1	4201912.5	4.8	0.60	3.95	3.26	YES	HRDOW
L0000449	0	0.68085E-02	555402.6	4201912.5	4.8	0.60	3.95	3.26	YES	HRDOW
L0000450	0	0.68085E-02	555411.1	4201912.6	4.8	0.60	3.95	3.26	YES	HRDOW
L0000451	0	0.68085E-02	555419.6	4201912.6	4.8	0.60	3.95	3.26	YES	HRDOW
L0000452	0	0.68085E-02	555428.1	4201912.7	4.8	0.60	3.95	3.26	YES	HRDOW
L0000453	0	0.68085E-02	555436.6	4201912.7	4.9	0.60	3.95	3.26	YES	HRDOW
L0000454	0	0.68085E-02	555445.1	4201912.7	4.9	0.60	3.95	3.26	YES	HRDOW
L0000455	0	0.68085E-02	555453.6	4201912.8	4.9	0.60	3.95	3.26	YES	HRDOW
L0000456	0	0.68085E-02	555462.1	4201912.8	4.9	0.60	3.95	3.26	YES	HRDOW
L0000457	0	0.68085E-02	555470.6	4201912.9	5.0	0.60	3.95	3.26	YES	HRDOW
L0000458	0	0.68085E-02	555479.1	4201912.9	5.0	0.60	3.95	3.26	YES	HRDOW
L0000459	0	0.68085E-02	555487.6	4201913.0	5.0	0.60	3.95	3.26	YES	HRDOW

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000460	0	0.68085E-02	555496.1	4201913.0	5.0	0.60	3.95	3.26	YES	HRDOW
L0000461	0	0.68085E-02	555504.6	4201913.1	5.0	0.60	3.95	3.26	YES	HRDOW
L0000462	0	0.68085E-02	555513.1	4201913.1	5.0	0.60	3.95	3.26	YES	HRDOW
L0000463	0	0.68085E-02	555521.6	4201913.1	5.0	0.60	3.95	3.26	YES	HRDOW
L0000464	0	0.68085E-02	555530.1	4201913.2	5.1	0.60	3.95	3.26	YES	HRDOW
L0000465	0	0.68085E-02	555538.6	4201913.2	5.1	0.60	3.95	3.26	YES	HRDOW
L0000466	0	0.68085E-02	555547.1	4201913.3	5.1	0.60	3.95	3.26	YES	HRDOW
L0000467	0	0.68085E-02	555555.6	4201913.3	5.1	0.60	3.95	3.26	YES	HRDOW
L0000468	0	0.68085E-02	555564.1	4201913.4	5.2	0.60	3.95	3.26	YES	HRDOW
L0000469	0	0.68085E-02	555572.6	4201913.4	5.2	0.60	3.95	3.26	YES	HRDOW

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000470	0	0.68085E-02	555581.1	4201913.4	5.2	0.60	3.95	3.26	YES	HRDOW
L0000471	0	0.68085E-02	555589.6	4201913.5	5.2	0.60	3.95	3.26	YES	HRDOW
L0000472	0	0.68085E-02	555598.1	4201913.5	5.2	0.60	3.95	3.26	YES	HRDOW
L0000473	0	0.68085E-02	555606.6	4201913.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000474	0	0.68085E-02	555615.1	4201913.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000475	0	0.68085E-02	555619.7	4201917.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000476	0	0.68085E-02	555619.9	4201926.1	5.3	0.60	3.95	3.26	YES	HRDOW
L0000477	0	0.68085E-02	555620.1	4201934.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000478	0	0.68085E-02	555620.3	4201943.1	5.3	0.60	3.95	3.26	YES	HRDOW
L0000479	0	0.68085E-02	555620.5	4201951.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000480	0	0.68085E-02	555620.7	4201960.1	5.2	0.60	3.95	3.26	YES	HRDOW
L0000481	0	0.68085E-02	555620.9	4201968.5	5.2	0.60	3.95	3.26	YES	HRDOW
L0000482	0	0.68085E-02	555621.1	4201977.0	5.2	0.60	3.95	3.26	YES	HRDOW
L0000483	0	0.68085E-02	555621.2	4201985.5	5.2	0.60	3.95	3.26	YES	HRDOW
L0000484	0	0.68085E-02	555621.4	4201994.0	5.2	0.60	3.95	3.26	YES	HRDOW
L0000485	0	0.68085E-02	555621.6	4202002.5	5.2	0.60	3.95	3.26	YES	HRDOW
L0000486	0	0.68085E-02	555621.8	4202011.0	5.2	0.60	3.95	3.26	YES	HRDOW
L0000487	0	0.68085E-02	555622.0	4202019.5	5.2	0.60	3.95	3.26	YES	HRDOW
L0000488	0	0.68085E-02	555622.2	4202028.0	5.2	0.60	3.95	3.26	YES	HRDOW
L0000489	0	0.68085E-02	555622.4	4202036.5	5.2	0.60	3.95	3.26	YES	HRDOW
L0000490	0	0.68085E-02	555622.6	4202045.0	5.2	0.60	3.95	3.26	YES	HRDOW
L0000491	0	0.68085E-02	555622.8	4202053.5	5.2	0.60	3.95	3.26	YES	HRDOW
L0000492	0	0.68085E-02	555622.9	4202062.0	5.2	0.60	3.95	3.26	YES	HRDOW
L0000493	0	0.68085E-02	555623.1	4202070.5	5.2	0.60	3.95	3.26	YES	HRDOW
L0000494	0	0.68085E-02	555623.3	4202079.0	5.3	0.60	3.95	3.26	YES	HRDOW
L0000495	0	0.68085E-02	555623.5	4202087.5	5.3	0.60	3.95	3.26	YES	HRDOW
L0000496	0	0.68085E-02	555623.7	4202096.0	5.3	0.60	3.95	3.26	YES	HRDOW
L0000497	0	0.68085E-02	555623.9	4202104.5	5.3	0.60	3.95	3.26	YES	HRDOW

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

L0000498	0	0.68085E-02	555624.1	4202113.0	5.3	0.60	3.95	3.26	YES	HRDOW
L0000499	0	0.68085E-02	555624.3	4202121.5	5.4	0.60	3.95	3.26	YES	HRDOW
L0000500	0	0.68085E-02	555624.5	4202130.0	5.4	0.60	3.95	3.26	YES	HRDOW
L0000501	0	0.68085E-02	555624.6	4202138.5	5.4	0.60	3.95	3.26	YES	HRDOW
L0000502	0	0.68085E-02	555624.8	4202147.0	5.4	0.60	3.95	3.26	YES	HRDOW
L0000503	0	0.68085E-02	555623.0	4202155.3	5.4	0.60	3.95	3.26	YES	HRDOW
L0000504	0	0.68085E-02	555621.2	4202163.6	5.4	0.60	3.95	3.26	YES	HRDOW
L0000505	0	0.68085E-02	555620.9	4202172.1	5.4	0.60	3.95	3.26	YES	HRDOW
L0000506	0	0.68085E-02	555620.9	4202180.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000507	0	0.68085E-02	555620.8	4202189.1	5.3	0.60	3.95	3.26	YES	HRDOW
L0000508	0	0.68085E-02	555620.8	4202197.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000509	0	0.68085E-02	555620.8	4202206.1	5.3	0.60	3.95	3.26	YES	HRDOW

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000510	0	0.68085E-02	555620.7	4202214.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000511	0	0.68085E-02	555620.7	4202223.1	5.3	0.60	3.95	3.26	YES	HRDOW
L0000512	0	0.68085E-02	555620.6	4202231.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000513	0	0.68085E-02	555620.6	4202240.1	5.3	0.60	3.95	3.26	YES	HRDOW
L0000514	0	0.68085E-02	555620.6	4202248.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000515	0	0.68085E-02	555620.5	4202257.1	5.3	0.60	3.95	3.26	YES	HRDOW
L0000516	0	0.68085E-02	555620.5	4202265.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000517	0	0.68085E-02	555620.5	4202274.1	5.3	0.60	3.95	3.26	YES	HRDOW
L0000518	0	0.68085E-02	555620.4	4202282.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000519	0	0.68085E-02	555620.4	4202291.1	5.3	0.60	3.95	3.26	YES	HRDOW
L0000520	0	0.68085E-02	555620.3	4202299.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000521	0	0.68085E-02	555620.3	4202308.1	5.3	0.60	3.95	3.26	YES	HRDOW
L0000522	0	0.68085E-02	555620.3	4202316.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000523	0	0.68085E-02	555620.2	4202325.1	5.3	0.60	3.95	3.26	YES	HRDOW
L0000524	0	0.68085E-02	555620.2	4202333.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000525	0	0.68085E-02	555620.1	4202342.1	5.3	0.60	3.95	3.26	YES	HRDOW
L0000526	0	0.68085E-02	555620.1	4202350.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000527	0	0.68085E-02	555620.1	4202359.1	5.4	0.60	3.95	3.26	YES	HRDOW
L0000528	0	0.68085E-02	555620.0	4202367.6	5.1	0.60	3.95	3.26	YES	HRDOW
L0000529	0	0.68085E-02	555620.0	4202376.1	4.8	0.60	3.95	3.26	YES	HRDOW
L0000530	0	0.68085E-02	555620.0	4202384.6	4.8	0.60	3.95	3.26	YES	HRDOW
L0000531	0	0.68085E-02	555619.9	4202393.1	5.1	0.60	3.95	3.26	YES	HRDOW
L0000532	0	0.68085E-02	555619.9	4202401.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000533	0	0.68085E-02	555619.8	4202410.1	5.4	0.60	3.95	3.26	YES	HRDOW
L0000534	0	0.68085E-02	555619.8	4202418.6	5.4	0.60	3.95	3.26	YES	HRDOW
L0000535	0	0.68085E-02	555619.8	4202427.1	5.4	0.60	3.95	3.26	YES	HRDOW

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

L0000536	0	0.68085E-02	555619.7	4202435.6	5.3	0.60	3.95	3.26	YES	HRDOW
L0000537	0	0.68085E-02	555619.7	4202444.1	5.3	0.60	3.95	3.26	YES	HRDOW
L0000538	0	0.68085E-02	555619.7	4202452.6	5.2	0.60	3.95	3.26	YES	HRDOW
L0000539	0	0.44444E-02	556065.2	4202182.1	6.3	0.60	2.56	3.26	YES	HRDOW
L0000540	0	0.44444E-02	556060.6	4202179.1	6.3	0.60	2.56	3.26	YES	HRDOW
L0000541	0	0.44444E-02	556055.9	4202176.2	6.3	0.60	2.56	3.26	YES	HRDOW
L0000542	0	0.44444E-02	556051.3	4202173.3	6.3	0.60	2.56	3.26	YES	HRDOW
L0000543	0	0.44444E-02	556046.6	4202170.3	6.3	0.60	2.56	3.26	YES	HRDOW
L0000544	0	0.44444E-02	556041.5	4202168.3	6.3	0.60	2.56	3.26	YES	HRDOW
L0000545	0	0.44444E-02	556036.4	4202166.4	6.3	0.60	2.56	3.26	YES	HRDOW
L0000546	0	0.44444E-02	556031.2	4202164.4	6.4	0.60	2.56	3.26	YES	HRDOW
L0000547	0	0.44444E-02	556026.1	4202162.4	6.4	0.60	2.56	3.26	YES	HRDOW
L0000548	0	0.44444E-02	556020.9	4202160.4	6.4	0.60	2.56	3.26	YES	HRDOW
L0000549	0	0.44444E-02	556015.7	4202158.8	6.4	0.60	2.56	3.26	YES	HRDOW

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000550	0	0.44444E-02	556010.4	4202157.4	6.4	0.60	2.56	3.26	YES	HRDOW
L0000551	0	0.44444E-02	556005.1	4202155.9	6.3	0.60	2.56	3.26	YES	HRDOW
L0000552	0	0.44444E-02	555999.8	4202154.5	6.3	0.60	2.56	3.26	YES	HRDOW
L0000553	0	0.44444E-02	555994.4	4202153.4	6.3	0.60	2.56	3.26	YES	HRDOW
L0000554	0	0.44444E-02	555988.9	4202152.8	6.3	0.60	2.56	3.26	YES	HRDOW
L0000555	0	0.44444E-02	555983.5	4202152.2	6.2	0.60	2.56	3.26	YES	HRDOW
L0000556	0	0.44444E-02	555978.0	4202151.6	6.2	0.60	2.56	3.26	YES	HRDOW
L0000557	0	0.44444E-02	555972.5	4202150.9	6.2	0.60	2.56	3.26	YES	HRDOW
L0000558	0	0.44444E-02	555967.1	4202150.3	6.1	0.60	2.56	3.26	YES	HRDOW
L0000559	0	0.44444E-02	555961.6	4202150.1	6.1	0.60	2.56	3.26	YES	HRDOW
L0000560	0	0.44444E-02	555956.1	4202150.2	6.1	0.60	2.56	3.26	YES	HRDOW
L0000561	0	0.44444E-02	555950.6	4202150.2	6.1	0.60	2.56	3.26	YES	HRDOW
L0000562	0	0.44444E-02	555945.1	4202150.3	6.0	0.60	2.56	3.26	YES	HRDOW
L0000563	0	0.44444E-02	555939.6	4202150.3	6.0	0.60	2.56	3.26	YES	HRDOW
L0000564	0	0.44444E-02	555934.1	4202150.3	6.0	0.60	2.56	3.26	YES	HRDOW
L0000565	0	0.44444E-02	555928.6	4202150.4	5.9	0.60	2.56	3.26	YES	HRDOW
L0000566	0	0.44444E-02	555923.1	4202150.4	5.9	0.60	2.56	3.26	YES	HRDOW
L0000567	0	0.44444E-02	555917.6	4202150.4	5.9	0.60	2.56	3.26	YES	HRDOW
L0000568	0	0.44444E-02	555912.1	4202150.5	5.8	0.60	2.56	3.26	YES	HRDOW
L0000569	0	0.44444E-02	555906.6	4202150.5	5.8	0.60	2.56	3.26	YES	HRDOW
L0000570	0	0.44444E-02	555901.1	4202150.5	5.7	0.60	2.56	3.26	YES	HRDOW
L0000571	0	0.44444E-02	555895.6	4202150.6	5.7	0.60	2.56	3.26	YES	HRDOW
L0000572	0	0.44444E-02	555890.1	4202150.6	5.7	0.60	2.56	3.26	YES	HRDOW
L0000573	0	0.44444E-02	555884.6	4202150.6	5.6	0.60	2.56	3.26	YES	HRDOW

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

L0000574	0	0.44444E-02	555879.1	4202150.7	5.6	0.60	2.56	3.26	YES	HRDOW
L0000575	0	0.44444E-02	555873.6	4202150.7	5.6	0.60	2.56	3.26	YES	HRDOW
L0000576	0	0.44444E-02	555868.1	4202150.7	5.6	0.60	2.56	3.26	YES	HRDOW
L0000577	0	0.44444E-02	555862.6	4202150.8	5.5	0.60	2.56	3.26	YES	HRDOW
L0000578	0	0.44444E-02	555857.1	4202150.8	5.5	0.60	2.56	3.26	YES	HRDOW
L0000579	0	0.44444E-02	555851.6	4202150.8	5.5	0.60	2.56	3.26	YES	HRDOW
L0000580	0	0.44444E-02	555846.1	4202150.9	5.5	0.60	2.56	3.26	YES	HRDOW
L0000581	0	0.44444E-02	555840.6	4202150.9	5.4	0.60	2.56	3.26	YES	HRDOW
L0000582	0	0.44444E-02	555835.1	4202150.9	5.4	0.60	2.56	3.26	YES	HRDOW
L0000583	0	0.44444E-02	555829.6	4202151.0	5.4	0.60	2.56	3.26	YES	HRDOW
L0000584	0	0.44444E-02	555824.1	4202151.0	5.4	0.60	2.56	3.26	YES	HRDOW
L0000585	0	0.44444E-02	555818.6	4202151.0	5.4	0.60	2.56	3.26	YES	HRDOW
L0000586	0	0.44444E-02	555813.1	4202151.1	5.4	0.60	2.56	3.26	YES	HRDOW
L0000587	0	0.44444E-02	555807.6	4202151.1	5.4	0.60	2.56	3.26	YES	HRDOW
L0000588	0	0.44444E-02	555802.1	4202151.1	5.4	0.60	2.56	3.26	YES	HRDOW
L0000589	0	0.44444E-02	555796.6	4202151.2	5.4	0.60	2.56	3.26	YES	HRDOW

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000590	0	0.44444E-02	555791.1	4202151.2	5.4	0.60	2.56	3.26	YES	HRDOW
L0000591	0	0.44444E-02	555785.6	4202151.2	5.4	0.60	2.56	3.26	YES	HRDOW
L0000592	0	0.44444E-02	555780.1	4202151.3	5.4	0.60	2.56	3.26	YES	HRDOW
L0000593	0	0.44444E-02	555774.6	4202151.3	5.4	0.60	2.56	3.26	YES	HRDOW
L0000594	0	0.44444E-02	555769.1	4202151.4	5.4	0.60	2.56	3.26	YES	HRDOW
L0000595	0	0.44444E-02	555763.6	4202151.4	5.4	0.60	2.56	3.26	YES	HRDOW
L0000596	0	0.44444E-02	555758.1	4202151.4	5.4	0.60	2.56	3.26	YES	HRDOW
L0000597	0	0.44444E-02	555752.6	4202151.5	5.4	0.60	2.56	3.26	YES	HRDOW
L0000598	0	0.44444E-02	555747.1	4202151.5	5.4	0.60	2.56	3.26	YES	HRDOW
L0000599	0	0.44444E-02	555741.6	4202151.5	5.4	0.60	2.56	3.26	YES	HRDOW
L0000600	0	0.44444E-02	555736.1	4202151.6	5.4	0.60	2.56	3.26	YES	HRDOW
L0000601	0	0.44444E-02	555730.6	4202151.6	5.4	0.60	2.56	3.26	YES	HRDOW
L0000602	0	0.44444E-02	555725.1	4202151.6	5.4	0.60	2.56	3.26	YES	HRDOW
L0000603	0	0.44444E-02	555719.6	4202151.7	5.4	0.60	2.56	3.26	YES	HRDOW
L0000604	0	0.44444E-02	555714.1	4202151.7	5.4	0.60	2.56	3.26	YES	HRDOW
L0000605	0	0.44444E-02	555708.6	4202151.7	5.4	0.60	2.56	3.26	YES	HRDOW
L0000606	0	0.44444E-02	555703.1	4202151.8	5.4	0.60	2.56	3.26	YES	HRDOW
L0000607	0	0.44444E-02	555697.6	4202151.8	5.4	0.60	2.56	3.26	YES	HRDOW
L0000608	0	0.44444E-02	555692.1	4202151.8	5.4	0.60	2.56	3.26	YES	HRDOW
L0000609	0	0.44444E-02	555686.6	4202151.9	5.4	0.60	2.56	3.26	YES	HRDOW
L0000610	0	0.44444E-02	555681.1	4202151.9	5.4	0.60	2.56	3.26	YES	HRDOW
L0000611	0	0.44444E-02	555675.6	4202151.9	5.4	0.60	2.56	3.26	YES	HRDOW

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

L0000612	0	0.44444E-02	555670.1	4202152.0	5.4	0.60	2.56	3.26	YES	HRDOW
L0000613	0	0.44444E-02	555664.6	4202152.0	5.4	0.60	2.56	3.26	YES	HRDOW
L0000614	0	0.44444E-02	555659.1	4202152.0	5.4	0.60	2.56	3.26	YES	HRDOW
L0000615	0	0.44444E-02	555653.6	4202152.1	5.4	0.60	2.56	3.26	YES	HRDOW
L0000616	0	0.44444E-02	555648.1	4202152.1	5.4	0.60	2.56	3.26	YES	HRDOW
L0000617	0	0.44444E-02	555642.6	4202152.1	5.4	0.60	2.56	3.26	YES	HRDOW
L0000618	0	0.44444E-02	555637.1	4202152.2	5.4	0.60	2.56	3.26	YES	HRDOW
L0000619	0	0.44444E-02	555631.6	4202152.2	5.4	0.60	2.56	3.26	YES	HRDOW

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
VANIDLE1	0	0.20386E-03	555723.7	4202072.7	5.3	0.60	201.17	12.19	0.00	0.00	YES	HRDOW
VANIDLE2	0	0.20386E-03	555723.0	4201969.2	5.6	0.60	201.17	12.19	0.00	0.00	YES	HRDOW

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
PAREA1	0	0.16817E-03	555960.4	4202139.4	6.1	4.15	11	1.93	YES	
PAREA2	0	0.14202E-04	555632.0	4201912.5	5.3	0.60	53	0.00	YES	HRDOW
PAREA3	0	0.14268E-04	555708.2	4202138.3	5.4	0.60	28	0.00	YES	HRDOW

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
TRUCKRTE	L0000620 , L0000621 , L0000622 , L0000623 , L0000624 , L0000625 , L0000626 , L0000627 ,
	L0000628 , L0000629 , L0000630 , L0000631 , L0000632 , L0000633 , L0000634 , L0000635 ,
	L0000636 , L0000637 , L0000638 , L0000639 , L0000640 , L0000641 , L0000642 , L0000643 ,
	L0000644 , L0000645 , L0000646 , L0000647 , L0000648 , L0000649 , L0000650 , L0000651 ,
	L0000652 , L0000653 , L0000654 , L0000655 , L0000656 , L0000657 , L0000658 , L0000659 ,
	L0000660 , L0000661 , L0000662 , L0000663 , L0000664 , L0000665 , L0000666 , L0000667 ,
	L0000668 , L0000669 , L0000670 , L0000671 , L0000672 , L0000673 , L0000674 , L0000675 ,
	L0000676 , L0000677 , L0000678 , L0000679 , L0000680 , L0000681 , L0000682 , L0000683 ,
	L0000684 , L0000685 , L0000686 , L0000687 , L0000688 , L0000689 , L0000690 , L0000691 ,
	L0000692 , L0000693 , L0000694 , L0000695 , L0000696 , L0000697 , L0000698 , L0000699 ,
	L0000700 , L0000701 , L0000702 , L0000703 , L0000704 , L0000705 , L0000706 , L0000707 ,
	L0000708 , L0000709 , L0000710 , L0000711 , L0000712 , L0000713 , L0000714 , L0000715 ,
	L0000716 , L0000717 , L0000718 , L0000719 , L0000720 , L0000721 , L0000722 , L0000723 ,
	L0000724 , L0000725 , L0000726 , L0000727 , L0000728 , L0000729 , L0000730 , L0000731 ,
	L0000732 , L0000733 , L0000734 , L0000735 , L0000736 , L0000737 , L0000738 , L0000739 ,
	L0000740 , L0000741 , L0000742 , L0000743 , L0000744 , L0000745 , L0000746 , L0000747 ,
	L0000748 , L0000749 , L0000750 , L0000751 , L0000752 , L0000753 , L0000754 , L0000755 ,
	L0000756 , L0000757 , L0000758 , L0000759 , L0000760 , L0000761 , L0000762 , L0000763 ,
	L0000764 , L0000765 , L0000766 , L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
	L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000778 , L0000779 ,

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
VANRTE	L0000780 , L0000781 , L0000782 , L0000783 , L0000784 , L0000785 , L0000786 , L0000787 , L0000788 , L0000789 , L0000790 , L0000791 , L0000792 , L0000793 , L0000794 , L0000445 , L0000446 , L0000447 , L0000448 , L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , L0000462 , L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 , L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 , L0000478 , L0000479 , L0000480 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 , L0000486 , L0000487 , L0000488 , L0000489 , L0000490 , L0000491 , L0000492 , L0000493 , L0000494 , L0000495 , L0000496 , L0000497 , L0000498 , L0000499 , L0000500 , L0000501 , L0000502 , L0000503 , L0000504 , L0000505 , L0000506 , L0000507 , L0000508 , L0000509 , L0000510 , L0000511 , L0000512 , L0000513 , L0000514 , L0000515 , L0000516 , L0000517 , L0000518 , L0000519 , L0000520 , L0000521 , L0000522 , L0000523 , L0000524 , L0000525 , L0000526 , L0000527 , L0000528 , L0000529 , L0000530 , L0000531 , L0000532 , L0000533 , L0000534 , L0000535 , L0000536 , L0000537 , L0000538 , L0000539 , L0000540 , L0000541 , L0000542 , L0000543 , L0000544 , L0000545 , L0000546 , L0000547 , L0000548 , L0000549 , L0000550 , L0000551 , L0000552 , L0000553 , L0000554 , L0000555 , L0000556 , L0000557 , L0000558 , L0000559 , L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 , L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , L0000583 , L0000584 , L0000585 , L0000586 , L0000587 , L0000588 ,

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0000589 , L0000590 , L0000591 , L0000592 , L0000593 , L0000594 , L0000595 , L0000596 ,
	L0000597 , L0000598 , L0000599 , L0000600 , L0000601 , L0000602 , L0000603 , L0000604 ,
	L0000605 , L0000606 , L0000607 , L0000608 , L0000609 , L0000610 , L0000611 , L0000612 ,
	L0000613 , L0000614 , L0000615 , L0000616 , L0000617 , L0000618 , L0000619 ,
TRUCKRUN	PAREA1 ,
TRUCKIDL	STCK1 , STCK2 , STCK3 , STCK4 , STCK5 , STCK6 , STCK7 , STCK8 ,
	STCK9 , STCK10 , STCK11 , STCK12 , STCK13 , STCK14 , STCK15 ,
DELIVVAN	PAREA2 , PAREA3 ,
VANIDLE	VANIDLE1 , VANIDLE2 ,

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	217853.	L0000620 , L0000621 , L0000622 , L0000623 , L0000624 , L0000625 , L0000626 , L0000627 ,
		L0000628 , L0000629 , L0000630 , L0000631 , L0000632 , L0000633 , L0000634 , L0000635 ,
		L0000636 , L0000637 , L0000638 , L0000639 , L0000640 , L0000641 , L0000642 , L0000643 ,
		L0000644 , L0000645 , L0000646 , L0000647 , L0000648 , L0000649 , L0000650 , L0000651 ,
		L0000652 , L0000653 , L0000654 , L0000655 , L0000656 , L0000657 , L0000658 , L0000659 ,
		L0000660 , L0000661 , L0000662 , L0000663 , L0000664 , L0000665 , L0000666 , L0000667 ,
		L0000668 , L0000669 , L0000670 , L0000671 , L0000672 , L0000673 , L0000674 , L0000675 ,
		L0000676 , L0000677 , L0000678 , L0000679 , L0000680 , L0000681 , L0000682 , L0000683 ,
		L0000684 , L0000685 , L0000686 , L0000687 , L0000688 , L0000689 , L0000690 , L0000691 ,
		L0000692 , L0000693 , L0000694 , L0000695 , L0000696 , L0000697 , L0000698 , L0000699 ,
		L0000700 , L0000701 , L0000702 , L0000703 , L0000704 , L0000705 , L0000706 , L0000707 ,
		L0000708 , L0000709 , L0000710 , L0000711 , L0000712 , L0000713 , L0000714 , L0000715 ,
		L0000716 , L0000717 , L0000718 , L0000719 , L0000720 , L0000721 , L0000722 , L0000723 ,
		L0000724 , L0000725 , L0000726 , L0000727 , L0000728 , L0000729 , L0000730 , L0000731 ,
		L0000732 , L0000733 , L0000734 , L0000735 , L0000736 , L0000737 , L0000738 , L0000739 ,
		L0000740 , L0000741 , L0000742 , L0000743 , L0000744 , L0000745 , L0000746 , L0000747 ,
		L0000748 , L0000749 , L0000750 , L0000751 , L0000752 , L0000753 , L0000754 , L0000755 ,
		L0000756 , L0000757 , L0000758 , L0000759 , L0000760 , L0000761 , L0000762 , L0000763 , L0000764 , L0000765 , L0000766 , L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
		L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000778 , L0000779 ,

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
		L0000780 , L0000781 , L0000782 , L0000783 , L0000784 , L0000785 , L0000786 , L0000787 ,
		L0000788 , L0000789 , L0000790 , L0000791 , L0000792 , L0000793 , L0000794 , L0000445 ,
		L0000446 , L0000447 , L0000448 , L0000449 , L0000450 , L0000451 , L0000452 , L0000453 ,
		L0000454 , L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 ,
		L0000462 , L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 ,
		L0000470 , L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 ,
		L0000478 , L0000479 , L0000480 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 ,
		L0000486 , L0000487 , L0000488 , L0000489 , L0000490 , L0000491 , L0000492 , L0000493 ,
		L0000494 , L0000495 , L0000496 , L0000497 , L0000498 , L0000499 , L0000500 , L0000501 ,
		L0000502 , L0000503 , L0000504 , L0000505 , L0000506 , L0000507 , L0000508 , L0000509 ,
		L0000510 , L0000511 , L0000512 , L0000513 , L0000514 , L0000515 , L0000516 , L0000517 ,
		L0000518 , L0000519 , L0000520 , L0000521 , L0000522 , L0000523 , L0000524 , L0000525 ,
		L0000526 , L0000527 , L0000528 , L0000529 , L0000530 , L0000531 , L0000532 , L0000533 ,
		L0000534 , L0000535 , L0000536 , L0000537 , L0000538 , L0000539 , L0000540 , L0000541 ,
		L0000542 , L0000543 , L0000544 , L0000545 , L0000546 , L0000547 , L0000548 , L0000549 ,
		L0000550 , L0000551 , L0000552 , L0000553 , L0000554 , L0000555 , L0000556 , L0000557 ,
		L0000558 , L0000559 , L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 ,
		L0000566 , L0000567 , L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 ,
		L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 ,
		L0000582 , L0000583 , L0000584 , L0000585 , L0000586 , L0000587 , L0000588 , L0000589 ,

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
		L0000590 , L0000591 , L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 ,
		L0000598 , L0000599 , L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 ,
		L0000606 , L0000607 , L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 ,
		L0000614 , L0000615 , L0000616 , L0000617 , L0000618 , L0000619 , PAREA1 , PAREA2 ,
		PAREA3 , STCK1 , STCK2 , STCK3 , STCK4 , STCK5 , STCK6 , STCK7 ,
		STCK8 , STCK9 , STCK10 , STCK11 , STCK12 , STCK13 , STCK14 , STCK15 ,
		VANIDLE1 , VANIDLE2 ,

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK1

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	15.2,	233.5,	116.9,	-106.2,	122.3,	2	15.2,	236.8,	150.9,	-143.7,	112.2,
3	15.2,	232.9,	180.3,	-176.8,	98.6,	4	15.2,	221.9,	204.2,	-204.6,	82.1,
5	15.2,	204.2,	221.9,	-226.2,	63.0,	6	15.2,	180.3,	232.9,	-240.8,	42.1,
7	15.2,	150.9,	236.8,	-248.2,	19.9,	8	15.2,	116.9,	233.5,	-248.0,	-3.0,
9	15.2,	79.4,	223.1,	-240.3,	-25.8,	10	15.2,	116.9,	233.5,	-239.1,	-47.7,
11	15.2,	150.9,	236.8,	-230.6,	-68.2,	12	15.2,	180.3,	232.9,	-215.1,	-86.7,
13	15.2,	204.2,	221.9,	-193.1,	-102.5,	14	15.2,	221.9,	204.2,	-165.2,	-115.2,
15	0.0,	0.0,	0.0,	0.0,	0.0,	16	0.0,	0.0,	0.0,	0.0,	0.0,
17	0.0,	0.0,	0.0,	0.0,	0.0,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	15.2,	233.5,	116.9,	-10.7,	-122.3,	20	15.2,	236.8,	150.9,	-7.2,	-112.2,
21	15.2,	232.9,	180.3,	-3.4,	-98.6,	22	15.2,	221.9,	204.2,	0.4,	-82.1,
23	15.2,	204.2,	221.9,	4.2,	-63.0,	24	15.2,	180.3,	232.9,	8.0,	-42.1,
25	15.2,	150.9,	236.8,	11.4,	-19.9,	26	15.2,	116.9,	233.5,	14.6,	3.0,
27	15.2,	79.4,	223.1,	17.2,	25.8,	28	15.2,	116.9,	233.5,	5.6,	47.7,
29	15.2,	150.9,	236.8,	-6.2,	68.2,	30	15.2,	180.3,	232.9,	-17.8,	86.7,
31	15.2,	204.2,	221.9,	-28.9,	102.5,	32	15.2,	221.9,	204.2,	-39.0,	115.2,
33	0.0,	0.0,	0.0,	0.0,	0.0,	34	0.0,	0.0,	0.0,	0.0,	0.0,
35	0.0,	0.0,	0.0,	0.0,	0.0,	36	0.0,	0.0,	0.0,	0.0,	0.0,

SOURCE ID: STCK2

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	15.2,	233.5,	116.9,	-102.4,	123.0,	2	15.2,	236.8,	150.9,	-140.1,	113.5,
3	15.2,	232.9,	180.3,	-173.5,	100.6,	4	15.2,	221.9,	204.2,	-201.7,	84.6,
5	15.2,	204.2,	221.9,	-223.7,	66.0,	6	15.2,	180.3,	232.9,	-238.9,	45.4,
7	15.2,	150.9,	236.8,	-246.9,	23.4,	8	15.2,	116.9,	233.5,	-247.4,	0.8,
9	15.2,	79.4,	223.1,	-240.3,	-21.9,	10	15.2,	116.9,	233.5,	-239.7,	-43.9,
11	15.2,	150.9,	236.8,	-231.9,	-64.6,	12	15.2,	180.3,	232.9,	-217.0,	-83.4,
13	15.2,	204.2,	221.9,	-195.5,	-99.6,	14	15.2,	221.9,	204.2,	-168.1,	-112.7,
15	15.2,	232.9,	180.3,	-135.5,	-122.5,	16	0.0,	0.0,	0.0,	0.0,	0.0,
17	0.0,	0.0,	0.0,	0.0,	0.0,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	15.2,	233.5,	116.9,	-14.5,	-123.0,	20	15.2,	236.8,	150.9,	-10.8,	-113.5,
21	15.2,	232.9,	180.3,	-6.8,	-100.6,	22	15.2,	221.9,	204.2,	-2.5,	-84.6,
23	15.2,	204.2,	221.9,	1.8,	-66.0,	24	15.2,	180.3,	232.9,	6.0,	-45.4,
25	15.2,	150.9,	236.8,	10.1,	-23.4,	26	15.2,	116.9,	233.5,	13.9,	-0.8,
27	15.2,	79.4,	223.1,	17.2,	21.9,	28	15.2,	116.9,	233.5,	6.3,	43.9,
29	15.2,	150.9,	236.8,	-4.9,	64.6,	30	15.2,	180.3,	232.9,	-15.9,	83.4,
31	15.2,	204.2,	221.9,	-26.4,	99.6,	32	15.2,	221.9,	204.2,	-36.1,	112.7,
33	15.2,	232.9,	180.3,	-44.7,	122.5,	34	0.0,	0.0,	0.0,	0.0,	0.0,
35	0.0,	0.0,	0.0,	0.0,	0.0,	36	0.0,	0.0,	0.0,	0.0,	0.0,

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

SOURCE ID: STCK3

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	15.2,	233.5,	116.9,	-98.1,	123.8,	2	15.2,	236.8,	150.9,	-136.0,	115.0,
3	15.2,	232.9,	180.3,	-169.7,	102.8,	4	15.2,	221.9,	204.2,	-198.3,	87.4,
5	15.2,	204.2,	221.9,	-220.9,	69.3,	6	15.2,	180.3,	232.9,	-236.7,	49.2,
7	15.2,	150.9,	236.8,	-245.4,	27.6,	8	15.2,	116.9,	233.5,	-246.6,	5.1,
9	15.2,	79.4,	223.1,	-240.3,	-17.6,	10	15.2,	116.9,	233.5,	-240.5,	-39.6,
11	15.2,	150.9,	236.8,	-233.4,	-60.5,	12	15.2,	180.3,	232.9,	-219.2,	-79.6,
13	15.2,	204.2,	221.9,	-198.3,	-96.2,	14	15.2,	221.9,	204.2,	-171.4,	-109.9,
15	15.2,	232.9,	180.3,	-139.3,	-120.3,	16	0.0,	0.0,	0.0,	0.0,	0.0,
17	0.0,	0.0,	0.0,	0.0,	0.0,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	15.2,	233.5,	116.9,	-18.8,	-123.8,	20	15.2,	236.8,	150.9,	-14.9,	-115.0,
21	15.2,	232.9,	180.3,	-10.6,	-102.8,	22	15.2,	221.9,	204.2,	-5.9,	-87.4,
23	15.2,	204.2,	221.9,	-1.0,	-69.3,	24	15.2,	180.3,	232.9,	3.9,	-49.2,
25	15.2,	150.9,	236.8,	8.6,	-27.6,	26	15.2,	116.9,	233.5,	13.1,	-5.1,
27	15.2,	79.4,	223.1,	17.2,	17.6,	28	15.2,	116.9,	233.5,	7.0,	39.6,
29	15.2,	150.9,	236.8,	-3.4,	60.5,	30	15.2,	180.3,	232.9,	-13.7,	79.6,
31	15.2,	204.2,	221.9,	-23.6,	96.2,	32	15.2,	221.9,	204.2,	-32.8,	109.9,
33	15.2,	232.9,	180.3,	-40.9,	120.3,	34	0.0,	0.0,	0.0,	0.0,	0.0,
35	0.0,	0.0,	0.0,	0.0,	0.0,	36	0.0,	0.0,	0.0,	0.0,	0.0,

SOURCE ID: STCK4

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	0.0,	0.0,	0.0,	0.0,	0.0,	2	15.2,	236.8,	150.9,	-131.9,	116.5,
3	15.2,	232.9,	180.3,	-165.9,	104.9,	4	15.2,	221.9,	204.2,	-195.0,	90.2,
5	15.2,	204.2,	221.9,	-218.1,	72.7,	6	15.2,	180.3,	232.9,	-234.6,	53.0,
7	15.2,	150.9,	236.8,	-243.9,	31.7,	8	15.2,	116.9,	233.5,	-245.8,	9.4,
9	15.2,	79.4,	223.1,	-240.3,	-13.2,	10	15.2,	116.9,	233.5,	-241.3,	-35.3,
11	15.2,	150.9,	236.8,	-234.9,	-56.4,	12	15.2,	180.3,	232.9,	-221.4,	-75.8,
13	15.2,	204.2,	221.9,	-201.1,	-92.9,	14	15.2,	221.9,	204.2,	-174.8,	-107.1,
15	15.2,	232.9,	180.3,	-143.1,	-118.1,	16	15.2,	236.8,	150.9,	-107.1,	-125.5,
17	0.0,	0.0,	0.0,	0.0,	0.0,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	0.0,	0.0,	0.0,	0.0,	0.0,	20	15.2,	236.8,	150.9,	-19.0,	-116.5,
21	15.2,	232.9,	180.3,	-14.3,	-104.9,	22	15.2,	221.9,	204.2,	-9.2,	-90.2,
23	15.2,	204.2,	221.9,	-3.8,	-72.7,	24	15.2,	180.3,	232.9,	1.7,	-53.0,
25	15.2,	150.9,	236.8,	7.1,	-31.7,	26	15.2,	116.9,	233.5,	12.4,	-9.4,
27	15.2,	79.4,	223.1,	17.2,	13.2,	28	15.2,	116.9,	233.5,	7.8,	35.3,
29	15.2,	150.9,	236.8,	-1.9,	56.4,	30	15.2,	180.3,	232.9,	-11.5,	75.8,
31	15.2,	204.2,	221.9,	-20.8,	92.9,	32	15.2,	221.9,	204.2,	-29.4,	107.1,
33	15.2,	232.9,	180.3,	-37.2,	118.1,	34	15.2,	236.8,	150.9,	-43.8,	125.5,
35	0.0,	0.0,	0.0,	0.0,	0.0,	36	0.0,	0.0,	0.0,	0.0,	0.0,

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK5

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	0.0,	0.0,	0.0,	0.0,	0.0,	2	15.2,	236.8,	150.9,	-128.3,	117.8,
3	15.2,	232.9,	180.3,	-162.6,	106.8,	4	15.2,	221.9,	204.2,	-192.0,	92.6,
5	15.2,	204.2,	221.9,	-215.6,	75.6,	6	15.2,	180.3,	232.9,	-232.6,	56.3,
7	15.2,	150.9,	236.8,	-242.6,	35.2,	8	15.2,	116.9,	233.5,	-245.2,	13.1,
9	15.2,	79.4,	223.1,	-240.3,	-9.4,	10	15.2,	116.9,	233.5,	-241.9,	-31.6,
11	15.2,	150.9,	236.8,	-236.2,	-52.8,	12	15.2,	180.3,	232.9,	-223.3,	-72.5,
13	15.2,	204.2,	221.9,	-203.6,	-90.0,	14	15.2,	221.9,	204.2,	-177.7,	-104.7,
15	15.2,	232.9,	180.3,	-146.4,	-116.2,	16	15.2,	236.8,	150.9,	-110.7,	-124.2,
17	0.0,	0.0,	0.0,	0.0,	0.0,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	0.0,	0.0,	0.0,	0.0,	0.0,	20	15.2,	236.8,	150.9,	-22.6,	-117.8,
21	15.2,	232.9,	180.3,	-17.6,	-106.8,	22	15.2,	221.9,	204.2,	-12.2,	-92.6,
23	15.2,	204.2,	221.9,	-6.3,	-75.6,	24	15.2,	180.3,	232.9,	-0.2,	-56.3,
25	15.2,	150.9,	236.8,	5.8,	-35.2,	26	15.2,	116.9,	233.5,	11.7,	-13.1,
27	15.2,	79.4,	223.1,	17.2,	9.4,	28	15.2,	116.9,	233.5,	8.5,	31.6,
29	15.2,	150.9,	236.8,	-0.6,	52.8,	30	15.2,	180.3,	232.9,	-9.6,	72.5,
31	15.2,	204.2,	221.9,	-18.3,	90.0,	32	15.2,	221.9,	204.2,	-26.5,	104.7,
33	15.2,	232.9,	180.3,	-33.8,	116.2,	34	15.2,	236.8,	150.9,	-40.2,	124.2,
35	0.0,	0.0,	0.0,	0.0,	0.0,	36	0.0,	0.0,	0.0,	0.0,	0.0,

SOURCE ID: STCK6

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	0.0,	0.0,	0.0,	0.0,	0.0,	2	15.2,	236.8,	150.9,	-124.5,	119.2,
3	15.2,	232.9,	180.3,	-159.2,	108.8,	4	15.2,	221.9,	204.2,	-189.0,	95.2,
5	15.2,	204.2,	221.9,	-213.1,	78.7,	6	15.2,	180.3,	232.9,	-230.6,	59.8,
7	15.2,	150.9,	236.8,	-241.2,	39.0,	8	15.2,	116.9,	233.5,	-244.5,	17.1,
9	15.2,	79.4,	223.1,	-240.3,	-5.4,	10	15.2,	116.9,	233.5,	-242.6,	-27.6,
11	15.2,	150.9,	236.8,	-237.6,	-49.1,	12	15.2,	180.3,	232.9,	-225.3,	-69.0,
13	15.2,	204.2,	221.9,	-206.2,	-86.9,	14	15.2,	221.9,	204.2,	-180.8,	-102.1,
15	15.2,	232.9,	180.3,	-149.9,	-114.2,	16	15.2,	236.8,	150.9,	-114.5,	-122.8,
17	0.0,	0.0,	0.0,	0.0,	0.0,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	0.0,	0.0,	0.0,	0.0,	0.0,	20	15.2,	236.8,	150.9,	-26.4,	-119.2,
21	15.2,	232.9,	180.3,	-21.1,	-108.8,	22	15.2,	221.9,	204.2,	-15.2,	-95.2,
23	15.2,	204.2,	221.9,	-8.9,	-78.7,	24	15.2,	180.3,	232.9,	-2.2,	-59.8,
25	15.2,	150.9,	236.8,	4.5,	-39.0,	26	15.2,	116.9,	233.5,	11.0,	-17.1,
27	15.2,	79.4,	223.1,	17.2,	5.4,	28	15.2,	116.9,	233.5,	9.2,	27.6,
29	15.2,	150.9,	236.8,	0.8,	49.1,	30	15.2,	180.3,	232.9,	-7.6,	69.0,
31	15.2,	204.2,	221.9,	-15.7,	86.9,	32	15.2,	221.9,	204.2,	-23.4,	102.1,
33	15.2,	232.9,	180.3,	-30.4,	114.2,	34	15.2,	236.8,	150.9,	-36.4,	122.8,
35	0.0,	0.0,	0.0,	0.0,	0.0,	36	0.0,	0.0,	0.0,	0.0,	0.0,

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

SOURCE ID: STCK7

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	0.0,	0.0,	0.0,	0.0,	0.0,	2	15.2,	236.8,	150.9,	-120.6,	120.6,
3	15.2,	232.9,	180.3,	-155.5,	110.9,	4	15.2,	221.9,	204.2,	-185.8,	97.9,
5	15.2,	204.2,	221.9,	-210.4,	81.9,	6	15.2,	180.3,	232.9,	-228.5,	63.4,
7	15.2,	150.9,	236.8,	-239.8,	42.9,	8	15.2,	116.9,	233.5,	-243.8,	21.2,
9	15.2,	79.4,	223.1,	-240.3,	-1.2,	10	15.2,	116.9,	233.5,	-243.4,	-23.5,
11	15.2,	150.9,	236.8,	-239.0,	-45.1,	12	15.2,	180.3,	232.9,	-227.4,	-65.4,
13	15.2,	204.2,	221.9,	-208.9,	-83.7,	14	15.2,	221.9,	204.2,	-184.0,	-99.4,
15	15.2,	232.9,	180.3,	-153.5,	-112.1,	16	15.2,	236.8,	150.9,	-118.4,	-121.4,
17	0.0,	0.0,	0.0,	0.0,	0.0,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	0.0,	0.0,	0.0,	0.0,	0.0,	20	15.2,	236.8,	150.9,	-30.3,	-120.6,
21	15.2,	232.9,	180.3,	-24.7,	-110.9,	22	15.2,	221.9,	204.2,	-18.4,	-97.9,
23	15.2,	204.2,	221.9,	-11.6,	-81.9,	24	15.2,	180.3,	232.9,	-4.3,	-63.4,
25	15.2,	150.9,	236.8,	3.0,	-42.9,	26	15.2,	116.9,	233.5,	10.3,	-21.2,
27	15.2,	79.4,	223.1,	17.2,	1.2,	28	15.2,	116.9,	233.5,	9.9,	23.5,
29	15.2,	150.9,	236.8,	2.2,	45.1,	30	15.2,	180.3,	232.9,	-5.5,	65.4,
31	15.2,	204.2,	221.9,	-13.1,	83.7,	32	15.2,	221.9,	204.2,	-20.2,	99.4,
33	15.2,	232.9,	180.3,	-26.8,	112.1,	34	15.2,	236.8,	150.9,	-32.5,	121.4,
35	0.0,	0.0,	0.0,	0.0,	0.0,	36	0.0,	0.0,	0.0,	0.0,	0.0,

SOURCE ID: STCK8

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	0.0,	0.0,	0.0,	0.0,	0.0,	2	15.2,	236.8,	150.9,	-112.8,	123.5,
3	15.2,	232.9,	180.3,	-148.4,	115.1,	4	15.2,	221.9,	204.2,	-179.4,	103.2,
5	15.2,	204.2,	221.9,	-205.0,	88.2,	6	15.2,	180.3,	232.9,	-224.4,	70.6,
7	15.2,	150.9,	236.8,	-237.0,	50.7,	8	15.2,	116.9,	233.5,	-242.3,	29.4,
9	15.2,	79.4,	223.1,	-240.3,	7.1,	10	15.2,	116.9,	233.5,	-244.8,	-15.4,
11	15.2,	150.9,	236.8,	-241.8,	-37.3,	12	15.2,	180.3,	232.9,	-231.5,	-58.2,
13	15.2,	204.2,	221.9,	-214.2,	-77.3,	14	15.2,	221.9,	204.2,	-190.3,	-94.1,
15	15.2,	232.9,	180.3,	-160.7,	-108.0,	16	15.2,	236.8,	150.9,	-126.2,	-118.6,
17	0.0,	0.0,	0.0,	0.0,	0.0,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	0.0,	0.0,	0.0,	0.0,	0.0,	20	15.2,	236.8,	150.9,	-38.1,	-123.5,
21	15.2,	232.9,	180.3,	-31.9,	-115.1,	22	15.2,	221.9,	204.2,	-24.8,	-103.2,
23	15.2,	204.2,	221.9,	-16.9,	-88.2,	24	15.2,	180.3,	232.9,	-8.5,	-70.6,
25	15.2,	150.9,	236.8,	0.2,	-50.7,	26	15.2,	116.9,	233.5,	8.9,	-29.4,
27	15.2,	79.4,	223.1,	17.2,	-7.1,	28	15.2,	116.9,	233.5,	11.3,	15.4,
29	15.2,	150.9,	236.8,	5.1,	37.3,	30	15.2,	180.3,	232.9,	-1.4,	58.2,
31	15.2,	204.2,	221.9,	-7.7,	77.3,	32	15.2,	221.9,	204.2,	-13.9,	94.1,
33	15.2,	232.9,	180.3,	-19.6,	108.0,	34	15.2,	236.8,	150.9,	-24.7,	118.6,
35	0.0,	0.0,	0.0,	0.0,	0.0,	36	0.0,	0.0,	0.0,	0.0,	0.0,

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK9

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	0.0,	0.0,	0.0,	0.0,	0.0,	2	15.2,	236.8,	150.9,	-109.3,	124.7,
3	15.2,	232.9,	180.3,	-145.1,	117.0,	4	15.2,	221.9,	204.2,	-176.6,	105.6,
5	15.2,	204.2,	221.9,	-202.6,	91.1,	6	15.2,	180.3,	232.9,	-222.5,	73.8,
7	15.2,	150.9,	236.8,	-235.7,	54.2,	8	15.2,	116.9,	233.5,	-241.7,	33.0,
9	15.2,	79.4,	223.1,	-240.3,	10.9,	10	15.2,	116.9,	233.5,	-245.4,	-11.7,
11	15.2,	150.9,	236.8,	-243.1,	-33.8,	12	15.2,	180.3,	232.9,	-233.4,	-55.0,
13	15.2,	204.2,	221.9,	-216.6,	-74.5,	14	15.2,	221.9,	204.2,	-193.2,	-91.7,
15	15.2,	232.9,	180.3,	-163.9,	-106.1,	16	15.2,	236.8,	150.9,	-129.7,	-117.3,
17	0.0,	0.0,	0.0,	0.0,	0.0,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	0.0,	0.0,	0.0,	0.0,	0.0,	20	15.2,	236.8,	150.9,	-41.6,	-124.7,
21	15.2,	232.9,	180.3,	-35.1,	-117.0,	22	15.2,	221.9,	204.2,	-27.6,	-105.6,
23	15.2,	204.2,	221.9,	-19.3,	-91.1,	24	15.2,	180.3,	232.9,	-10.3,	-73.8,
25	15.2,	150.9,	236.8,	-1.1,	-54.2,	26	15.2,	116.9,	233.5,	8.2,	-33.0,
27	15.2,	79.4,	223.1,	17.2,	-10.9,	28	15.2,	116.9,	233.5,	12.0,	11.7,
29	15.2,	150.9,	236.8,	6.3,	33.8,	30	15.2,	180.3,	232.9,	0.5,	55.0,
31	15.2,	204.2,	221.9,	-5.3,	74.5,	32	15.2,	221.9,	204.2,	-11.0,	91.7,
33	15.2,	232.9,	180.3,	-16.4,	106.1,	34	15.2,	236.8,	150.9,	-21.2,	117.3,
35	0.0,	0.0,	0.0,	0.0,	0.0,	36	0.0,	0.0,	0.0,	0.0,	0.0,

SOURCE ID: STCK10

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	0.0,	0.0,	0.0,	0.0,	0.0,	2	0.0,	0.0,	0.0,	0.0,	0.0,
3	15.2,	232.9,	180.3,	-141.4,	119.1,	4	15.2,	221.9,	204.2,	-173.2,	108.4,
5	15.2,	204.2,	221.9,	-199.8,	94.4,	6	15.2,	180.3,	232.9,	-220.4,	77.6,
7	15.2,	150.9,	236.8,	-234.2,	58.3,	8	15.2,	116.9,	233.5,	-240.9,	37.3,
9	15.2,	79.4,	223.1,	-240.3,	15.2,	10	15.2,	116.9,	233.5,	-246.2,	-7.4,
11	15.2,	150.9,	236.8,	-244.6,	-29.7,	12	15.2,	180.3,	232.9,	-235.6,	-51.2,
13	15.2,	204.2,	221.9,	-219.4,	-71.1,	14	15.2,	221.9,	204.2,	-196.5,	-88.9,
15	15.2,	232.9,	180.3,	-167.7,	-103.9,	16	15.2,	236.8,	150.9,	-133.8,	-115.8,
17	15.2,	233.5,	116.9,	-95.8,	-124.2,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	0.0,	0.0,	0.0,	0.0,	0.0,	20	0.0,	0.0,	0.0,	0.0,	0.0,
21	15.2,	232.9,	180.3,	-38.9,	-119.1,	22	15.2,	221.9,	204.2,	-31.0,	-108.4,
23	15.2,	204.2,	221.9,	-22.1,	-94.4,	24	15.2,	180.3,	232.9,	-12.5,	-77.6,
25	15.2,	150.9,	236.8,	-2.6,	-58.3,	26	15.2,	116.9,	233.5,	7.5,	-37.3,
27	15.2,	79.4,	223.1,	17.2,	-15.2,	28	15.2,	116.9,	233.5,	12.7,	7.4,
29	15.2,	150.9,	236.8,	7.8,	29.7,	30	15.2,	180.3,	232.9,	2.7,	51.2,
31	15.2,	204.2,	221.9,	-2.5,	71.1,	32	15.2,	221.9,	204.2,	-7.7,	88.9,
33	15.2,	232.9,	180.3,	-12.6,	103.9,	34	15.2,	236.8,	150.9,	-17.1,	115.8,
35	15.2,	233.5,	116.9,	-21.1,	124.2,	36	0.0,	0.0,	0.0,	0.0,	0.0,

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

SOURCE ID: STCK11

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	0.0,	0.0,	0.0,	0.0,	0.0,	2	0.0,	0.0,	0.0,	0.0,	0.0,
3	15.2,	232.9,	180.3,	-137.9,	121.1,	4	15.2,	221.9,	204.2,	-170.2,	111.0,
5	15.2,	204.2,	221.9,	-197.2,	97.5,	6	15.2,	180.3,	232.9,	-218.4,	81.0,
7	15.2,	150.9,	236.8,	-232.8,	62.1,	8	15.2,	116.9,	233.5,	-240.2,	41.3,
9	15.2,	79.4,	223.1,	-240.3,	19.2,	10	15.2,	116.9,	233.5,	-246.9,	-3.4,
11	15.2,	150.9,	236.8,	-246.0,	-26.0,	12	15.2,	180.3,	232.9,	-237.6,	-47.8,
13	15.2,	204.2,	221.9,	-222.0,	-68.0,	14	15.2,	221.9,	204.2,	-199.6,	-86.3,
15	15.2,	232.9,	180.3,	-171.2,	-101.9,	16	15.2,	236.8,	150.9,	-137.6,	-114.4,
17	15.2,	233.5,	116.9,	-99.7,	-123.5,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	0.0,	0.0,	0.0,	0.0,	0.0,	20	0.0,	0.0,	0.0,	0.0,	0.0,
21	15.2,	232.9,	180.3,	-42.4,	-121.1,	22	15.2,	221.9,	204.2,	-34.0,	-111.0,
23	15.2,	204.2,	221.9,	-24.7,	-97.5,	24	15.2,	180.3,	232.9,	-14.5,	-81.0,
25	15.2,	150.9,	236.8,	-3.9,	-62.1,	26	15.2,	116.9,	233.5,	6.8,	-41.3,
27	15.2,	79.4,	223.1,	17.2,	-19.2,	28	15.2,	116.9,	233.5,	13.4,	3.4,
29	15.2,	150.9,	236.8,	9.2,	26.0,	30	15.2,	180.3,	232.9,	4.7,	47.8,
31	15.2,	204.2,	221.9,	0.1,	68.0,	32	15.2,	221.9,	204.2,	-4.6,	86.3,
33	15.2,	232.9,	180.3,	-9.1,	101.9,	34	15.2,	236.8,	150.9,	-13.3,	114.4,
35	15.2,	233.5,	116.9,	-17.2,	123.5,	36	0.0,	0.0,	0.0,	0.0,	0.0,

SOURCE ID: STCK12

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	0.0,	0.0,	0.0,	0.0,	0.0,	2	0.0,	0.0,	0.0,	0.0,	0.0,
3	15.2,	232.9,	180.3,	-134.2,	123.2,	4	15.2,	221.9,	204.2,	-166.9,	113.7,
5	15.2,	204.2,	221.9,	-194.6,	100.7,	6	15.2,	180.3,	232.9,	-216.2,	84.7,
7	15.2,	150.9,	236.8,	-231.4,	66.0,	8	15.2,	116.9,	233.5,	-239.5,	45.4,
9	15.2,	79.4,	223.1,	-240.3,	23.4,	10	15.2,	116.9,	233.5,	-247.6,	0.7,
11	15.2,	150.9,	236.8,	-247.4,	-22.1,	12	15.2,	180.3,	232.9,	-239.7,	-44.1,
13	15.2,	204.2,	221.9,	-224.7,	-64.8,	14	15.2,	221.9,	204.2,	-202.8,	-83.6,
15	15.2,	232.9,	180.3,	-174.8,	-99.8,	16	15.2,	236.8,	150.9,	-141.5,	-113.0,
17	15.2,	233.5,	116.9,	-103.9,	-122.8,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	0.0,	0.0,	0.0,	0.0,	0.0,	20	0.0,	0.0,	0.0,	0.0,	0.0,
21	15.2,	232.9,	180.3,	-46.0,	-123.2,	22	15.2,	221.9,	204.2,	-37.2,	-113.7,
23	15.2,	204.2,	221.9,	-27.4,	-100.7,	24	15.2,	180.3,	232.9,	-16.6,	-84.7,
25	15.2,	150.9,	236.8,	-5.4,	-66.0,	26	15.2,	116.9,	233.5,	6.0,	-45.4,
27	15.2,	79.4,	223.1,	17.2,	-23.4,	28	15.2,	116.9,	233.5,	14.2,	-0.7,
29	15.2,	150.9,	236.8,	10.6,	22.1,	30	15.2,	180.3,	232.9,	6.8,	44.1,
31	15.2,	204.2,	221.9,	2.8,	64.8,	32	15.2,	221.9,	204.2,	-1.4,	83.6,
33	15.2,	232.9,	180.3,	-5.5,	99.8,	34	15.2,	236.8,	150.9,	-9.4,	113.0,
35	15.2,	233.5,	116.9,	-13.0,	122.8,	36	0.0,	0.0,	0.0,	0.0,	0.0,

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK13

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	0.0,	0.0,	0.0,	0.0,	0.0,	2	0.0,	0.0,	0.0,	0.0,	0.0,
3	0.0,	0.0,	0.0,	0.0,	0.0,	4	15.2,	221.9,	204.2,	-163.7,	116.4,
5	15.2,	204.2,	221.9,	-191.9,	103.9,	6	15.2,	180.3,	232.9,	-214.2,	88.3,
7	15.2,	150.9,	236.8,	-230.0,	70.0,	8	15.2,	116.9,	233.5,	-238.8,	49.5,
9	15.2,	79.4,	223.1,	-240.3,	27.6,	10	15.2,	116.9,	233.5,	-248.3,	4.8,
11	15.2,	150.9,	236.8,	-248.8,	-18.1,	12	15.2,	180.3,	232.9,	-241.8,	-40.5,
13	15.2,	204.2,	221.9,	-227.3,	-61.6,	14	15.2,	221.9,	204.2,	-206.0,	-80.9,
15	15.2,	232.9,	180.3,	-178.4,	-97.7,	16	15.2,	236.8,	150.9,	-145.4,	-111.6,
17	15.2,	233.5,	116.9,	-108.0,	-122.0,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	0.0,	0.0,	0.0,	0.0,	0.0,	20	0.0,	0.0,	0.0,	0.0,	0.0,
21	0.0,	0.0,	0.0,	0.0,	0.0,	22	15.2,	221.9,	204.2,	-40.5,	-116.4,
23	15.2,	204.2,	221.9,	-30.0,	-103.9,	24	15.2,	180.3,	232.9,	-18.7,	-88.3,
25	15.2,	150.9,	236.8,	-6.8,	-70.0,	26	15.2,	116.9,	233.5,	5.3,	-49.5,
27	15.2,	79.4,	223.1,	17.2,	-27.6,	28	15.2,	116.9,	233.5,	14.9,	-4.8,
29	15.2,	150.9,	236.8,	12.1,	18.1,	30	15.2,	180.3,	232.9,	8.9,	40.5,
31	15.2,	204.2,	221.9,	5.4,	61.6,	32	15.2,	221.9,	204.2,	1.8,	80.9,
33	15.2,	232.9,	180.3,	-1.9,	97.7,	34	15.2,	236.8,	150.9,	-5.5,	111.6,
35	15.2,	233.5,	116.9,	-8.9,	122.0,	36	0.0,	0.0,	0.0,	0.0,	0.0,

SOURCE ID: STCK14

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	0.0,	0.0,	0.0,	0.0,	0.0,	2	0.0,	0.0,	0.0,	0.0,	0.0,
3	0.0,	0.0,	0.0,	0.0,	0.0,	4	0.0,	0.0,	0.0,	0.0,	0.0,
5	15.2,	204.2,	221.9,	-189.3,	107.0,	6	15.2,	180.3,	232.9,	-212.2,	91.8,
7	15.2,	150.9,	236.8,	-228.6,	73.7,	8	15.2,	116.9,	233.5,	-238.1,	53.5,
9	15.2,	79.4,	223.1,	-240.3,	31.6,	10	15.2,	116.9,	233.5,	-249.0,	8.8,
11	15.2,	150.9,	236.8,	-250.2,	-14.4,	12	15.2,	180.3,	232.9,	-243.8,	-37.0,
13	15.2,	204.2,	221.9,	-229.9,	-58.6,	14	15.2,	221.9,	204.2,	-209.1,	-78.3,
15	15.2,	232.9,	180.3,	-181.9,	-95.7,	16	15.2,	236.8,	150.9,	-149.2,	-110.2,
17	15.2,	233.5,	116.9,	-111.9,	-121.3,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	0.0,	0.0,	0.0,	0.0,	0.0,	20	0.0,	0.0,	0.0,	0.0,	0.0,
21	0.0,	0.0,	0.0,	0.0,	0.0,	22	0.0,	0.0,	0.0,	0.0,	0.0,
23	15.2,	204.2,	221.9,	-32.6,	-107.0,	24	15.2,	180.3,	232.9,	-20.7,	-91.8,
25	15.2,	150.9,	236.8,	-8.2,	-73.7,	26	15.2,	116.9,	233.5,	4.6,	-53.5,
27	15.2,	79.4,	223.1,	17.2,	-31.6,	28	15.2,	116.9,	233.5,	15.6,	-8.8,
29	15.2,	150.9,	236.8,	13.4,	14.4,	30	15.2,	180.3,	232.9,	10.9,	37.0,
31	15.2,	204.2,	221.9,	8.0,	58.6,	32	15.2,	221.9,	204.2,	4.9,	78.3,
33	15.2,	232.9,	180.3,	1.6,	95.7,	34	15.2,	236.8,	150.9,	-1.7,	110.2,
35	15.2,	233.5,	116.9,	-5.0,	121.3,	36	0.0,	0.0,	0.0,	0.0,	0.0,

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

SOURCE ID: STCK15

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	0.0,	0.0,	0.0,	0.0,	0.0,	2	0.0,	0.0,	0.0,	0.0,	0.0,
3	0.0,	0.0,	0.0,	0.0,	0.0,	4	0.0,	0.0,	0.0,	0.0,	0.0,
5	0.0,	0.0,	0.0,	0.0,	0.0,	6	15.2,	180.3,	232.9,	-210.2,	95.1,
7	15.2,	150.9,	236.8,	-227.3,	77.3,	8	15.2,	116.9,	233.5,	-237.4,	57.2,
9	15.2,	79.4,	223.1,	-240.3,	35.4,	10	15.2,	116.9,	233.5,	-249.7,	12.5,
11	15.2,	150.9,	236.8,	-251.5,	-10.8,	12	15.2,	180.3,	232.9,	-245.7,	-33.7,
13	15.2,	204.2,	221.9,	-232.4,	-55.6,	14	15.2,	221.9,	204.2,	-212.0,	-75.9,
15	15.2,	232.9,	180.3,	-185.2,	-93.8,	16	15.2,	236.8,	150.9,	-152.8,	-108.9,
17	15.2,	233.5,	116.9,	-115.7,	-120.7,	18	0.0,	0.0,	0.0,	0.0,	0.0,
19	0.0,	0.0,	0.0,	0.0,	0.0,	20	0.0,	0.0,	0.0,	0.0,	0.0,
21	0.0,	0.0,	0.0,	0.0,	0.0,	22	0.0,	0.0,	0.0,	0.0,	0.0,
23	0.0,	0.0,	0.0,	0.0,	0.0,	24	15.2,	180.3,	232.9,	-22.6,	-95.1,
25	15.2,	150.9,	236.8,	-9.5,	-77.3,	26	15.2,	116.9,	233.5,	3.9,	-57.2,
27	15.2,	79.4,	223.1,	17.2,	-35.4,	28	15.2,	116.9,	233.5,	16.2,	-12.5,
29	15.2,	150.9,	236.8,	14.8,	10.8,	30	15.2,	180.3,	232.9,	12.8,	33.7,
31	15.2,	204.2,	221.9,	10.5,	55.6,	32	15.2,	221.9,	204.2,	7.8,	75.9,
33	15.2,	232.9,	180.3,	4.9,	93.8,	34	15.2,	236.8,	150.9,	1.9,	108.9,
35	15.2,	233.5,	116.9,	-1.2,	120.7,	36	0.0,	0.0,	0.0,	0.0,	0.0,

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000445 through L0000619 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.5000E+00	11	.1000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.1000E+01	21	.1000E+01	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.5000E+00	11	.1000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.1000E+01	21	.1000E+01	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.5000E+00	11	.1000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.1000E+01	21	.1000E+01	22	.0000E+00	23	.0000E+00	24	.0000E+00

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA2 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.5000E+00	11	.1000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.1000E+01	21	.1000E+01	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.5000E+00	11	.1000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.1000E+01	21	.1000E+01	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.5000E+00	11	.1000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.1000E+01	21	.1000E+01	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA3 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.5000E+00	11	.1000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.1000E+01	21	.1000E+01	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.5000E+00	11	.1000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.1000E+01	21	.1000E+01	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.5000E+00	11	.1000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.1000E+01	21	.1000E+01	22	.0000E+00	23	.0000E+00	24	.0000E+00

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VANIDLE1 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.5000E+00	11	.1000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.1000E+01	21	.1000E+01	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.5000E+00	11	.1000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.1000E+01	21	.1000E+01	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.5000E+00	11	.1000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.1000E+01	21	.1000E+01	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VANIDLE2 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.5000E+00	11	.1000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.1000E+01	21	.1000E+01	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.5000E+00	11	.1000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.1000E+01	21	.1000E+01	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.5000E+00	11	.1000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.1000E+01	21	.1000E+01	22	.0000E+00	23	.0000E+00	24	.0000E+00

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(	555388.2,	4201476.9,	4.5,	4.5,	1.5);	(555408.2,	4201476.9,	4.6,	4.6,	1.5);
(	555428.2,	4201476.9,	4.6,	4.6,	1.5);	(555448.2,	4201476.9,	4.7,	4.7,	1.5);
(	555468.2,	4201476.9,	4.8,	4.8,	1.5);	(555488.2,	4201476.9,	4.9,	4.9,	1.5);
(	555508.2,	4201476.9,	4.9,	4.9,	1.5);	(555528.2,	4201476.9,	5.0,	5.0,	1.5);
(	555548.2,	4201476.9,	5.1,	5.1,	1.5);	(555568.2,	4201476.9,	5.2,	5.2,	1.5);
(	555588.2,	4201476.9,	5.2,	5.2,	1.5);	(555628.2,	4201476.9,	5.4,	5.4,	1.5);
(	555648.2,	4201476.9,	5.5,	5.5,	1.5);	(555668.2,	4201476.9,	5.6,	5.6,	1.5);
(	555708.2,	4201476.9,	5.8,	5.8,	1.5);	(555728.2,	4201476.9,	5.9,	5.9,	1.5);
(	555748.2,	4201476.9,	5.9,	5.9,	1.5);	(555788.2,	4201476.9,	6.1,	6.1,	1.5);
(	555808.2,	4201476.9,	6.2,	6.2,	1.5);	(555828.2,	4201476.9,	6.2,	6.2,	1.5);
(	555848.2,	4201476.9,	6.4,	6.4,	1.5);	(555868.2,	4201476.9,	6.5,	6.5,	1.5);
(	555888.2,	4201476.9,	6.6,	6.6,	1.5);	(555908.2,	4201476.9,	6.7,	6.7,	1.5);
(	555928.2,	4201476.9,	6.8,	6.8,	1.5);	(555948.2,	4201476.9,	6.9,	6.9,	1.5);
(	555968.2,	4201476.9,	7.0,	7.0,	1.5);	(555988.2,	4201476.9,	7.1,	7.1,	1.5);
(	556008.2,	4201476.9,	7.2,	7.2,	1.5);	(556028.2,	4201476.9,	7.3,	7.3,	1.5);
(	556048.2,	4201476.9,	7.4,	7.4,	1.5);	(556068.2,	4201476.9,	7.5,	7.5,	1.5);
(	555388.2,	4201486.9,	4.5,	4.5,	1.5);	(555408.2,	4201486.9,	4.6,	4.6,	1.5);
(	555428.2,	4201486.9,	4.7,	4.7,	1.5);	(555448.2,	4201486.9,	4.7,	4.7,	1.5);
(	555468.2,	4201486.9,	4.8,	4.8,	1.5);	(555488.2,	4201486.9,	4.8,	4.8,	1.5);
(	555508.2,	4201486.9,	4.9,	4.9,	1.5);	(555528.2,	4201486.9,	5.0,	5.0,	1.5);
(	555548.2,	4201486.9,	5.1,	5.1,	1.5);	(555568.2,	4201486.9,	5.2,	5.2,	1.5);
(	555588.2,	4201486.9,	5.2,	5.2,	1.5);	(555628.2,	4201486.9,	5.4,	5.4,	1.5);
(	555648.2,	4201486.9,	5.5,	5.5,	1.5);	(555668.2,	4201486.9,	5.6,	5.6,	1.5);
(	555708.2,	4201486.9,	5.8,	5.8,	1.5);	(555728.2,	4201486.9,	5.9,	5.9,	1.5);
(	555748.2,	4201486.9,	6.0,	6.0,	1.5);	(555788.2,	4201486.9,	6.1,	6.1,	1.5);
(	555808.2,	4201486.9,	6.2,	6.2,	1.5);	(555828.2,	4201486.9,	6.3,	6.3,	1.5);
(	555848.2,	4201486.9,	6.4,	6.4,	1.5);	(555868.2,	4201486.9,	6.5,	6.5,	1.5);
(	555888.2,	4201486.9,	6.6,	6.6,	1.5);	(555908.2,	4201486.9,	6.7,	6.7,	1.5);
(	555928.2,	4201486.9,	6.8,	6.8,	1.5);	(555948.2,	4201486.9,	6.9,	6.9,	1.5);
(	555968.2,	4201486.9,	7.0,	7.0,	1.5);	(555988.2,	4201486.9,	7.1,	7.1,	1.5);
(	556008.2,	4201486.9,	7.2,	7.2,	1.5);	(556028.2,	4201486.9,	7.4,	7.4,	1.5);
(	556048.2,	4201486.9,	7.4,	7.4,	1.5);	(556068.2,	4201486.9,	7.5,	7.5,	1.5);
(	555388.2,	4201496.9,	4.5,	4.5,	1.5);	(555408.2,	4201496.9,	4.6,	4.6,	1.5);
(	555428.2,	4201496.9,	4.7,	4.7,	1.5);	(555448.2,	4201496.9,	4.7,	4.7,	1.5);
(	555468.2,	4201496.9,	4.8,	4.8,	1.5);	(555488.2,	4201496.9,	4.8,	4.8,	1.5);
(	555508.2,	4201496.9,	4.9,	4.9,	1.5);	(555528.2,	4201496.9,	5.0,	5.0,	1.5);
(	555548.2,	4201496.9,	5.1,	5.1,	1.5);	(555568.2,	4201496.9,	5.2,	5.2,	1.5);
(	555588.2,	4201496.9,	5.2,	5.2,	1.5);	(555628.2,	4201496.9,	5.4,	5.4,	1.5);
(	555648.2,	4201496.9,	5.5,	5.5,	1.5);	(555668.2,	4201496.9,	5.6,	5.6,	1.5);
(	555708.2,	4201496.9,	5.8,	5.8,	1.5);	(555728.2,	4201496.9,	5.9,	5.9,	1.5);
(	555748.2,	4201496.9,	6.0,	6.0,	1.5);	(555788.2,	4201496.9,	6.1,	6.1,	1.5);
(	555808.2,	4201496.9,	6.2,	6.2,	1.5);	(555828.2,	4201496.9,	6.3,	6.3,	1.5);

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(555968.2,	4201496.9,	7.0,	7.0,	1.5);	(555988.2,	4201496.9,	7.1,	7.1,	1.5);
(556008.2,	4201496.9,	7.2,	7.2,	1.5);	(556028.2,	4201496.9,	7.3,	7.3,	1.5);
(556048.2,	4201496.9,	7.4,	7.4,	1.5);	(556068.2,	4201496.9,	7.6,	7.6,	1.5);
(555388.2,	4201506.9,	4.5,	4.5,	1.5);	(555408.2,	4201506.9,	4.6,	4.6,	1.5);
(555428.2,	4201506.9,	4.7,	4.7,	1.5);	(555448.2,	4201506.9,	4.7,	4.7,	1.5);
(555468.2,	4201506.9,	4.8,	4.8,	1.5);	(555488.2,	4201506.9,	4.8,	4.8,	1.5);
(555508.2,	4201506.9,	4.9,	4.9,	1.5);	(555528.2,	4201506.9,	5.0,	5.0,	1.5);
(555548.2,	4201506.9,	5.1,	5.1,	1.5);	(555568.2,	4201506.9,	5.2,	5.2,	1.5);
(555588.2,	4201506.9,	5.2,	5.2,	1.5);	(555628.2,	4201506.9,	5.4,	5.4,	1.5);
(555648.2,	4201506.9,	5.5,	5.5,	1.5);	(555668.2,	4201506.9,	5.6,	5.6,	1.5);
(555708.2,	4201506.9,	5.7,	5.7,	1.5);	(555728.2,	4201506.9,	5.9,	5.9,	1.5);
(555748.2,	4201506.9,	6.0,	6.0,	1.5);	(555788.2,	4201506.9,	6.1,	6.1,	1.5);
(555808.2,	4201506.9,	6.2,	6.2,	1.5);	(555828.2,	4201506.9,	6.3,	6.3,	1.5);
(555848.2,	4201506.9,	6.4,	6.4,	1.5);	(555868.2,	4201506.9,	6.5,	6.5,	1.5);
(555888.2,	4201506.9,	6.6,	6.6,	1.5);	(555908.2,	4201506.9,	6.7,	6.7,	1.5);
(555928.2,	4201506.9,	6.8,	6.8,	1.5);	(555948.2,	4201506.9,	6.9,	6.9,	1.5);
(555968.2,	4201506.9,	7.0,	7.0,	1.5);	(555988.2,	4201506.9,	7.1,	7.1,	1.5);
(556008.2,	4201506.9,	7.2,	7.2,	1.5);	(556028.2,	4201506.9,	7.3,	7.3,	1.5);
(556048.2,	4201506.9,	7.4,	7.4,	1.5);	(556068.2,	4201506.9,	7.6,	7.6,	1.5);
(555388.2,	4201516.9,	4.6,	4.6,	1.5);	(555408.2,	4201516.9,	4.6,	4.6,	1.5);
(555428.2,	4201516.9,	4.7,	4.7,	1.5);	(555448.2,	4201516.9,	4.7,	4.7,	1.5);
(555468.2,	4201516.9,	4.8,	4.8,	1.5);	(555488.2,	4201516.9,	4.9,	4.9,	1.5);
(555508.2,	4201516.9,	4.9,	4.9,	1.5);	(555528.2,	4201516.9,	5.0,	5.0,	1.5);
(555548.2,	4201516.9,	5.1,	5.1,	1.5);	(555568.2,	4201516.9,	5.2,	5.2,	1.5);
(555588.2,	4201516.9,	5.2,	5.2,	1.5);	(555628.2,	4201516.9,	5.4,	5.4,	1.5);
(555648.2,	4201516.9,	5.5,	5.5,	1.5);	(555668.2,	4201516.9,	5.6,	5.6,	1.5);
(555708.2,	4201516.9,	5.7,	5.7,	1.5);	(555728.2,	4201516.9,	5.9,	5.9,	1.5);
(555748.2,	4201516.9,	6.0,	6.0,	1.5);	(555788.2,	4201516.9,	6.1,	6.1,	1.5);
(555808.2,	4201516.9,	6.2,	6.2,	1.5);	(555828.2,	4201516.9,	6.3,	6.3,	1.5);
(555848.2,	4201516.9,	6.4,	6.4,	1.5);	(555868.2,	4201516.9,	6.5,	6.5,	1.5);
(555888.2,	4201516.9,	6.6,	6.6,	1.5);	(555908.2,	4201516.9,	6.7,	6.7,	1.5);
(555928.2,	4201516.9,	6.8,	6.8,	1.5);	(555948.2,	4201516.9,	6.9,	6.9,	1.5);
(555968.2,	4201516.9,	7.0,	7.0,	1.5);	(555988.2,	4201516.9,	7.1,	7.1,	1.5);
(556008.2,	4201516.9,	7.2,	7.2,	1.5);	(556028.2,	4201516.9,	7.3,	7.3,	1.5);
(556048.2,	4201516.9,	7.4,	7.4,	1.5);	(556068.2,	4201516.9,	7.5,	7.5,	1.5);
(555388.2,	4201526.9,	4.6,	4.6,	1.5);	(555408.2,	4201526.9,	4.6,	4.6,	1.5);
(555428.2,	4201526.9,	4.7,	4.7,	1.5);	(555448.2,	4201526.9,	4.7,	4.7,	1.5);
(555468.2,	4201526.9,	4.8,	4.8,	1.5);	(555488.2,	4201526.9,	4.9,	4.9,	1.5);
(555508.2,	4201526.9,	4.9,	4.9,	1.5);	(555528.2,	4201526.9,	5.0,	5.0,	1.5);

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    ( 555548.2, 4201526.9,       5.1,       5.1,       1.5);         ( 555568.2, 4201526.9,       5.2,       5.2,       1.5);
    ( 555588.2, 4201526.9,       5.2,       5.2,       1.5);         ( 555628.2, 4201526.9,       5.4,       5.4,       1.5);
    ( 555648.2, 4201526.9,       5.5,       5.5,       1.5);         ( 555668.2, 4201526.9,       5.6,       5.6,       1.5);
    ( 555708.2, 4201526.9,       5.7,       5.7,       1.5);         ( 555728.2, 4201526.9,       5.8,       5.8,       1.5);
    ( 555748.2, 4201526.9,       6.0,       6.0,       1.5);         ( 555788.2, 4201526.9,       6.1,       6.1,       1.5);
    ( 555808.2, 4201526.9,       6.3,       6.3,       1.5);         ( 555828.2, 4201526.9,       6.3,       6.3,       1.5);
*** AERMOD - VERSION  19191 ***   *** Single Warehouse Alternative 506 Brookside Dr HRA - Residential Receptors ***       10/13/20
*** AERMET - VERSION  18081 ***   *** North Richmond, CA                                                      ***       13:20:31
                                                                                                                       PAGE 205
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  SigA Data

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                      (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

    ( 555848.2, 4201526.9,       6.4,       6.4,       1.5);         ( 555868.2, 4201526.9,       6.5,       6.5,       1.5);
    ( 555888.2, 4201526.9,       6.6,       6.6,       1.5);         ( 555908.2, 4201526.9,       6.7,       6.7,       1.5);
    ( 555928.2, 4201526.9,       6.8,       6.8,       1.5);         ( 555948.2, 4201526.9,       6.9,       6.9,       1.5);
    ( 555968.2, 4201526.9,       7.0,       7.0,       1.5);         ( 555988.2, 4201526.9,       7.1,       7.1,       1.5);
    ( 556008.2, 4201526.9,       7.2,       7.2,       1.5);         ( 556028.2, 4201526.9,       7.3,       7.3,       1.5);
    ( 556048.2, 4201526.9,       7.4,       7.4,       1.5);         ( 556068.2, 4201526.9,       7.5,       7.5,       1.5);
    ( 555408.2, 4201536.9,       4.6,       4.6,       1.5);         ( 555428.2, 4201536.9,       4.7,       4.7,       1.5);
    ( 555448.2, 4201536.9,       4.7,       4.7,       1.5);         ( 555468.2, 4201536.9,       4.8,       4.8,       1.5);
    ( 555488.2, 4201536.9,       4.8,       4.8,       1.5);         ( 555508.2, 4201536.9,       4.9,       4.9,       1.5);
    ( 555528.2, 4201536.9,       5.0,       5.0,       1.5);         ( 555548.2, 4201536.9,       5.1,       5.1,       1.5);
    ( 555568.2, 4201536.9,       5.2,       5.2,       1.5);         ( 555588.2, 4201536.9,       5.2,       5.2,       1.5);
    ( 555628.2, 4201536.9,       5.4,       5.4,       1.5);         ( 555648.2, 4201536.9,       5.5,       5.5,       1.5);
    ( 555668.2, 4201536.9,       5.6,       5.6,       1.5);         ( 555708.2, 4201536.9,       5.7,       5.7,       1.5);
    ( 555728.2, 4201536.9,       5.8,       5.8,       1.5);         ( 555748.2, 4201536.9,       6.0,       6.0,       1.5);
    ( 555788.2, 4201536.9,       6.2,       6.2,       1.5);         ( 555808.2, 4201536.9,       6.3,       6.3,       1.5);
    ( 555828.2, 4201536.9,       6.4,       6.4,       1.5);         ( 555848.2, 4201536.9,       6.5,       6.5,       1.5);
    ( 555868.2, 4201536.9,       6.5,       6.5,       1.5);         ( 555888.2, 4201536.9,       6.6,       6.6,       1.5);
    ( 555908.2, 4201536.9,       6.7,       6.7,       1.5);         ( 555928.2, 4201536.9,       6.8,       6.8,       1.5);
    ( 555948.2, 4201536.9,       6.9,       6.9,       1.5);         ( 555968.2, 4201536.9,       7.0,       7.0,       1.5);
    ( 555988.2, 4201536.9,       7.1,       7.1,       1.5);         ( 556008.2, 4201536.9,       7.2,       7.2,       1.5);
    ( 556028.2, 4201536.9,       7.3,       7.3,       1.5);         ( 556048.2, 4201536.9,       7.4,       7.4,       1.5);
    ( 556068.2, 4201536.9,       7.5,       7.5,       1.5);         ( 555448.2, 4201546.9,       4.7,       4.7,       1.5);
    ( 555468.2, 4201546.9,       4.8,       4.8,       1.5);         ( 555488.2, 4201546.9,       4.8,       4.8,       1.5);
    ( 555508.2, 4201546.9,       4.9,       4.9,       1.5);         ( 555528.2, 4201546.9,       5.0,       5.0,       1.5);
    ( 555548.2, 4201546.9,       5.1,       5.1,       1.5);         ( 555568.2, 4201546.9,       5.2,       5.2,       1.5);
    ( 555588.2, 4201546.9,       5.3,       5.3,       1.5);         ( 555628.2, 4201546.9,       5.4,       5.4,       1.5);
    ( 555648.2, 4201546.9,       5.5,       5.5,       1.5);         ( 555668.2, 4201546.9,       5.6,       5.6,       1.5);
    ( 555708.2, 4201546.9,       5.7,       5.7,       1.5);         ( 555728.2, 4201546.9,       5.8,       5.8,       1.5);
    ( 555748.2, 4201546.9,       6.0,       6.0,       1.5);         ( 555788.2, 4201546.9,       6.2,       6.2,       1.5);
    ( 555808.2, 4201546.9,       6.4,       6.4,       1.5);         ( 555828.2, 4201546.9,       6.5,       6.5,       1.5);
    ( 555848.2, 4201546.9,       6.5,       6.5,       1.5);         ( 555868.2, 4201546.9,       6.5,       6.5,       1.5);
    ( 555888.2, 4201546.9,       6.6,       6.6,       1.5);         ( 555908.2, 4201546.9,       6.7,       6.7,       1.5);
    ( 555928.2, 4201546.9,       6.8,       6.8,       1.5);         ( 555948.2, 4201546.9,       6.9,       6.9,       1.5);
    ( 555968.2, 4201546.9,       7.0,       7.0,       1.5);         ( 555988.2, 4201546.9,       7.1,       7.1,       1.5);
    ( 556008.2, 4201546.9,       7.2,       7.2,       1.5);         ( 556028.2, 4201546.9,       7.3,       7.3,       1.5);
    ( 556048.2, 4201546.9,       7.4,       7.4,       1.5);         ( 556068.2, 4201546.9,       7.5,       7.5,       1.5);
```

```
    ( 555468.2, 4201556.9,       4.8,       4.8,       1.5);         ( 555488.2, 4201556.9,       4.8,       4.8,       1.5);
    ( 555508.2, 4201556.9,       4.9,       4.9,       1.5);         ( 555528.2, 4201556.9,       5.0,       5.0,       1.5);
    ( 555548.2, 4201556.9,       5.0,       5.0,       1.5);         ( 555568.2, 4201556.9,       5.2,       5.2,       1.5);
    ( 555588.2, 4201556.9,       5.3,       5.3,       1.5);         ( 555628.2, 4201556.9,       5.4,       5.4,       1.5);
    ( 555648.2, 4201556.9,       5.5,       5.5,       1.5);         ( 555668.2, 4201556.9,       5.6,       5.6,       1.5);
    ( 555708.2, 4201556.9,       5.6,       5.6,       1.5);         ( 555728.2, 4201556.9,       5.8,       5.8,       1.5);
    ( 555748.2, 4201556.9,       6.0,       6.0,       1.5);         ( 555788.2, 4201556.9,       6.3,       6.3,       1.5);
    ( 555808.2, 4201556.9,       6.4,       6.4,       1.5);         ( 555828.2, 4201556.9,       6.5,       6.5,       1.5);
    ( 555848.2, 4201556.9,       6.6,       6.6,       1.5);         ( 555868.2, 4201556.9,       6.6,       6.6,       1.5);
*** AERMOD - VERSION  19191 ***   *** Single Warehouse Alternative 506 Brookside Dr HRA - Residential Receptors ***        10/13/20
*** AERMET - VERSION  18081 ***   *** North Richmond, CA                                                          ***       13:20:31
                                                                                                                          PAGE 206
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  SigA Data

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                    (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

    ( 555888.2, 4201556.9,       6.6,       6.6,       1.5);         ( 555908.2, 4201556.9,       6.7,       6.7,       1.5);
    ( 555928.2, 4201556.9,       6.8,       6.8,       1.5);         ( 555948.2, 4201556.9,       6.9,       6.9,       1.5);
    ( 555968.2, 4201556.9,       7.0,       7.0,       1.5);         ( 555988.2, 4201556.9,       7.1,       7.1,       1.5);
    ( 556008.2, 4201556.9,       7.2,       7.2,       1.5);         ( 556028.2, 4201556.9,       7.3,       7.3,       1.5);
    ( 556048.2, 4201556.9,       7.4,       7.4,       1.5);         ( 556068.2, 4201556.9,       7.5,       7.5,       1.5);
    ( 555468.2, 4201566.9,       4.8,       4.8,       1.5);         ( 555488.2, 4201566.9,       4.8,       4.8,       1.5);
    ( 555508.2, 4201566.9,       4.9,       4.9,       1.5);         ( 555528.2, 4201566.9,       5.0,       5.0,       1.5);
    ( 555548.2, 4201566.9,       5.0,       5.0,       1.5);         ( 555568.2, 4201566.9,       5.1,       5.1,       1.5);
    ( 555588.2, 4201566.9,       5.4,       5.4,       1.5);         ( 555628.2, 4201566.9,       5.4,       5.4,       1.5);
    ( 555648.2, 4201566.9,       5.4,       5.4,       1.5);         ( 555668.2, 4201566.9,       5.5,       5.5,       1.5);
    ( 555708.2, 4201566.9,       5.6,       5.6,       1.5);         ( 555728.2, 4201566.9,       5.7,       5.7,       1.5);
    ( 555748.2, 4201566.9,       6.0,       6.0,       1.5);         ( 555788.2, 4201566.9,       6.4,       6.4,       1.5);
    ( 555808.2, 4201566.9,       6.5,       6.5,       1.5);         ( 555828.2, 4201566.9,       6.6,       6.6,       1.5);
    ( 555848.2, 4201566.9,       6.6,       6.6,       1.5);         ( 555868.2, 4201566.9,       6.6,       6.6,       1.5);
    ( 555888.2, 4201566.9,       6.7,       6.7,       1.5);         ( 555908.2, 4201566.9,       6.7,       6.7,       1.5);
    ( 555928.2, 4201566.9,       6.8,       6.8,       1.5);         ( 555948.2, 4201566.9,       6.9,       6.9,       1.5);
    ( 555968.2, 4201566.9,       7.0,       7.0,       1.5);         ( 555988.2, 4201566.9,       7.1,       7.1,       1.5);
    ( 556008.2, 4201566.9,       7.2,       7.2,       1.5);         ( 556028.2, 4201566.9,       7.3,       7.3,       1.5);
    ( 556048.2, 4201566.9,       7.4,       7.4,       1.5);         ( 556068.2, 4201566.9,       7.5,       7.5,       1.5);
    ( 555708.2, 4201576.9,       5.6,       5.6,       1.5);         ( 555728.2, 4201576.9,       5.6,       5.6,       1.5);
    ( 555748.2, 4201576.9,       6.0,       6.0,       1.5);         ( 555788.2, 4201576.9,       6.5,       6.5,       1.5);
    ( 555808.2, 4201576.9,       6.6,       6.6,       1.5);         ( 555828.2, 4201576.9,       6.7,       6.7,       1.5);
    ( 555848.2, 4201576.9,       6.7,       6.7,       1.5);         ( 555868.2, 4201576.9,       6.7,       6.7,       1.5);
    ( 555888.2, 4201576.9,       6.7,       6.7,       1.5);         ( 555908.2, 4201576.9,       6.7,       6.7,       1.5);
    ( 555928.2, 4201576.9,       6.8,       6.8,       1.5);         ( 555948.2, 4201576.9,       6.9,       6.9,       1.5);
    ( 555968.2, 4201576.9,       7.0,       7.0,       1.5);         ( 555988.2, 4201576.9,       7.1,       7.1,       1.5);
    ( 556008.2, 4201576.9,       7.2,       7.2,       1.5);         ( 556028.2, 4201576.9,       7.3,       7.3,       1.5);
    ( 555728.2, 4201586.9,       5.5,       5.5,       1.5);         ( 555748.2, 4201586.9,       5.9,       5.9,       1.5);
    ( 555788.2, 4201586.9,       6.7,       6.7,       1.5);         ( 555808.2, 4201586.9,       6.8,       6.8,       1.5);
    ( 555828.2, 4201586.9,       6.8,       6.8,       1.5);         ( 555848.2, 4201586.9,       6.8,       6.8,       1.5);
    ( 555868.2, 4201586.9,       6.8,       6.8,       1.5);         ( 555888.2, 4201586.9,       6.8,       6.8,       1.5);
    ( 555908.2, 4201586.9,       6.7,       6.7,       1.5);         ( 555928.2, 4201586.9,       6.8,       6.8,       1.5);
    ( 555948.2, 4201586.9,       6.9,       6.9,       1.5);         ( 555968.2, 4201586.9,       6.9,       6.9,       1.5);
```

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

```
    ( 555988.2, 4201586.9,       7.0,       7.0,       1.5);         ( 556008.2, 4201586.9,       7.2,       7.2,       1.5);
    ( 556028.2, 4201586.9,       7.3,       7.3,       1.5);         ( 555748.2, 4201596.9,       5.8,       5.8,       1.5);
    ( 555788.2, 4201596.9,       6.7,       6.7,       1.5);         ( 555808.2, 4201596.9,       6.8,       6.8,       1.5);
    ( 555828.2, 4201596.9,       6.8,       6.8,       1.5);         ( 555848.2, 4201596.9,       6.8,       6.8,       1.5);
    ( 555868.2, 4201596.9,       6.8,       6.8,       1.5);         ( 555888.2, 4201596.9,       6.8,       6.8,       1.5);
    ( 555908.2, 4201596.9,       6.8,       6.8,       1.5);         ( 555928.2, 4201596.9,       6.8,       6.8,       1.5);
    ( 555948.2, 4201596.9,       6.8,       6.8,       1.5);         ( 555968.2, 4201596.9,       6.9,       6.9,       1.5);
    ( 555988.2, 4201596.9,       7.0,       7.0,       1.5);         ( 556008.2, 4201596.9,       7.1,       7.1,       1.5);
    ( 556028.2, 4201596.9,       7.2,       7.2,       1.5);         ( 555888.2, 4201606.9,       6.9,       6.9,       1.5);
    ( 555908.2, 4201606.9,       6.8,       6.8,       1.5);         ( 555928.2, 4201606.9,       6.8,       6.8,       1.5);
    ( 555948.2, 4201606.9,       6.8,       6.8,       1.5);         ( 555968.2, 4201606.9,       6.9,       6.9,       1.5);
    ( 555988.2, 4201606.9,       7.0,       7.0,       1.5);         ( 556008.2, 4201606.9,       7.1,       7.1,       1.5);
*** AERMOD - VERSION  19191 ***   *** Single Warehouse Alternative 506 Brookside Dr HRA - Residential Receptors ***       10/13/20
*** AERMET - VERSION  18081 ***   *** North Richmond, CA                                                      ***       13:20:31
                                                                                                                       PAGE 207
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  SigA Data

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                      (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

    ( 556028.2, 4201606.9,       7.2,       7.2,       1.5);         ( 555928.2, 4201616.9,       6.9,       6.9,       1.5);
    ( 555948.2, 4201616.9,       6.8,       6.8,       1.5);         ( 555968.2, 4201616.9,       6.9,       6.9,       1.5);
    ( 555988.2, 4201616.9,       7.0,       7.0,       1.5);         ( 556008.2, 4201616.9,       7.1,       7.1,       1.5);
    ( 556028.2, 4201616.9,       7.2,       7.2,       1.5);         ( 555948.2, 4201626.9,       6.9,       6.9,       1.5);
    ( 555968.2, 4201626.9,       6.9,       6.9,       1.5);         ( 555988.2, 4201626.9,       7.0,       7.0,       1.5);
    ( 556008.2, 4201626.9,       7.1,       7.1,       1.5);         ( 556028.2, 4201626.9,       7.2,       7.2,       1.5);
    ( 555988.2, 4201636.9,       7.0,       7.0,       1.5);         ( 556008.2, 4201636.9,       7.1,       7.1,       1.5);
    ( 556028.2, 4201636.9,       7.1,       7.1,       1.5);         ( 556008.2, 4201646.9,       7.0,       7.0,       1.5);
    ( 556028.2, 4201646.9,       7.1,       7.1,       1.5);         ( 556028.2, 4201656.9,       7.0,       7.0,       1.5);
```

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54,   3.09,   5.14,   8.23, 10.80,

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: ..\..\CPP011op\Op_School\Op_School.SFC Met Version: 18081
Profile file: ..\..\CPP011op\Op_School\Op_School.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 23230 Upper air station no.: 23230
Name: OAKLAND/WSO_AP Name: OAKLAND/WSO_AP
Year: 2009 Year: 2009

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
13	01	01	1	01	-6.3	0.084	-9.000	-9.000	-999.	58.	8.4	0.17	0.63	1.00	1.70	173.	10.0	279.9	8.8
13	01	01	1	02	-9.2	0.134	-9.000	-9.000	-999.	117.	23.7	0.15	0.63	1.00	2.10	93.	10.0	278.4	8.8
13	01	01	1	03	-6.5	0.086	-9.000	-9.000	-999.	61.	9.0	0.15	0.63	1.00	1.80	63.	10.0	278.4	8.8
13	01	01	1	04	-11.3	0.164	-9.000	-9.000	-999.	160.	35.8	0.19	0.63	1.00	2.20	25.	10.0	278.5	8.8
13	01	01	1	05	-15.9	0.232	-9.000	-9.000	-999.	268.	71.3	0.19	0.63	1.00	2.70	43.	10.0	278.8	8.8
13	01	01	1	06	-25.3	0.368	-9.000	-9.000	-999.	537.	180.2	0.15	0.63	1.00	4.10	72.	10.0	278.9	8.8
13	01	01	1	07	-24.5	0.242	-9.000	-9.000	-999.	296.	52.9	0.15	0.63	1.00	3.10	64.	10.0	278.5	8.8
13	01	01	1	08	-28.7	0.284	-9.000	-9.000	-999.	363.	72.7	0.19	0.63	1.00	3.30	56.	10.0	278.1	8.8
13	01	01	1	09	1.9	0.246	0.106	0.005	23.	293.	-724.2	0.19	0.63	0.38	2.40	49.	10.0	278.5	8.8
13	01	01	1	10	39.2	0.414	0.490	0.007	109.	639.	-164.7	0.19	0.63	0.25	3.90	42.	10.0	279.9	8.8
13	01	01	1	11	68.1	0.405	0.767	0.007	241.	619.	-88.9	0.19	0.63	0.20	3.70	26.	10.0	280.8	8.8
13	01	01	1	12	84.6	0.456	1.112	0.008	592.	738.	-102.1	0.19	0.63	0.19	4.20	26.	10.0	281.6	8.8
13	01	01	1	13	87.7	0.532	1.277	0.007	865.	929.	-156.0	0.19	0.63	0.18	5.00	50.	10.0	282.8	8.8
13	01	01	1	14	77.3	0.596	1.242	0.005	903.	1103.	-249.4	0.19	0.63	0.19	5.70	58.	10.0	283.8	8.8
13	01	01	1	15	53.8	0.729	1.108	0.005	920.	1489.	-653.8	0.15	0.63	0.22	7.50	62.	10.0	284.4	8.8
13	01	01	1	16	19.4	0.459	0.790	0.007	925.	827.	-454.5	0.15	0.63	0.31	4.70	72.	10.0	284.4	8.8
13	01	01	1	17	-32.5	0.383	-9.000	-9.000	-999.	578.	157.6	0.15	0.63	0.54	4.30	78.	10.0	283.9	8.8
13	01	01	1	18	-22.8	0.210	-9.000	-9.000	-999.	256.	36.9	0.15	0.63	1.00	2.90	99.	10.0	282.6	8.8
13	01	01	1	19	-12.8	0.118	-9.000	-9.000	-999.	103.	11.7	0.17	0.63	1.00	2.40	124.	10.0	281.8	8.8
13	01	01	1	20	-1.7	0.043	-9.000	-9.000	-999.	25.	4.2	0.15	0.63	1.00	0.90	336.	10.0	281.1	8.8
13	01	01	1	21	-2.6	0.053	-9.000	-9.000	-999.	29.	5.2	0.15	0.63	1.00	1.10	304.	10.0	281.2	8.8
13	01	01	1	22	-5.5	0.077	-9.000	-9.000	-999.	51.	7.5	0.15	0.63	1.00	1.60	94.	10.0	280.6	8.8
13	01	01	1	23	-3.4	0.061	-9.000	-9.000	-999.	36.	6.1	0.19	0.63	1.00	1.20	19.	10.0	279.0	8.8
13	01	01	1	24	-6.7	0.086	-9.000	-9.000	-999.	60.	8.6	0.19	0.63	1.00	1.70	30.	10.0	278.2	8.8

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
13	01	01	01	8.8	0	-999.	-99.00	280.0	999.0	-99.00	-99.00
13	01	01	01	10.0	1	173.	1.70	-999.0	25.2	-99.00	0.68

F indicates top of profile (=1) or below (=0)

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKRTE ***
INCLUDING SOURCE(S): L0000620 , L0000621 , L0000622 , L0000623 , L0000624 ,
L0000625 , L0000626 , L0000627 , L0000628 , L0000629 , L0000630 , L0000631 , L0000632 ,
L0000633 , L0000634 , L0000635 , L0000636 , L0000637 , L0000638 , L0000639 , L0000640 ,
L0000641 , L0000642 , L0000643 , L0000644 , L0000645 , L0000646 , L0000647 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
555388.22	4201476.94	2.36916	555408.22	4201476.94	2.43028
555428.22	4201476.94	2.48706	555448.22	4201476.94	2.53822
555468.22	4201476.94	2.58323	555488.22	4201476.94	2.62122
555508.22	4201476.94	2.65193	555528.22	4201476.94	2.67494
555548.22	4201476.94	2.69037	555568.22	4201476.94	2.69861
555588.22	4201476.94	2.69994	555628.22	4201476.94	2.68359
555648.22	4201476.94	2.66682	555668.22	4201476.94	2.64488
555708.22	4201476.94	2.58668	555728.22	4201476.94	2.55134
555748.22	4201476.94	2.51218	555788.22	4201476.94	2.42387
555808.22	4201476.94	2.37603	555828.22	4201476.94	2.32620
555848.22	4201476.94	2.27478	555868.22	4201476.94	2.22256
555888.22	4201476.94	2.16985	555908.22	4201476.94	2.11703
555928.22	4201476.94	2.06440	555948.22	4201476.94	2.01220
555968.22	4201476.94	1.96063	555988.22	4201476.94	1.90967
556008.22	4201476.94	1.85970	556028.22	4201476.94	1.81070
556048.22	4201476.94	1.76269	556068.22	4201476.94	1.71563
555388.22	4201486.94	2.43015	555408.22	4201486.94	2.49461
555428.22	4201486.94	2.55447	555448.22	4201486.94	2.60865
555468.22	4201486.94	2.65623	555488.22	4201486.94	2.69646
555508.22	4201486.94	2.72874	555528.22	4201486.94	2.75286
555548.22	4201486.94	2.76890	555568.22	4201486.94	2.77719
555588.22	4201486.94	2.77812	555628.22	4201486.94	2.75978
555648.22	4201486.94	2.74151	555668.22	4201486.94	2.71783
555708.22	4201486.94	2.65561	555728.22	4201486.94	2.61787
555748.22	4201486.94	2.57620	555788.22	4201486.94	2.48307
555808.22	4201486.94	2.43273	555828.22	4201486.94	2.38041
555848.22	4201486.94	2.32671	555868.22	4201486.94	2.27223
555888.22	4201486.94	2.21738	555908.22	4201486.94	2.16251
555928.22	4201486.94	2.10793	555948.22	4201486.94	2.05388
555968.22	4201486.94	2.00054	555988.22	4201486.94	1.94789
556008.22	4201486.94	1.89634	556028.22	4201486.94	1.84570
556048.22	4201486.94	1.79626	556068.22	4201486.94	1.74776
555388.22	4201496.94	2.49384	555408.22	4201496.94	2.56188
555428.22	4201496.94	2.62515	555448.22	4201496.94	2.68246

555468.22	4201496.94	2.73281	555488.22	4201496.94	2.77536
555508.22	4201496.94	2.80939	555528.22	4201496.94	2.83470
555548.22	4201496.94	2.85146	555568.22	4201496.94	2.85968
555588.22	4201496.94	2.86015	555628.22	4201496.94	2.83958
555648.22	4201496.94	2.81968	555668.22	4201496.94	2.79409
555708.22	4201496.94	2.72746	555728.22	4201496.94	2.68717

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKRTE ***
INCLUDING SOURCE(S): L0000620 , L0000621 , L0000622 , L0000623 , L0000624 ,
L0000625 , L0000626 , L0000627 , L0000628 , L0000629 , L0000630 , L0000631 , L0000632 ,
L0000633 , L0000634 , L0000635 , L0000636 , L0000637 , L0000638 , L0000639 , L0000640 ,
L0000641 , L0000642 , L0000643 , L0000644 , L0000645 , L0000646 , L0000647 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
555748.22	4201496.94	2.64288	555788.22	4201496.94	2.54450
555808.22	4201496.94	2.49155	555828.22	4201496.94	2.43660
555848.22	4201496.94	2.38051	555868.22	4201496.94	2.32367
555888.22	4201496.94	2.26657	555908.22	4201496.94	2.20957
555928.22	4201496.94	2.15297	555948.22	4201496.94	2.09699
555968.22	4201496.94	2.04182	555988.22	4201496.94	1.98741
556008.22	4201496.94	1.93418	556028.22	4201496.94	1.88198
556048.22	4201496.94	1.83094	556068.22	4201496.94	1.78084
555388.22	4201506.94	2.56043	555408.22	4201506.94	2.63230
555428.22	4201506.94	2.69921	555448.22	4201506.94	2.75988
555468.22	4201506.94	2.81320	555488.22	4201506.94	2.85821
555508.22	4201506.94	2.89415	555528.22	4201506.94	2.92077
555548.22	4201506.94	2.93813	555568.22	4201506.94	2.94637
555588.22	4201506.94	2.94630	555628.22	4201506.94	2.92326
555648.22	4201506.94	2.90157	555668.22	4201506.94	2.87388
555708.22	4201506.94	2.80251	555728.22	4201506.94	2.75942
555748.22	4201506.94	2.71235	555788.22	4201506.94	2.60831
555808.22	4201506.94	2.55255	555828.22	4201506.94	2.49479
555848.22	4201506.94	2.43622	555868.22	4201506.94	2.37696
555888.22	4201506.94	2.31751	555908.22	4201506.94	2.25829
555928.22	4201506.94	2.19959	555948.22	4201506.94	2.14161
555968.22	4201506.94	2.08453	555988.22	4201506.94	2.02829
556008.22	4201506.94	1.97331	556028.22	4201506.94	1.91946
556048.22	4201506.94	1.86677	556068.22	4201506.94	1.81510
555388.22	4201516.94	2.63001	555408.22	4201516.94	2.70608
555428.22	4201516.94	2.77690	555448.22	4201516.94	2.84119
555468.22	4201516.94	2.89770	555488.22	4201516.94	2.94526
555508.22	4201516.94	2.98335	555528.22	4201516.94	3.01143

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

555548.22	4201516.94	3.02934	555568.22	4201516.94	3.03756
555588.22	4201516.94	3.03687	555628.22	4201516.94	3.01109
555648.22	4201516.94	2.98741	555668.22	4201516.94	2.95744
555708.22	4201516.94	2.88083	555728.22	4201516.94	2.83483
555748.22	4201516.94	2.78468	555788.22	4201516.94	2.67465
555808.22	4201516.94	2.61578	555828.22	4201516.94	2.55532
555848.22	4201516.94	2.49392	555868.22	4201516.94	2.43215
555888.22	4201516.94	2.37030	555908.22	4201516.94	2.30877
555928.22	4201516.94	2.24787	555948.22	4201516.94	2.18773
555968.22	4201516.94	2.12874	555988.22	4201516.94	2.07060
556008.22	4201516.94	2.01380	556028.22	4201516.94	1.95819
556048.22	4201516.94	1.90380	556068.22	4201516.94	1.85058

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKRTE ***
INCLUDING SOURCE(S): L0000620 , L0000621 , L0000622 , L0000623 , L0000624 ,
L0000625 , L0000626 , L0000627 , L0000628 , L0000629 , L0000630 , L0000631 , L0000632 ,
L0000633 , L0000634 , L0000635 , L0000636 , L0000637 , L0000638 , L0000639 , L0000640 ,
L0000641 , L0000642 , L0000643 , L0000644 , L0000645 , L0000646 , L0000647 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
555388.22	4201526.94	2.70297	555408.22	4201526.94	2.78346
555428.22	4201526.94	2.85849	555448.22	4201526.94	2.92666
555468.22	4201526.94	2.98661	555488.22	4201526.94	3.03706
555508.22	4201526.94	3.07731	555528.22	4201526.94	3.10687
555548.22	4201526.94	3.12543	555568.22	4201526.94	3.13360
555588.22	4201526.94	3.13220	555628.22	4201526.94	3.10336
555648.22	4201526.94	3.07751	555668.22	4201526.94	3.04502
555708.22	4201526.94	2.96266	555728.22	4201526.94	2.91364
555748.22	4201526.94	2.85995	555788.22	4201526.94	2.74359
555808.22	4201526.94	2.68146	555828.22	4201526.94	2.61812
555848.22	4201526.94	2.55387	555868.22	4201526.94	2.48931
555888.22	4201526.94	2.42503	555908.22	4201526.94	2.36109
555928.22	4201526.94	2.29782	555948.22	4201526.94	2.23552
555968.22	4201526.94	2.17450	555988.22	4201526.94	2.11441
556008.22	4201526.94	2.05570	556028.22	4201526.94	1.99826
556048.22	4201526.94	1.94209	556068.22	4201526.94	1.88725
555408.22	4201536.94	2.86471	555428.22	4201536.94	2.94427
555448.22	4201536.94	3.01662	555468.22	4201536.94	3.08028
555488.22	4201536.94	3.13390	555508.22	4201536.94	3.17641
555528.22	4201536.94	3.20749	555548.22	4201536.94	3.22679
555568.22	4201536.94	3.23486	555588.22	4201536.94	3.23262
555628.22	4201536.94	3.20036	555648.22	4201536.94	3.17211

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

555668.22	4201536.94	3.13687	555708.22	4201536.94	3.04832
555728.22	4201536.94	2.99599	555748.22	4201536.94	2.93861
555788.22	4201536.94	2.81520	555808.22	4201536.94	2.74974
555828.22	4201536.94	2.68318	555848.22	4201536.94	2.61601
555868.22	4201536.94	2.54867	555888.22	4201536.94	2.48182
555908.22	4201536.94	2.41531	555928.22	4201536.94	2.34966
555948.22	4201536.94	2.28510	555968.22	4201536.94	2.22185
555988.22	4201536.94	2.15979	556008.22	4201536.94	2.09906
556028.22	4201536.94	2.03973	556048.22	4201536.94	1.98170
556068.22	4201536.94	1.92508	555448.22	4201546.94	3.11142
555468.22	4201546.94	3.17907	555488.22	4201546.94	3.23605
555508.22	4201546.94	3.28106	555528.22	4201546.94	3.31380
555548.22	4201546.94	3.33386	555568.22	4201546.94	3.34176
555588.22	4201546.94	3.33843	555628.22	4201546.94	3.30241
555648.22	4201546.94	3.27154	555668.22	4201546.94	3.23318
555708.22	4201546.94	3.13816	555728.22	4201546.94	3.08209
555748.22	4201546.94	3.02072	555788.22	4201546.94	2.88971
555808.22	4201546.94	2.82065	555828.22	4201546.94	2.75065

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKRTE ***
INCLUDING SOURCE(S): L0000620 , L0000621 , L0000622 , L0000623 , L0000624 ,
L0000625 , L0000626 , L0000627 , L0000628 , L0000629 , L0000630 , L0000631 , L0000632 ,
L0000633 , L0000634 , L0000635 , L0000636 , L0000637 , L0000638 , L0000639 , L0000640 ,
L0000641 , L0000642 , L0000643 , L0000644 , L0000645 , L0000646 , L0000647 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
555848.22	4201546.94	2.68047	555868.22	4201546.94	2.61040
555888.22	4201546.94	2.54072	555908.22	4201546.94	2.47145
555928.22	4201546.94	2.40358	555948.22	4201546.94	2.33656
555968.22	4201546.94	2.27098	555988.22	4201546.94	2.20684
556008.22	4201546.94	2.14409	556028.22	4201546.94	2.08271
556048.22	4201546.94	2.02264	556068.22	4201546.94	1.96410
555468.22	4201556.94	3.28341	555488.22	4201556.94	3.34399
555508.22	4201556.94	3.39172	555528.22	4201556.94	3.42622
555548.22	4201556.94	3.44717	555568.22	4201556.94	3.45476
555588.22	4201556.94	3.45009	555628.22	4201556.94	3.41007
555648.22	4201556.94	3.37652	555668.22	4201556.94	3.33472
555708.22	4201556.94	3.23233	555728.22	4201556.94	3.17215
555748.22	4201556.94	3.10661	555788.22	4201556.94	2.96727
555808.22	4201556.94	2.89439	555828.22	4201556.94	2.82079
555848.22	4201556.94	2.74746	555868.22	4201556.94	2.67434
555888.22	4201556.94	2.60180	555908.22	4201556.94	2.52988

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

555928.22	4201556.94	2.45951	555948.22	4201556.94	2.39002
555968.22	4201556.94	2.32211	555988.22	4201556.94	2.25566
556008.22	4201556.94	2.19080	556028.22	4201556.94	2.12729
556048.22	4201556.94	2.06513	556068.22	4201556.94	2.00447
555468.22	4201566.94	3.39375	555488.22	4201566.94	3.45822
555508.22	4201566.94	3.50885	555528.22	4201566.94	3.54533
555548.22	4201566.94	3.56708	555568.22	4201566.94	3.57449
555588.22	4201566.94	3.56832	555628.22	4201566.94	3.52369
555648.22	4201566.94	3.48712	555668.22	4201566.94	3.44192
555708.22	4201566.94	3.33102	555728.22	4201566.94	3.26662
555748.22	4201566.94	3.19642	555788.22	4201566.94	3.04800
555808.22	4201566.94	2.97106	555828.22	4201566.94	2.89371
555848.22	4201566.94	2.81702	555868.22	4201566.94	2.74067
555888.22	4201566.94	2.66525	555908.22	4201566.94	2.59065
555928.22	4201566.94	2.51757	555948.22	4201566.94	2.44562
555968.22	4201566.94	2.37524	555988.22	4201566.94	2.30640
556008.22	4201566.94	2.23915	556028.22	4201566.94	2.17341
556048.22	4201566.94	2.10914	556068.22	4201566.94	2.04644
555708.22	4201576.94	3.43483	555728.22	4201576.94	3.36582
555748.22	4201576.94	3.29051	555788.22	4201576.94	3.13183
555808.22	4201576.94	3.05074	555828.22	4201576.94	2.96955
555848.22	4201576.94	2.88917	555868.22	4201576.94	2.80971
555888.22	4201576.94	2.73117	555908.22	4201576.94	2.65387
555928.22	4201576.94	2.57792	555948.22	4201576.94	2.50331

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKRTE ***
INCLUDING SOURCE(S): L0000620 , L0000621 , L0000622 , L0000623 , L0000624 ,
L0000625 , L0000626 , L0000627 , L0000628 , L0000629 , L0000630 , L0000631 , L0000632 ,
L0000633 , L0000634 , L0000635 , L0000636 , L0000637 , L0000638 , L0000639 , L0000640 ,
L0000641 , L0000642 , L0000643 , L0000644 , L0000645 , L0000646 , L0000647 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
555968.22	4201576.94	2.43037	555988.22	4201576.94	2.35902
556008.22	4201576.94	2.28926	556028.22	4201576.94	2.22115
555728.22	4201586.94	3.46991	555748.22	4201586.94	3.38954
555788.22	4201586.94	3.21920	555808.22	4201586.94	3.13385
555828.22	4201586.94	3.04868	555848.22	4201586.94	2.96446
555868.22	4201586.94	2.88168	555888.22	4201586.94	2.79983
555908.22	4201586.94	2.71956	555928.22	4201586.94	2.64073
555948.22	4201586.94	2.56328	555968.22	4201586.94	2.48769
555988.22	4201586.94	2.41370	556008.22	4201586.94	2.34128
556028.22	4201586.94	2.27068	**555748.22**	**4201596.94**	**3.49354** **MER LOCATION**

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

555788.22	4201596.94	3.31120	555808.22	4201596.94	3.22124
555828.22	4201596.94	3.13170	555848.22	4201596.94	3.04335
555868.22	4201596.94	2.95647	555888.22	4201596.94	2.87109
555908.22	4201596.94	2.78773	555928.22	4201596.94	2.70615
555948.22	4201596.94	2.62574	555968.22	4201596.94	2.54718
555988.22	4201596.94	2.47044	556008.22	4201596.94	2.39535
556028.22	4201596.94	2.32211	555888.22	4201606.94	2.94562
555908.22	4201606.94	2.85878	555928.22	4201606.94	2.77368
555948.22	4201606.94	2.69069	555968.22	4201606.94	2.60898
555988.22	4201606.94	2.52948	556008.22	4201606.94	2.45132
556028.22	4201606.94	2.37532	555928.22	4201616.94	2.84415
555948.22	4201616.94	2.75809	555968.22	4201616.94	2.67325
555988.22	4201616.94	2.59067	556008.22	4201616.94	2.50945
556028.22	4201616.94	2.43044	555948.22	4201626.94	2.82796
555968.22	4201626.94	2.74009	555988.22	4201626.94	2.65414
556008.22	4201626.94	2.56997	556028.22	4201626.94	2.48780
555988.22	4201636.94	2.72009	556008.22	4201636.94	2.63252
556028.22	4201636.94	2.54724	556008.22	4201646.94	2.69768
556028.22	4201646.94	2.60882	556028.22	4201656.94	2.67259

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VANRTE ***
INCLUDING SOURCE(S): L0000445 , L0000446 , L0000447 , L0000448 , L0000449 ,
L0000450 , L0000451 , L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 ,
L0000458 , L0000459 , L0000460 , L0000461 , L0000462 , L0000463 , L0000464 , L0000465 ,
L0000466 , L0000467 , L0000468 , L0000469 , L0000470 , L0000471 , L0000472 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
555388.22	4201476.94	0.32023	555408.22	4201476.94	0.33172
555428.22	4201476.94	0.34256	555448.22	4201476.94	0.35226
555468.22	4201476.94	0.36037	555488.22	4201476.94	0.36645
555508.22	4201476.94	0.37030	555528.22	4201476.94	0.37198
555548.22	4201476.94	0.37186	555568.22	4201476.94	0.37056
555588.22	4201476.94	0.36863	555628.22	4201476.94	0.36427
555648.22	4201476.94	0.36192	555668.22	4201476.94	0.35927
555708.22	4201476.94	0.35220	555728.22	4201476.94	0.34751
555748.22	4201476.94	0.34197	555788.22	4201476.94	0.32859
555808.22	4201476.94	0.32109	555828.22	4201476.94	0.31323
555848.22	4201476.94	0.30515	555868.22	4201476.94	0.29700
555888.22	4201476.94	0.28887	555908.22	4201476.94	0.28083
555928.22	4201476.94	0.27295	555948.22	4201476.94	0.26529
555968.22	4201476.94	0.25789	555988.22	4201476.94	0.25076
556008.22	4201476.94	0.24394	556028.22	4201476.94	0.23740

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

556048.22	4201476.94	0.23111	556068.22	4201476.94	0.22503
555388.22	4201486.94	0.32798	555408.22	4201486.94	0.34006
555428.22	4201486.94	0.35150	555448.22	4201486.94	0.36183
555468.22	4201486.94	0.37051	555488.22	4201486.94	0.37708
555508.22	4201486.94	0.38127	555528.22	4201486.94	0.38312
555548.22	4201486.94	0.38302	555568.22	4201486.94	0.38160
555588.22	4201486.94	0.37949	555628.22	4201486.94	0.37470
555648.22	4201486.94	0.37214	555668.22	4201486.94	0.36926
555708.22	4201486.94	0.36164	555728.22	4201486.94	0.35659
555748.22	4201486.94	0.35066	555788.22	4201486.94	0.33652
555808.22	4201486.94	0.32865	555828.22	4201486.94	0.32044
555848.22	4201486.94	0.31205	555868.22	4201486.94	0.30360
555888.22	4201486.94	0.29519	555908.22	4201486.94	0.28689
555928.22	4201486.94	0.27876	555948.22	4201486.94	0.27086
555968.22	4201486.94	0.26324	555988.22	4201486.94	0.25590
556008.22	4201486.94	0.24889	556028.22	4201486.94	0.24215
556048.22	4201486.94	0.23570	556068.22	4201486.94	0.22946
555388.22	4201496.94	0.33608	555408.22	4201496.94	0.34876
555428.22	4201496.94	0.36086	555448.22	4201496.94	0.37184
555468.22	4201496.94	0.38113	555488.22	4201496.94	0.38822
555508.22	4201496.94	0.39278	555528.22	4201496.94	0.39481
555548.22	4201496.94	0.39475	555568.22	4201496.94	0.39319
555588.22	4201496.94	0.39089	555628.22	4201496.94	0.38565
555648.22	4201496.94	0.38286	555668.22	4201496.94	0.37972
555708.22	4201496.94	0.37148	555728.22	4201496.94	0.36605

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VANRTE ***
INCLUDING SOURCE(S): L0000445 , L0000446 , L0000447 , L0000448 , L0000449 ,
L0000450 , L0000451 , L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 ,
L0000458 , L0000459 , L0000460 , L0000461 , L0000462 , L0000463 , L0000464 , L0000465 ,
L0000466 , L0000467 , L0000468 , L0000469 , L0000470 , L0000471 , L0000472 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
555748.22	4201496.94	0.35970	555788.22	4201496.94	0.34474
555808.22	4201496.94	0.33648	555828.22	4201496.94	0.32790
555848.22	4201496.94	0.31919	555868.22	4201496.94	0.31044
555888.22	4201496.94	0.30174	555908.22	4201496.94	0.29317
555928.22	4201496.94	0.28479	555948.22	4201496.94	0.27665
555968.22	4201496.94	0.26880	555988.22	4201496.94	0.26124
556008.22	4201496.94	0.25402	556028.22	4201496.94	0.24710
556048.22	4201496.94	0.24046	556068.22	4201496.94	0.23404
555388.22	4201506.94	0.34453	555408.22	4201506.94	0.35786

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

555428.22	4201506.94	0.37063	555448.22	4201506.94	0.38230
555468.22	4201506.94	0.39225	555488.22	4201506.94	0.39990
555508.22	4201506.94	0.40486	555528.22	4201506.94	0.40712
555548.22	4201506.94	0.40707	555568.22	4201506.94	0.40540
555588.22	4201506.94	0.40288	555628.22	4201506.94	0.39714
555648.22	4201506.94	0.39409	555668.22	4201506.94	0.39067
555708.22	4201506.94	0.38176	555728.22	4201506.94	0.37590
555748.22	4201506.94	0.36911	555788.22	4201506.94	0.35327
555808.22	4201506.94	0.34460	555828.22	4201506.94	0.33563
555848.22	4201506.94	0.32659	555868.22	4201506.94	0.31753
555888.22	4201506.94	0.30854	555908.22	4201506.94	0.29969
555928.22	4201506.94	0.29104	555948.22	4201506.94	0.28265
555968.22	4201506.94	0.27456	555988.22	4201506.94	0.26678
556008.22	4201506.94	0.25935	556028.22	4201506.94	0.25224
556048.22	4201506.94	0.24542	556068.22	4201506.94	0.23881
555388.22	4201516.94	0.35338	555408.22	4201516.94	0.36738
555428.22	4201516.94	0.38087	555448.22	4201516.94	0.39327
555468.22	4201516.94	0.40392	555488.22	4201516.94	0.41215
555508.22	4201516.94	0.41756	555528.22	4201516.94	0.42007
555548.22	4201516.94	0.42005	555568.22	4201516.94	0.41825
555588.22	4201516.94	0.41550	555628.22	4201516.94	0.40922
555648.22	4201516.94	0.40589	555668.22	4201516.94	0.40216
555708.22	4201516.94	0.39249	555728.22	4201516.94	0.38618
555748.22	4201516.94	0.37890	555788.22	4201516.94	0.36212
555808.22	4201516.94	0.35300	555828.22	4201516.94	0.34367
555848.22	4201516.94	0.33426	555868.22	4201516.94	0.32489
555888.22	4201516.94	0.31560	555908.22	4201516.94	0.30646
555928.22	4201516.94	0.29754	555948.22	4201516.94	0.28888
555968.22	4201516.94	0.28056	555988.22	4201516.94	0.27254
556008.22	4201516.94	0.26490	556028.22	4201516.94	0.25759
556048.22	4201516.94	0.25057	556068.22	4201516.94	0.24380

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VANRTE ***
INCLUDING SOURCE(S): L0000445 , L0000446 , L0000447 , L0000448 , L0000449 ,
L0000450 , L0000451 , L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 ,
L0000458 , L0000459 , L0000460 , L0000461 , L0000462 , L0000463 , L0000464 , L0000465 ,
L0000466 , L0000467 , L0000468 , L0000469 , L0000470 , L0000471 , L0000472 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
555388.22	4201526.94	0.36265	555408.22	4201526.94	0.37737
555428.22	4201526.94	0.39160	555448.22	4201526.94	0.40477
555468.22	4201526.94	0.41616	555488.22	4201526.94	0.42503

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

555508.22	4201526.94	0.43092	555528.22	4201526.94	0.43371
555548.22	4201526.94	0.43373	555568.22	4201526.94	0.43180
555588.22	4201526.94	0.42881	555628.22	4201526.94	0.42193
555648.22	4201526.94	0.41828	555668.22	4201526.94	0.41421
555708.22	4201526.94	0.40371	555728.22	4201526.94	0.39691
555748.22	4201526.94	0.38907	555788.22	4201526.94	0.37131
555808.22	4201526.94	0.36173	555828.22	4201526.94	0.35201
555848.22	4201526.94	0.34224	555868.22	4201526.94	0.33252
555888.22	4201526.94	0.32293	555908.22	4201526.94	0.31350
555928.22	4201526.94	0.30428	555948.22	4201526.94	0.29536
555968.22	4201526.94	0.28679	555988.22	4201526.94	0.27854
556008.22	4201526.94	0.27068	556028.22	4201526.94	0.26316
556048.22	4201526.94	0.25594	556068.22	4201526.94	0.24899
555408.22	4201536.94	0.38785	555428.22	4201536.94	0.40287
555448.22	4201536.94	0.41685	555468.22	4201536.94	0.42902
555488.22	4201536.94	0.43859	555508.22	4201536.94	0.44500
555528.22	4201536.94	0.44808	555548.22	4201536.94	0.44817
555568.22	4201536.94	0.44610	555588.22	4201536.94	0.44285
555628.22	4201536.94	0.43531	555648.22	4201536.94	0.43131
555668.22	4201536.94	0.42686	555708.22	4201536.94	0.41544
555728.22	4201536.94	0.40812	555748.22	4201536.94	0.39969
555788.22	4201536.94	0.38085	555808.22	4201536.94	0.37080
555828.22	4201536.94	0.36065	555848.22	4201536.94	0.35052
555868.22	4201536.94	0.34045	555888.22	4201536.94	0.33056
555908.22	4201536.94	0.32081	555928.22	4201536.94	0.31131
555948.22	4201536.94	0.30211	555968.22	4201536.94	0.29327
555988.22	4201536.94	0.28480	556008.22	4201536.94	0.27670
556028.22	4201536.94	0.26897	556048.22	4201536.94	0.26154
556068.22	4201536.94	0.25440	555448.22	4201546.94	0.42955
555468.22	4201546.94	0.44255	555488.22	4201546.94	0.45287
555508.22	4201546.94	0.45984	555528.22	4201546.94	0.46326
555548.22	4201546.94	0.46344	555568.22	4201546.94	0.46122
555588.22	4201546.94	0.45766	555628.22	4201546.94	0.44941
555648.22	4201546.94	0.44503	555668.22	4201546.94	0.44014
555708.22	4201546.94	0.42775	555728.22	4201546.94	0.41983
555748.22	4201546.94	0.41076	555788.22	4201546.94	0.39076
555808.22	4201546.94	0.38021	555828.22	4201546.94	0.36962

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VANRTE ***
INCLUDING SOURCE(S): L0000445 , L0000446 , L0000447 , L0000448 , L0000449 ,
L0000450 , L0000451 , L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 ,
L0000458 , L0000459 , L0000460 , L0000461 , L0000462 , L0000463 , L0000464 , L0000465 ,
L0000466 , L0000467 , L0000468 , L0000469 , L0000470 , L0000471 , L0000472 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
555848.22	4201546.94	0.35911	555868.22	4201546.94	0.34873
555888.22	4201546.94	0.33849	555908.22	4201546.94	0.32841
555928.22	4201546.94	0.31865	555948.22	4201546.94	0.30916
555968.22	4201546.94	0.30004	555988.22	4201546.94	0.29133
556008.22	4201546.94	0.28300	556028.22	4201546.94	0.27504
556048.22	4201546.94	0.26738	556068.22	4201546.94	0.26002
555468.22	4201556.94	0.45680	555488.22	4201556.94	0.46791
555508.22	4201556.94	0.47550	555528.22	4201556.94	0.47930
555548.22	4201556.94	0.47960	555568.22	4201556.94	0.47723
555588.22	4201556.94	0.47332	555628.22	4201556.94	0.46431
555648.22	4201556.94	0.45953	555668.22	4201556.94	0.45416
555708.22	4201556.94	0.44065	555728.22	4201556.94	0.43207
555748.22	4201556.94	0.42232	555788.22	4201556.94	0.40107
555808.22	4201556.94	0.39000	555828.22	4201556.94	0.37895
555848.22	4201556.94	0.36807	555868.22	4201556.94	0.35732
555888.22	4201556.94	0.34675	555908.22	4201556.94	0.33636
555928.22	4201556.94	0.32630	555948.22	4201556.94	0.31652
555968.22	4201556.94	0.30714	555988.22	4201556.94	0.29816
556008.22	4201556.94	0.28959	556028.22	4201556.94	0.28139
556048.22	4201556.94	0.27350	556068.22	4201556.94	0.26591
555468.22	4201566.94	0.47183	555488.22	4201566.94	0.48379
555508.22	4201566.94	0.49205	555528.22	4201566.94	0.49629
555548.22	4201566.94	0.49671	555568.22	4201566.94	0.49420
555588.22	4201566.94	0.48993	555628.22	4201566.94	0.48005
555648.22	4201566.94	0.47482	555668.22	4201566.94	0.46897
555708.22	4201566.94	0.45417	555728.22	4201566.94	0.44489
555748.22	4201566.94	0.43440	555788.22	4201566.94	0.41180
555808.22	4201566.94	0.40019	555828.22	4201566.94	0.38867
555848.22	4201566.94	0.37738	555868.22	4201566.94	0.36626
555888.22	4201566.94	0.35536	555908.22	4201566.94	0.34466
555928.22	4201566.94	0.33430	555948.22	4201566.94	0.32423
555968.22	4201566.94	0.31456	555988.22	4201566.94	0.30531
556008.22	4201566.94	0.29648	556028.22	4201566.94	0.28803
556048.22	4201566.94	0.27991	556068.22	4201566.94	0.27209

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

555708.22	4201576.94	0.46838	555728.22	4201576.94	0.45835
555748.22	4201576.94	0.44704	555788.22	4201576.94	0.42294
555808.22	4201576.94	0.41078	555828.22	4201576.94	0.39879
555848.22	4201576.94	0.38707	555868.22	4201576.94	0.37560
555888.22	4201576.94	0.36434	555908.22	4201576.94	0.35335
555928.22	4201576.94	0.34266	555948.22	4201576.94	0.33229

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VANRTE ***
INCLUDING SOURCE(S): L0000445 , L0000446 , L0000447 , L0000448 , L0000449 ,
L0000450 , L0000451 , L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 ,
L0000458 , L0000459 , L0000460 , L0000461 , L0000462 , L0000463 , L0000464 , L0000465 ,
L0000466 , L0000467 , L0000468 , L0000469 , L0000470 , L0000471 , L0000472 , . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
555968.22	4201576.94	0.32233	555988.22	4201576.94	0.31280
556008.22	4201576.94	0.30368	556028.22	4201576.94	0.29497
555728.22	4201586.94	0.47246	555748.22	4201586.94	0.46034
555788.22	4201586.94	0.43455	555808.22	4201586.94	0.42185
555828.22	4201586.94	0.40938	555848.22	4201586.94	0.39722
555868.22	4201586.94	0.38537	555888.22	4201586.94	0.37375
555908.22	4201586.94	0.36244	555928.22	4201586.94	0.35142
555948.22	4201586.94	0.34074	555968.22	4201586.94	0.33049
555988.22	4201586.94	0.32066	556008.22	4201586.94	0.31124
556028.22	4201586.94	0.30225	**555748.22**	**4201596.94**	**0.47431 MER LOCATION**
555788.22	4201596.94	0.44680	555808.22	4201596.94	0.43352
555828.22	4201596.94	0.42053	555848.22	4201596.94	0.40789
555868.22	4201596.94	0.39558	555888.22	4201596.94	0.38357
555908.22	4201596.94	0.37193	555928.22	4201596.94	0.36063
555948.22	4201596.94	0.34962	555968.22	4201596.94	0.33903
555988.22	4201596.94	0.32890	556008.22	4201596.94	0.31918
556028.22	4201596.94	0.30989	555888.22	4201606.94	0.39392
555908.22	4201606.94	0.38190	555928.22	4201606.94	0.37021
555948.22	4201606.94	0.35894	555968.22	4201606.94	0.34801
555988.22	4201606.94	0.33757	556008.22	4201606.94	0.32750
556028.22	4201606.94	0.31790	555928.22	4201616.94	0.38032
555948.22	4201616.94	0.36873	555968.22	4201616.94	0.35745
555988.22	4201616.94	0.34666	556008.22	4201616.94	0.33625
556028.22	4201616.94	0.32629	555948.22	4201626.94	0.37899
555968.22	4201626.94	0.36739	555988.22	4201626.94	0.35622
556008.22	4201626.94	0.34546	556028.22	4201626.94	0.33512
555988.22	4201636.94	0.36626	556008.22	4201636.94	0.35510
556028.22	4201636.94	0.34438	556008.22	4201646.94	0.36526
556028.22	4201646.94	0.35409	556028.22	4201656.94	0.36426

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKRUN ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
555388.22	4201476.94	2.08606	555408.22	4201476.94	2.14795
555428.22	4201476.94	2.21393	555448.22	4201476.94	2.28461
555468.22	4201476.94	2.36042	555488.22	4201476.94	2.44183
555508.22	4201476.94	2.52934	555528.22	4201476.94	2.62342
555548.22	4201476.94	2.72429	555568.22	4201476.94	2.83233
555588.22	4201476.94	2.94769	555628.22	4201476.94	3.19936
555648.22	4201476.94	3.33442	555668.22	4201476.94	3.47407
555708.22	4201476.94	3.75858	555728.22	4201476.94	3.89800
555748.22	4201476.94	4.03066	555788.22	4201476.94	4.25906
555808.22	4201476.94	4.34710	555828.22	4201476.94	4.41282
555848.22	4201476.94	4.45382	555868.22	4201476.94	4.46944
555888.22	4201476.94	4.45981	555908.22	4201476.94	4.42584
555928.22	4201476.94	4.36989	555948.22	4201476.94	4.29388
555968.22	4201476.94	4.20008	555988.22	4201476.94	4.09034
556008.22	4201476.94	3.96639	556028.22	4201476.94	3.82938
556048.22	4201476.94	3.68038	556068.22	4201476.94	3.52019
555388.22	4201486.94	2.12102	555408.22	4201486.94	2.18401
555428.22	4201486.94	2.25113	555448.22	4201486.94	2.32304
555468.22	4201486.94	2.40024	555488.22	4201486.94	2.48318
555508.22	4201486.94	2.57239	555528.22	4201486.94	2.66840
555548.22	4201486.94	2.77159	555568.22	4201486.94	2.88229
555588.22	4201486.94	3.00068	555628.22	4201486.94	3.26022
555648.22	4201486.94	3.40021	555668.22	4201486.94	3.54547
555708.22	4201486.94	3.84357	555728.22	4201486.94	3.99057
555748.22	4201486.94	4.13129	555788.22	4201486.94	4.37625
555808.22	4201486.94	4.47184	555828.22	4201486.94	4.54407
555848.22	4201486.94	4.59045	555868.22	4201486.94	4.60977
555888.22	4201486.94	4.60208	555908.22	4201486.94	4.56832
555928.22	4201486.94	4.51085	555948.22	4201486.94	4.43178
555968.22	4201486.94	4.33356	555988.22	4201486.94	4.21816
556008.22	4201486.94	4.08757	556028.22	4201486.94	3.94274
556048.22	4201486.94	3.78548	556068.22	4201486.94	3.61625
555388.22	4201496.94	2.15714	555408.22	4201496.94	2.22131
555428.22	4201496.94	2.28969	555448.22	4201496.94	2.36292
555468.22	4201496.94	2.44150	555488.22	4201496.94	2.52602
555508.22	4201496.94	2.61698	555528.22	4201496.94	2.71495
555548.22	4201496.94	2.82048	555568.22	4201496.94	2.93380

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

555588.22	4201496.94	3.05536	555628.22	4201496.94	3.32291
555648.22	4201496.94	3.46790	555668.22	4201496.94	3.61899
555708.22	4201496.94	3.93122	555728.22	4201496.94	4.08628

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKRUN ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
555748.22	4201496.94	4.23554	555788.22	4201496.94	4.49814
555808.22	4201496.94	4.60196	555828.22	4201496.94	4.68131
555848.22	4201496.94	4.73363	555868.22	4201496.94	4.75711
555888.22	4201496.94	4.75166	555908.22	4201496.94	4.71827
555928.22	4201496.94	4.65924	555948.22	4201496.94	4.57696
555968.22	4201496.94	4.47402	555988.22	4201496.94	4.35255
556008.22	4201496.94	4.21475	556028.22	4201496.94	4.06188
556048.22	4201496.94	3.89541	556068.22	4201496.94	3.71618
555388.22	4201506.94	2.19450	555408.22	4201506.94	2.25994
555428.22	4201506.94	2.32960	555448.22	4201506.94	2.40415
555468.22	4201506.94	2.48423	555488.22	4201506.94	2.57037
555508.22	4201506.94	2.66311	555528.22	4201506.94	2.76310
555548.22	4201506.94	2.87100	555568.22	4201506.94	2.98704
555588.22	4201506.94	3.11181	555628.22	4201506.94	3.38749
555648.22	4201506.94	3.53767	555668.22	4201506.94	3.69478
555708.22	4201506.94	4.02173	555728.22	4201506.94	4.18520
555748.22	4201506.94	4.34359	555788.22	4201506.94	4.62503
555808.22	4201506.94	4.73771	555828.22	4201506.94	4.82478
555848.22	4201506.94	4.88376	555868.22	4201506.94	4.91193
555888.22	4201506.94	4.90907	555908.22	4201506.94	4.87623
555928.22	4201506.94	4.81564	555948.22	4201506.94	4.72996
555968.22	4201506.94	4.62198	555988.22	4201506.94	4.49396
556008.22	4201506.94	4.34840	556028.22	4201506.94	4.18676
556048.22	4201506.94	4.01043	556068.22	4201506.94	3.82068
555388.22	4201516.94	2.23325	555408.22	4201516.94	2.29991
555428.22	4201516.94	2.37094	555448.22	4201516.94	2.44697
555468.22	4201516.94	2.52855	555488.22	4201516.94	2.61631
555508.22	4201516.94	2.71093	555528.22	4201516.94	2.81304
555548.22	4201516.94	2.92327	555568.22	4201516.94	3.04209
555588.22	4201516.94	3.17013	555628.22	4201516.94	3.45415
555648.22	4201516.94	3.60962	555668.22	4201516.94	3.77291
555708.22	4201516.94	4.11510	555728.22	4201516.94	4.28751
555748.22	4201516.94	4.45547	555788.22	4201516.94	4.75718
555808.22	4201516.94	4.87929	555828.22	4201516.94	4.97525

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

555848.22	4201516.94	5.04116	555868.22	4201516.94	5.07468
555888.22	4201516.94	5.07489	555908.22	4201516.94	5.04278
555928.22	4201516.94	4.98063	555948.22	4201516.94	4.89119
555968.22	4201516.94	4.77800	555988.22	4201516.94	4.64293
556008.22	4201516.94	4.48901	556028.22	4201516.94	4.31777
556048.22	4201516.94	4.13089	556068.22	4201516.94	3.93006

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKRUN ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
555388.22	4201526.94	2.27321	555408.22	4201526.94	2.34127
555428.22	4201526.94	2.41378	555448.22	4201526.94	2.49133
555468.22	4201526.94	2.57451	555488.22	4201526.94	2.66404
555508.22	4201526.94	2.76056	555528.22	4201526.94	2.86478
555548.22	4201526.94	2.97741	555568.22	4201526.94	3.09905
555588.22	4201526.94	3.23040	555628.22	4201526.94	3.52293
555648.22	4201526.94	3.68384	555668.22	4201526.94	3.85349
555708.22	4201526.94	4.21151	555728.22	4201526.94	4.39347
555748.22	4201526.94	4.57128	555788.22	4201526.94	4.89482
555808.22	4201526.94	5.02719	555828.22	4201526.94	5.13280
555848.22	4201526.94	5.20663	555868.22	4201526.94	5.24583
555888.22	4201526.94	5.24972	555908.22	4201526.94	5.21857
555928.22	4201526.94	5.15471	555948.22	4201526.94	5.06146
555968.22	4201526.94	4.94262	555988.22	4201526.94	4.80002
556008.22	4201526.94	4.63705	556028.22	4201526.94	4.45544
556048.22	4201526.94	4.25714	556068.22	4201526.94	4.04431
555408.22	4201536.94	2.38406	555428.22	4201536.94	2.45814
555448.22	4201536.94	2.53732	555468.22	4201536.94	2.62222
555488.22	4201536.94	2.71352	555508.22	4201536.94	2.81202
555528.22	4201536.94	2.91848	555548.22	4201536.94	3.03364
555568.22	4201536.94	3.15812	555588.22	4201536.94	3.29278
555628.22	4201536.94	3.59398	555648.22	4201536.94	3.76044
555668.22	4201536.94	3.93663	555708.22	4201536.94	4.31118
555728.22	4201536.94	4.50313	555748.22	4201536.94	4.69150
555788.22	4201536.94	5.03806	555808.22	4201536.94	5.18180
555828.22	4201536.94	5.29768	555848.22	4201536.94	5.38038
555868.22	4201536.94	5.42621	555888.22	4201536.94	5.43424
555908.22	4201536.94	5.40423	555928.22	4201536.94	5.33885
555948.22	4201536.94	5.24159	555968.22	4201536.94	5.11639
555988.22	4201536.94	4.96588	556008.22	4201536.94	4.79298
556028.22	4201536.94	4.60023	556048.22	4201536.94	4.38952

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

556068.22	4201536.94	4.16352	555448.22	4201546.94	2.58503
555468.22	4201546.94	2.67173	555488.22	4201546.94	2.76495
555508.22	4201546.94	2.86552	555528.22	4201546.94	2.97423
555548.22	4201546.94	3.09194	555568.22	4201546.94	3.21936
555588.22	4201546.94	3.35736	555628.22	4201546.94	3.66739
555648.22	4201546.94	3.83954	555668.22	4201546.94	4.02240
555708.22	4201546.94	4.41438	555728.22	4201546.94	4.61667
555748.22	4201546.94	4.81623	555788.22	4201546.94	5.18734
555808.22	4201546.94	5.34329	555828.22	4201546.94	5.47036

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKRUN ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
555848.22	4201546.94	5.56298	555868.22	4201546.94	5.61657
555888.22	4201546.94	5.62912	555908.22	4201546.94	5.60035
555928.22	4201546.94	5.53409	555948.22	4201546.94	5.43240
555968.22	4201546.94	5.30032	555988.22	4201546.94	5.14119
556008.22	4201546.94	4.95782	556028.22	4201546.94	4.75275
556048.22	4201546.94	4.52834	556068.22	4201546.94	4.28785
555468.22	4201556.94	2.72313	555488.22	4201556.94	2.81838
555508.22	4201556.94	2.92109	555528.22	4201556.94	3.03219
555548.22	4201556.94	3.15259	555568.22	4201556.94	3.28298
555588.22	4201556.94	3.42428	555628.22	4201556.94	3.74352
555648.22	4201556.94	3.92166	555668.22	4201556.94	4.11132
555708.22	4201556.94	4.52116	555728.22	4201556.94	4.73418
555748.22	4201556.94	4.94575	555788.22	4201556.94	5.34295
555808.22	4201556.94	5.51211	555828.22	4201556.94	5.65156
555848.22	4201556.94	5.75515	555868.22	4201556.94	5.81712
555888.22	4201556.94	5.83500	555908.22	4201556.94	5.80834
555928.22	4201556.94	5.74092	555948.22	4201556.94	5.63476
555968.22	4201556.94	5.49561	555988.22	4201556.94	5.32682
556008.22	4201556.94	5.13208	556028.22	4201556.94	4.91369
556048.22	4201556.94	4.67446	556068.22	4201556.94	4.41802
555468.22	4201566.94	2.77649	555488.22	4201566.94	2.87389
555508.22	4201566.94	2.97888	555528.22	4201566.94	3.09248
555548.22	4201566.94	3.21560	555568.22	4201566.94	3.34919
555588.22	4201566.94	3.49391	555628.22	4201566.94	3.82234
555648.22	4201566.94	4.00667	555668.22	4201566.94	4.20367
555708.22	4201566.94	4.63156	555728.22	4201566.94	4.85618
555748.22	4201566.94	5.08019	555788.22	4201566.94	5.50512
555808.22	4201566.94	5.68865	555828.22	4201566.94	5.84173

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

555848.22	4201566.94	5.95742	555868.22	4201566.94	6.02867
555888.22	4201566.94	6.05289	555908.22	4201566.94	6.02898
555928.22	4201566.94	5.96033	555948.22	4201566.94	5.84981
555968.22	4201566.94	5.70290	555988.22	4201566.94	5.52373
556008.22	4201566.94	5.31612	556028.22	4201566.94	5.08319
556048.22	4201566.94	4.82818	556068.22	4201566.94	4.55495
555708.22	4201576.94	4.74605	555728.22	4201576.94	4.98279
555748.22	4201576.94	5.21996	555788.22	4201576.94	5.67385
555808.22	4201576.94	5.87317	555828.22	4201576.94	6.04139
555848.22	4201576.94	6.17019	555868.22	4201576.94	6.25246
555888.22	4201576.94	6.28368	555908.22	4201576.94	6.26337
555928.22	4201576.94	6.19351	555948.22	4201576.94	6.07817

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKRUN ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
555968.22	4201576.94	5.92298	555988.22	4201576.94	5.73254
556008.22	4201576.94	5.51086	556028.22	4201576.94	5.26205
555728.22	4201586.94	5.11421	555748.22	4201586.94	5.36580
555788.22	4201586.94	5.84982	555808.22	4201586.94	6.06654
555828.22	4201586.94	6.25150	555848.22	4201586.94	6.39498
555868.22	4201586.94	6.48951	555888.22	4201586.94	6.52871
555908.22	4201586.94	6.51233	555928.22	4201586.94	6.44183
555948.22	4201586.94	6.32128	555968.22	4201586.94	6.15728
555988.22	4201586.94	5.95452	556008.22	4201586.94	5.71743
556028.22	4201586.94	5.45123	**555748.22**	**4201596.94**	**5.51764 MER LOCATION**
555788.22	4201596.94	6.03478	555808.22	4201596.94	6.27037
555828.22	4201596.94	6.47352	555848.22	4201596.94	6.63321
555868.22	4201596.94	6.74030	555888.22	4201596.94	6.78850
555908.22	4201596.94	6.77684	555928.22	4201596.94	6.70666
555948.22	4201596.94	6.58074	555968.22	4201596.94	6.40667
555988.22	4201596.94	6.19056	556008.22	4201596.94	5.93699
556028.22	4201596.94	5.65168	555888.22	4201606.94	7.06557
555908.22	4201606.94	7.05897	555928.22	4201606.94	6.98779
555948.22	4201606.94	6.85769	555968.22	4201606.94	6.67267
555988.22	4201606.94	6.44237	556008.22	4201606.94	6.16991
556028.22	4201606.94	5.86374	555928.22	4201616.94	7.28872
555948.22	4201616.94	7.15330	555968.22	4201616.94	6.95699
555988.22	4201616.94	6.71062	556008.22	4201616.94	6.41799
556028.22	4201616.94	6.08845	555948.22	4201626.94	7.46914
555968.22	4201626.94	7.26144	555988.22	4201626.94	6.99702

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

556008.22	4201626.94	6.68312	556028.22	4201626.94	6.32793
555988.22	4201636.94	7.30369	556008.22	4201636.94	6.96530
556028.22	4201636.94	6.58258	556008.22	4201646.94	7.26805
556028.22	4201646.94	6.85372	556028.22	4201656.94	7.14276

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKIDL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 , STCK7 , STCK8 , STCK9 , STCK10 , STCK11 , STCK12 , STCK13 ,
STCK14 , STCK15 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
555388.22	4201476.94	34.13366	555408.22	4201476.94	35.00169
555428.22	4201476.94	35.88947	555448.22	4201476.94	36.85732
555468.22	4201476.94	37.83525	555488.22	4201476.94	38.99972
555508.22	4201476.94	40.24111	555528.22	4201476.94	41.57588
555548.22	4201476.94	42.96678	555568.22	4201476.94	44.42606
555588.22	4201476.94	45.95419	555628.22	4201476.94	49.09204
555648.22	4201476.94	50.61877	555668.22	4201476.94	52.07165
555708.22	4201476.94	54.37684	555728.22	4201476.94	55.07565
555748.22	4201476.94	55.50668	555788.22	4201476.94	55.09701
555808.22	4201476.94	54.36235	555828.22	4201476.94	53.34466
555848.22	4201476.94	52.34658	555868.22	4201476.94	51.26953
555888.22	4201476.94	50.21981	555908.22	4201476.94	49.27979
555928.22	4201476.94	48.51059	555948.22	4201476.94	47.94768
555968.22	4201476.94	47.51847	555988.22	4201476.94	47.15004
556008.22	4201476.94	46.76354	556028.22	4201476.94	46.23461
556048.22	4201476.94	45.45903	556068.22	4201476.94	44.35604
555388.22	4201486.94	34.77921	555408.22	4201486.94	35.62640
555428.22	4201486.94	36.51361	555448.22	4201486.94	37.47854
555468.22	4201486.94	38.49370	555488.22	4201486.94	39.59564
555508.22	4201486.94	40.83865	555528.22	4201486.94	42.18968
555548.22	4201486.94	43.61749	555568.22	4201486.94	45.11186
555588.22	4201486.94	46.66360	555628.22	4201486.94	49.89258
555648.22	4201486.94	51.46191	555668.22	4201486.94	53.01204
555708.22	4201486.94	55.52743	555728.22	4201486.94	56.34523
555748.22	4201486.94	56.80952	555788.22	4201486.94	56.55760
555808.22	4201486.94	55.85537	555828.22	4201486.94	54.82844
555848.22	4201486.94	53.80085	555868.22	4201486.94	52.68962
555888.22	4201486.94	51.59244	555908.22	4201486.94	50.61341
555928.22	4201486.94	49.80814	555948.22	4201486.94	49.22133
555968.22	4201486.94	48.77410	555988.22	4201486.94	48.38728
556008.22	4201486.94	47.98012	556028.22	4201486.94	47.39520

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

556048.22	4201486.94	46.56880	556068.22	4201486.94	45.38297
555388.22	4201496.94	35.39280	555408.22	4201496.94	36.24299
555428.22	4201496.94	37.16683	555448.22	4201496.94	38.11449
555468.22	4201496.94	39.15199	555488.22	4201496.94	40.20822
555508.22	4201496.94	41.45887	555528.22	4201496.94	42.81715
555548.22	4201496.94	44.28677	555568.22	4201496.94	45.79866
555588.22	4201496.94	47.40142	555628.22	4201496.94	50.68902
555648.22	4201496.94	52.32633	555668.22	4201496.94	53.94546
555708.22	4201496.94	56.68900	555728.22	4201496.94	57.66997

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKIDL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 , STCK7 , STCK8 , STCK9 , STCK10 , STCK11 , STCK12 , STCK13 ,
STCK14 , STCK15 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
555748.22	4201496.94	58.15494	555788.22	4201496.94	58.06330
555808.22	4201496.94	57.41270	555828.22	4201496.94	56.37966
555848.22	4201496.94	55.31001	555868.22	4201496.94	54.16982
555888.22	4201496.94	53.02997	555908.22	4201496.94	52.00712
555928.22	4201496.94	51.16262	555948.22	4201496.94	50.55063
555968.22	4201496.94	50.08412	555988.22	4201496.94	49.67713
556008.22	4201496.94	49.24226	556028.22	4201496.94	48.62259
556048.22	4201496.94	47.71759	556068.22	4201496.94	46.41891
555388.22	4201506.94	36.06609	555408.22	4201506.94	36.93794
555428.22	4201506.94	37.81772	555448.22	4201506.94	38.78426
555468.22	4201506.94	39.81656	555488.22	4201506.94	40.91721
555508.22	4201506.94	42.11062	555528.22	4201506.94	43.46208
555548.22	4201506.94	44.94073	555568.22	4201506.94	46.50232
555588.22	4201506.94	48.11912	555628.22	4201506.94	51.52060
555648.22	4201506.94	53.18740	555668.22	4201506.94	54.88121
555708.22	4201506.94	57.88362	555728.22	4201506.94	58.92939
555748.22	4201506.94	59.52009	555788.22	4201506.94	59.62087
555808.22	4201506.94	59.00620	555828.22	4201506.94	57.98633
555848.22	4201506.94	56.88306	555868.22	4201506.94	55.70944
555888.22	4201506.94	54.53648	555908.22	4201506.94	53.46315
555928.22	4201506.94	52.57805	555948.22	4201506.94	51.93921
555968.22	4201506.94	51.45184	555988.22	4201506.94	51.02265
556008.22	4201506.94	50.55690	556028.22	4201506.94	49.89266
556048.22	4201506.94	48.90701	556068.22	4201506.94	47.50872
555388.22	4201516.94	36.75131	555408.22	4201516.94	37.60348
555428.22	4201516.94	38.48978	555448.22	4201516.94	39.47791

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

555468.22	4201516.94	40.49531	555488.22	4201516.94	41.62777
555508.22	4201516.94	42.76711	555528.22	4201516.94	44.12564
555548.22	4201516.94	45.60812	555568.22	4201516.94	47.20542
555588.22	4201516.94	48.85828	555628.22	4201516.94	52.40213
555648.22	4201516.94	54.06275	555668.22	4201516.94	55.81921
555708.22	4201516.94	59.04078	555728.22	4201516.94	60.21825
555748.22	4201516.94	60.91535	555788.22	4201516.94	61.20774
555808.22	4201516.94	60.64372	555828.22	4201516.94	59.67066
555848.22	4201516.94	58.51883	555868.22	4201516.94	57.32217
555888.22	4201516.94	56.10647	555908.22	4201516.94	54.98495
555928.22	4201516.94	54.05825	555948.22	4201516.94	53.38627
555968.22	4201516.94	52.88079	555988.22	4201516.94	52.42713
556008.22	4201516.94	51.92702	556028.22	4201516.94	51.20696
556048.22	4201516.94	50.13863	556068.22	4201516.94	48.65711

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKIDL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 , STCK7 , STCK8 , STCK9 , STCK10 , STCK11 , STCK12 , STCK13 ,
STCK14 , STCK15 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
555388.22	4201526.94	37.42849	555408.22	4201526.94	38.31697
555428.22	4201526.94	39.22674	555448.22	4201526.94	40.17401
555468.22	4201526.94	41.21524	555488.22	4201526.94	42.33520
555508.22	4201526.94	43.52172	555528.22	4201526.94	44.82048
555548.22	4201526.94	46.29666	555568.22	4201526.94	47.91020
555588.22	4201526.94	49.60553	555628.22	4201526.94	53.22294
555648.22	4201526.94	54.93148	555668.22	4201526.94	56.76732
555708.22	4201526.94	60.23005	555728.22	4201526.94	61.54115
555748.22	4201526.94	62.30948	555788.22	4201526.94	62.85517
555808.22	4201526.94	62.32849	555828.22	4201526.94	61.40752
555848.22	4201526.94	60.22605	555868.22	4201526.94	59.01235
555888.22	4201526.94	57.74897	555908.22	4201526.94	56.57988
555928.22	4201526.94	55.60390	555948.22	4201526.94	54.89894
555968.22	4201526.94	54.37104	555988.22	4201526.94	53.89391
556008.22	4201526.94	53.35555	556028.22	4201526.94	52.57351
556048.22	4201526.94	51.41413	556068.22	4201526.94	49.84246
555408.22	4201536.94	39.02848	555428.22	4201536.94	39.95925
555448.22	4201536.94	40.89534	555468.22	4201536.94	41.96709
555488.22	4201536.94	43.05789	555508.22	4201536.94	44.27935
555528.22	4201536.94	45.51860	555548.22	4201536.94	47.00868
555568.22	4201536.94	48.61499	555588.22	4201536.94	50.36717

555628.22	4201536.94	54.04559	555648.22	4201536.94	55.83503
555668.22	4201536.94	57.70890	555708.22	4201536.94	61.45453
555728.22	4201536.94	62.89331	555748.22	4201536.94	63.82831
555788.22	4201536.94	64.51640	555808.22	4201536.94	64.07402
555828.22	4201536.94	63.20119	555848.22	4201536.94	62.00309
555868.22	4201536.94	60.77219	555888.22	4201536.94	59.47102
555908.22	4201536.94	58.25001	555928.22	4201536.94	57.22284
555948.22	4201536.94	56.48269	555968.22	4201536.94	55.91970
555988.22	4201536.94	55.42398	556008.22	4201536.94	54.83839
556028.22	4201536.94	53.99433	556048.22	4201536.94	52.73507
556068.22	4201536.94	51.04740	555448.22	4201546.94	41.69143
555468.22	4201546.94	42.71034	555488.22	4201546.94	43.82880
555508.22	4201546.94	45.04207	555528.22	4201546.94	46.32337
555548.22	4201546.94	47.73616	555568.22	4201546.94	49.35256
555588.22	4201546.94	51.13296	555628.22	4201546.94	54.86375
555648.22	4201546.94	56.76537	555668.22	4201546.94	58.61872
555708.22	4201546.94	62.71497	555728.22	4201546.94	64.27721
555748.22	4201546.94	65.32069	555788.22	4201546.94	66.24589
555808.22	4201546.94	65.86515	555828.22	4201546.94	65.04213

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKIDL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 , STCK7 , STCK8 , STCK9 , STCK10 , STCK11 , STCK12 , STCK13 ,
STCK14 , STCK15 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
555848.22	4201546.94	63.85249	555868.22	4201546.94	62.61666
555888.22	4201546.94	61.27332	555908.22	4201546.94	59.99392
555928.22	4201546.94	58.92580	555948.22	4201546.94	58.14434
555968.22	4201546.94	57.54260	555988.22	4201546.94	57.02074
556008.22	4201546.94	56.39761	556028.22	4201546.94	55.47240
556048.22	4201546.94	54.09016	556068.22	4201546.94	52.25945
555468.22	4201556.94	43.53522	555488.22	4201556.94	44.64425
555508.22	4201556.94	45.81715	555528.22	4201556.94	47.13396
555548.22	4201556.94	48.48065	555568.22	4201556.94	50.11424
555588.22	4201556.94	51.88991	555628.22	4201556.94	55.70076
555648.22	4201556.94	57.74388	555668.22	4201556.94	59.62169
555708.22	4201556.94	63.97548	555728.22	4201556.94	65.63465
555748.22	4201556.94	66.82331	555788.22	4201556.94	67.97872
555808.22	4201556.94	67.70753	555828.22	4201556.94	66.95961
555848.22	4201556.94	65.78351	555868.22	4201556.94	64.54243
555888.22	4201556.94	63.15631	555908.22	4201556.94	61.82938

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

555928.22	4201556.94	60.71117	555948.22	4201556.94	59.89020
555968.22	4201556.94	59.25967	555988.22	4201556.94	58.69750
556008.22	4201556.94	58.03375	556028.22	4201556.94	57.02419
556048.22	4201556.94	55.51144	556068.22	4201556.94	53.50639
555468.22	4201566.94	44.34345	555488.22	4201566.94	45.43456
555508.22	4201566.94	46.63994	555528.22	4201566.94	47.94915
555548.22	4201566.94	49.33958	555568.22	4201566.94	50.90474
555588.22	4201566.94	52.65969	555628.22	4201566.94	56.56412
555648.22	4201566.94	58.73042	555668.22	4201566.94	60.79182
555708.22	4201566.94	65.21890	555728.22	4201566.94	67.10389
555748.22	4201566.94	68.34608	555788.22	4201566.94	69.73266
555808.22	4201566.94	69.59186	555828.22	4201566.94	68.94816
555848.22	4201566.94	67.80371	555868.22	4201566.94	66.54624
555888.22	4201566.94	65.13374	555908.22	4201566.94	63.75933
555928.22	4201566.94	62.58414	555948.22	4201566.94	61.73019
555968.22	4201566.94	61.06610	555988.22	4201566.94	60.46613
556008.22	4201566.94	59.73004	556028.22	4201566.94	58.62360
556048.22	4201566.94	56.99403	556068.22	4201566.94	54.85025
555708.22	4201576.94	66.52763	555728.22	4201576.94	68.63848
555748.22	4201576.94	69.92437	555788.22	4201576.94	71.44045
555808.22	4201576.94	71.50286	555828.22	4201576.94	70.98042
555848.22	4201576.94	69.90764	555868.22	4201576.94	68.64449
555888.22	4201576.94	67.20946	555908.22	4201576.94	65.79222
555928.22	4201576.94	64.55300	555948.22	4201576.94	63.65699

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (35064 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKIDL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 , STCK7 , STCK8 , STCK9 , STCK10 , STCK11 , STCK12 , STCK13 ,
STCK14 , STCK15 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
555968.22	4201576.94	62.95873	555988.22	4201576.94	62.31516	
556008.22	4201576.94	61.49614	556028.22	4201576.94	60.28009	
555728.22	4201586.94	70.18902	555748.22	4201586.94	71.65323	
555788.22	4201586.94	73.18416	555808.22	4201586.94	73.46869	
555828.22	4201586.94	73.10126	555848.22	4201586.94	72.11087	
555868.22	4201586.94	70.85201	555888.22	4201586.94	69.38752	
555908.22	4201586.94	67.92321	555928.22	4201586.94	66.62746	
555948.22	4201586.94	65.68360	555968.22	4201586.94	64.95362	
555988.22	4201586.94	64.26270	556008.22	4201586.94	63.35160	
556028.22	4201586.94	62.01430	**555748.22**	**4201596.94**	**73.44258**	**MER LOCATION**
555788.22	4201596.94	75.08525	555808.22	4201596.94	75.59780	

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

555828.22	4201596.94	75.34391	555848.22	4201596.94	74.44756
555868.22	4201596.94	73.14182	555888.22	4201596.94	71.66792
555908.22	4201596.94	70.15839	555928.22	4201596.94	68.81574
555948.22	4201596.94	67.82589	555968.22	4201596.94	67.04152
555988.22	4201596.94	66.30167	556008.22	4201596.94	65.31171
556028.22	4201596.94	63.84211	555888.22	4201606.94	74.07560
555908.22	4201606.94	72.51332	555928.22	4201606.94	71.08491
555948.22	4201606.94	70.07967	555968.22	4201606.94	69.23365
555988.22	4201606.94	68.46069	556008.22	4201606.94	67.33777
556028.22	4201606.94	65.72610	555928.22	4201616.94	73.49039
555948.22	4201616.94	72.43750	555968.22	4201616.94	71.54334
555988.22	4201616.94	70.70859	556008.22	4201616.94	69.47012
556028.22	4201616.94	67.67797	555948.22	4201626.94	74.89738
555968.22	4201626.94	73.97940	555988.22	4201626.94	73.05711
556008.22	4201626.94	71.74919	556028.22	4201626.94	69.77442
555988.22	4201636.94	75.52979	556008.22	4201636.94	74.08584
556028.22	4201636.94	71.96438	556008.22	4201646.94	76.59962
556028.22	4201646.94	74.25257	556028.22	4201656.94	76.64377

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** THE SUMMARY OF MAXIMUM PERIOD (35064 HRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)					OF TYPE	NETWORK GRID-ID
TRUCKRTE	1ST HIGHEST VALUE IS	3.57449 AT	(555568.22,	4201566.94,	5.15,	5.15,	1.50)	DC	
	2ND HIGHEST VALUE IS	3.56832 AT	(555588.22,	4201566.94,	5.37,	5.37,	1.50)	DC	
	3RD HIGHEST VALUE IS	3.56708 AT	(555548.22,	4201566.94,	5.03,	5.03,	1.50)	DC	
	4TH HIGHEST VALUE IS	3.54533 AT	(555528.22,	4201566.94,	4.97,	4.97,	1.50)	DC	
	5TH HIGHEST VALUE IS	3.52369 AT	(555628.22,	4201566.94,	5.44,	5.44,	1.50)	DC	
	6TH HIGHEST VALUE IS	3.50885 AT	(555508.22,	4201566.94,	4.94,	4.94,	1.50)	DC	
	7TH HIGHEST VALUE IS	3.49354 AT	(555748.22,	4201596.94,	5.75,	5.75,	1.50)	DC	
	8TH HIGHEST VALUE IS	3.48712 AT	(555648.22,	4201566.94,	5.44,	5.44,	1.50)	DC	
	9TH HIGHEST VALUE IS	3.46991 AT	(555728.22,	4201586.94,	5.55,	5.55,	1.50)	DC	
	10TH HIGHEST VALUE IS	3.45822 AT	(555488.22,	4201566.94,	4.83,	4.83,	1.50)	DC	
VANRTE	1ST HIGHEST VALUE IS	0.49671 AT	(555548.22,	4201566.94,	5.03,	5.03,	1.50)	DC	
	2ND HIGHEST VALUE IS	0.49629 AT	(555528.22,	4201566.94,	4.97,	4.97,	1.50)	DC	
	3RD HIGHEST VALUE IS	0.49420 AT	(555568.22,	4201566.94,	5.15,	5.15,	1.50)	DC	
	4TH HIGHEST VALUE IS	0.49205 AT	(555508.22,	4201566.94,	4.94,	4.94,	1.50)	DC	
	5TH HIGHEST VALUE IS	0.48993 AT	(555588.22,	4201566.94,	5.37,	5.37,	1.50)	DC	
	6TH HIGHEST VALUE IS	0.48379 AT	(555488.22,	4201566.94,	4.83,	4.83,	1.50)	DC	
	7TH HIGHEST VALUE IS	0.48005 AT	(555628.22,	4201566.94,	5.44,	5.44,	1.50)	DC	
	8TH HIGHEST VALUE IS	0.47960 AT	(555548.22,	4201556.94,	5.04,	5.04,	1.50)	DC	
	9TH HIGHEST VALUE IS	0.47930 AT	(555528.22,	4201556.94,	4.98,	4.98,	1.50)	DC	
	10TH HIGHEST VALUE IS	0.47723 AT	(555568.22,	4201556.94,	5.18,	5.18,	1.50)	DC	
TRUCKRUN	1ST HIGHEST VALUE IS	7.46914 AT	(555948.22,	4201626.94,	6.91,	6.91,	1.50)	DC	
	2ND HIGHEST VALUE IS	7.30369 AT	(555988.22,	4201636.94,	6.99,	6.99,	1.50)	DC	
	3RD HIGHEST VALUE IS	7.28872 AT	(555928.22,	4201616.94,	6.90,	6.90,	1.50)	DC	
	4TH HIGHEST VALUE IS	7.26805 AT	(556008.22,	4201646.94,	7.03,	7.03,	1.50)	DC	
	5TH HIGHEST VALUE IS	7.26144 AT	(555968.22,	4201626.94,	6.93,	6.93,	1.50)	DC	
	6TH HIGHEST VALUE IS	7.15330 AT	(555948.22,	4201616.94,	6.84,	6.84,	1.50)	DC	
	7TH HIGHEST VALUE IS	7.14276 AT	(556028.22,	4201656.94,	7.03,	7.03,	1.50)	DC	
	8TH HIGHEST VALUE IS	7.06557 AT	(555888.22,	4201606.94,	6.86,	6.86,	1.50)	DC	
	9TH HIGHEST VALUE IS	7.05897 AT	(555908.22,	4201606.94,	6.83,	6.83,	1.50)	DC	
	10TH HIGHEST VALUE IS	6.99702 AT	(555988.22,	4201626.94,	6.98,	6.98,	1.50)	DC	
TRUCKIDL	1ST HIGHEST VALUE IS	76.64377 AT	(556028.22,	4201656.94,	7.03,	7.03,	1.50)	DC	
	2ND HIGHEST VALUE IS	76.59962 AT	(556008.22,	4201646.94,	7.03,	7.03,	1.50)	DC	
	3RD HIGHEST VALUE IS	75.59780 AT	(555808.22,	4201596.94,	6.77,	6.77,	1.50)	DC	
	4TH HIGHEST VALUE IS	75.52979 AT	(555988.22,	4201636.94,	6.99,	6.99,	1.50)	DC	

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

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          5TH HIGHEST VALUE IS      75.34391 AT (  555828.22,  4201596.94,     6.82,     6.82,    1.50)  DC
          6TH HIGHEST VALUE IS      75.08525 AT (  555788.22,  4201596.94,     6.70,     6.70,    1.50)  DC
          7TH HIGHEST VALUE IS      74.89738 AT (  555948.22,  4201626.94,     6.91,     6.91,    1.50)  DC
          8TH HIGHEST VALUE IS      74.44756 AT (  555848.22,  4201596.94,     6.83,     6.83,    1.50)  DC
          9TH HIGHEST VALUE IS      74.25257 AT (  556028.22,  4201646.94,     7.08,     7.08,    1.50)  DC
         10TH HIGHEST VALUE IS      74.08584 AT (  556008.22,  4201636.94,     7.08,     7.08,    1.50)  DC

 *** AERMOD - VERSION  19191 ***   *** Single Warehouse Alternative 506 Brookside Dr HRA - Residential Receptors ***       10/13/20
 *** AERMET - VERSION  18081 ***   *** North Richmond, CA                                                    ***       13:20:31
                                                                                                                      PAGE 241
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  SigA Data

                                    *** THE SUMMARY OF MAXIMUM PERIOD ( 35064 HRS) RESULTS ***


                                    ** CONC OF OTHER    IN MICROGRAMS/M**3                        **

                                                                                                    NETWORK
GROUP ID                       AVERAGE CONC              RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                  MER LOCATION
DELIVVAN  1ST HIGHEST VALUE IS       1.09497 AT (  555748.22,  4201596.94,     5.75,     5.75,    1.50)  DC
          2ND HIGHEST VALUE IS       1.06747 AT (  555788.22,  4201596.94,     6.70,     6.70,    1.50)  DC
          3RD HIGHEST VALUE IS       1.04691 AT (  555748.22,  4201586.94,     5.89,     5.89,    1.50)  DC
          4TH HIGHEST VALUE IS       1.04193 AT (  555728.22,  4201586.94,     5.55,     5.55,    1.50)  DC
          5TH HIGHEST VALUE IS       1.04139 AT (  555808.22,  4201596.94,     6.77,     6.77,    1.50)  DC
          6TH HIGHEST VALUE IS       1.02210 AT (  555788.22,  4201586.94,     6.66,     6.66,    1.50)  DC
          7TH HIGHEST VALUE IS       1.01085 AT (  555828.22,  4201596.94,     6.82,     6.82,    1.50)  DC
          8TH HIGHEST VALUE IS       1.00235 AT (  555748.22,  4201576.94,     6.00,     6.00,    1.50)  DC
          9TH HIGHEST VALUE IS       0.99834 AT (  555808.22,  4201586.94,     6.76,     6.76,    1.50)  DC
         10TH HIGHEST VALUE IS       0.99806 AT (  555728.22,  4201576.94,     5.63,     5.63,    1.50)  DC

VANIDLE   1ST HIGHEST VALUE IS       0.95767 AT (  555748.22,  4201596.94,     5.75,     5.75,    1.50)  DC
          2ND HIGHEST VALUE IS       0.94858 AT (  555788.22,  4201596.94,     6.70,     6.70,    1.50)  DC
          3RD HIGHEST VALUE IS       0.93054 AT (  555808.22,  4201596.94,     6.77,     6.77,    1.50)  DC
          4TH HIGHEST VALUE IS       0.92228 AT (  555748.22,  4201586.94,     5.89,     5.89,    1.50)  DC
          5TH HIGHEST VALUE IS       0.91358 AT (  555728.22,  4201586.94,     5.55,     5.55,    1.50)  DC
          6TH HIGHEST VALUE IS       0.91133 AT (  555788.22,  4201586.94,     6.66,     6.66,    1.50)  DC
          7TH HIGHEST VALUE IS       0.90371 AT (  555828.22,  4201596.94,     6.82,     6.82,    1.50)  DC
          8TH HIGHEST VALUE IS       0.89326 AT (  555808.22,  4201586.94,     6.76,     6.76,    1.50)  DC
          9TH HIGHEST VALUE IS       0.88887 AT (  555748.22,  4201576.94,     6.00,     6.00,    1.50)  DC
         10TH HIGHEST VALUE IS       0.88205 AT (  555728.22,  4201576.94,     5.63,     5.63,    1.50)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
```

Model Output - Residential Receptors
Unit Emission Rates (1 g/s)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN SigA Data

*** Message Summary : AERMOD Model Execution ***

 --------- Summary of Total Messages --------

A Total of   0 Fatal Error Message(s)
A Total of   5 Warning Message(s)
A Total of   325 Informational Message(s)

A Total of   35064 Hours Were Processed

A Total of   0 Calm Hours Identified

A Total of   325 Missing Hours Identified (0.93 Percent)

   ******** FATAL ERROR MESSAGES ********
              *** NONE ***

   ********   WARNING MESSAGES   ********
MX W403   3697   PFLCNV: Turbulence data is being used w/o ADJ_U* option   SigA Data
MX W403   1   PFLCNV: Turbulence data is being used w/o ADJ_U* option   SigA Data
MX W492   1   METEXT: SURFDATA YR .NE. 1st YR of file, adj to match file StartYR 2013
MX W450   8761   CHKDAT: Record Out of Sequence in Meteorological File at: 15010101
MX W450   8761   CHKDAT: Record Out of Sequence in Meteorological File at: 1 year gap

   ****
   *** AERMOD Finishes Successfully ***
   ****

Appendix C Risk Calculations

Table C1
MER Concentrations for HARP2 Input
for Verde Elemnetary School

Source No. (a)	Source (b)	Emission Rates[1] **Annual Average** (g/s) (c)	Contaminant (d)	Weight Fraction (e)	AERMOD Output[2] **Annual Average** ($\mu g/m^3$) (f)	Annual Average MER Concentration ($\mu g/m^3$) (g)
School Receptors						
1	On-site Truck Running	6.81E-06	Diesel Particulate	1.00E+00	0.720	4.91E-06
2	Off-site Truck Running	8.30E-06	Diesel Particulate	1.00E+00	0.392	3.26E-06
3	Truck Idling	1.21E-07	Diesel Particulate	1.00E+00	11.76	1.43E-06
4	On-site Delivery Van Running	2.43E-04	Diesel Particulate	1.00E+00	0.814	1.98E-04
5	Off-site Delivery Van Running	1.07E-04	Diesel Particulate	1.00E+00	0.073	7.79E-06
6	Delivery Van Idling	1.36E-03	Diesel Particulate	1.00E+00	0.390	5.31E-04
						For Cancer/Chronic Calculation

Source No. (a)	Source (b)	Emission Rates[1] **Annual** (g/s) (c)	Contaminant (d)	Weight Fraction (e)	AERMOD Output[2] **Annual Average** ($\mu g/m^3$) (f)	Annual Average MER Concentration ($\mu g/m^3$) (g)
School Receptors						
1	On-site Running Emissions	1.78E-05	$PM_{2.5}$	1.00E+00	0.720	1.28E-05
2	Off-site Running Emissions	4.34E-05	$PM_{2.5}$	1.00E+00	0.392	1.70E-05
3	Truck Idling	1.16E-07	$PM_{2.5}$	1.00E+00	11.76	1.37E-06
4	On-site Delivery Van Running	1.02E-03	$PM_{2.5}$	1.00E+00	0.814	8.28E-04
5	Off-site Delivery Van Running	1.12E-03	$PM_{2.5}$	1.00E+00	0.073	8.20E-05
6	Delivery Van Idling	2.53E-03	$PM_{2.5}$	1.00E+00	0.390	9.86E-04
			Maximum Annual $PM_{2.5}$ Concentration			**0.002**

Note: Maximum Exposed Receptor (MER) 555823.83, 4201798.86

[1] Emission Rates, per source, from source emissions inventories (Appendix A).

[2] AERMOD Output (Appendix B) at the maximum exposed receptor (MER) are based on unit emission rates for emission sources (1 g/s per source).

Table C2
HARP2 Results for Cancer Risk and Chronic Hazards
Verde Elementary School

No.	Source	Contaminant	Carcinogenic Risks		Chronic Non-Cancer Risks - Toxicological Endpoints*											
			Staff	Student (K-8)	CV	CNS	IMMUN	KIDNEY	GILV	REPRO	**RESP**	SKIN	EYE	BONE	ENDO	BLOOD
			per million	per million												
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)
1	On-site Truck	Diesel Particulate	3.0E-04	5.3E-04							9.82E-07					
2	Off-site Truck		2.0E-04	3.5E-04							6.52E-07					
3	Truck Idling		8.9E-05	1.6E-04							2.86E-07					
4	On-site Delivery		1.2E-02	2.2E-02							3.96E-05					
5	Off-site Delivery		4.8E-04	8.5E-04							1.56E-06					
6	Delivery Van Idling		3.3E-02	5.8E-02							1.06E-04					
		Total - All Sources	**0.05**	**0.08**	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**1.5E-04**	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Note: Health risks calculated using HARP2, Risk Assessment Standalone Tool, version 19044 (CARB, 2019).

Total Cancer Risk	**Staff**	**0.05**	**per million**
Total Cancer Risk	**Students**	**0.08**	
Maximum Chronic Hazard Index		**1.5E-04**	**Resp**

	Staff	Students (K-8)	
	16 < 70 years	2 < 16 years	age bin
Dose Exposure Factors:	250	180	exposure frequency (days/year)
	230	520	inhalation rate (L/kg-day) [1]
	1	1	inhalation absorption factor
Risk Calculation Factors:	1	3	age sensitivity factor
	25	9	exposure duration (years)
	70	70	averaging time (years)
	1.00E+06	1.00E+06	fraction of time at home

[1] 8-hour inhalation rate taken as the 95th percentile breathing rates for moderate intensity activities (OEHHA, 2015).

* Key to Toxicological Endpoints

CV	Cardiovascular System
CNS	Central Nervous System
IMMUN	Immune System
KIDN	Kidneys
GILV	Gastrointestinal Tract and Liver/Alimentary Tract
RESP	Respiratory System
REPRO	Reproductive System
SKIN	Skin irritation and/or other effects
EYE	Eye irritation and/or other effects
BONE	Bones and Teeth
ENDO	Endocrine System
BLOOD	Hematological System

Table C3
MER Concentrations for HARP2 Input
Residential Receptors

Source No. (a)	Source (b)	Emission Rates[1] **Annual Average** (g/s) (c)	Contaminant (d)	Weight Fraction (e)	AERMOD Output[2] **Annual Average** ($\mu g/m^3$) (f)	Annual Average MER Concentration ($\mu g/m^3$) (g)
Residential Scenario						
1	On-site Truck Running	6.81E-06	Diesel Particulate	1.00E+00	5.520	3.76E-05
2	Off-site Truck Running	8.30E-06	Diesel Particulate	1.00E+00	3.494	2.90E-05
3	Truck Idling	1.21E-07	Diesel Particulate	1.00E+00	73.44	8.92E-06
4	On-site Delivery Van Running	2.43E-04	Diesel Particulate	1.00E+00	1.095	2.66E-04
5	Off-site Delivery Van Running	1.07E-04	Diesel Particulate	1.00E+00	0.474	5.05E-05
6	Delivery Van Idling	1.36E-03	Diesel Particulate	1.00E+00	0.958	1.30E-03
						For Cancer/Chronic Calculation

Source No. (a)	Source (b)	Emission Rates[1] **Annual** (g/s) (c)	Contaminant (d)	Weight Fraction (e)	AERMOD Output[2] **Annual Average** ($\mu g/m^3$) (f)	Annual Average MER Concentration ($\mu g/m^3$) (g)
Residential Scenario						
1	On-site Truck Running	1.78E-05	$PM_{2.5}$	1.00E+00	5.520	9.84E-05
2	Off-site Truck Running	4.34E-05	$PM_{2.5}$	1.00E+00	3.494	1.52E-04
3	Truck Idling	1.16E-07	$PM_{2.5}$	1.00E+00	73.44	8.54E-06
4	On-site Delivery Van Running	1.02E-03	$PM_{2.5}$	1.00E+00	1.095	1.11E-03
5	Off-site Delivery Van Running	1.12E-03	$PM_{2.5}$	1.00E+00	0.474	5.32E-04
6	Delivery Van Idling	2.53E-03	$PM_{2.5}$	1.00E+00	0.958	2.42E-03
			Maximum Annual $PM_{2.5}$ Concentration			**0.004**

Note: Maximum Exposed Receptor (MER) 555748.22, 4201596.94

[1] Emission Rates, per source, from source emissions inventories (Appendix A).

[2] AERMOD Output (Appendix B) at the maximum exposed receptor (MER) are based on unit emission rates for emission sources (1 g/s per source).

Table C4
HARP2 Results for Cancer Risk and Chronic Hazards
Residential Receptors

No.	Source	Contaminant	Carcinogenic Risks	Chronic Non-Cancer Risks - Toxicological Endpoints*											
			30-yr Resident [1] per million	CV	CNS	IMMUN	KIDNEY	GILV	REPRO	**RESP**	SKIN	EYE	BONE	ENDO	BLOOD
(a)	(b)	(c)	(d)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)
1	On-site Truck	Diesel Particulate	3.3E-02							7.52E-06					
2	Off-site Truck		2.5E-02							5.80E-06					
3	Truck Idling		7.7E-03							1.78E-06					
4	On-site Delivery		2.3E-01							5.32E-05					
5	Off-site Delivery		4.3E-02							1.00E-05					
6	Delivery Van Idling		8.9E-01							2.06E-04					
		Total - All Sources	**1.2**	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**2.84E-04**	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Note: Health risks calculated using HARP2, Risk Assessment Standalone Tool, version 19044 (CARB, 2019).

	3rd Trimester	0 < 2 years	2 < 16 years	16 < 30 years	age bin
Dose Exposure Factors:	350	350	350	350	exposure frequency (days/year)
	361	1090	745	335	inhalation rate (L/kg-day) [2]
	1	1	1	1	inhalation absorption factor
Risk Calculation Factors:	10	10	3	1	age sensitivity factor
	0.25	2	14	14	exposure duration (years)
	70	70	70	70	averaging time (years)
	1	1	1	0.73	fraction of time at home (FAH)

* Key to Toxicological Endpoints

CV	Cardiovascular System
CNS	Central Nervous System
IMMUN	Immune System
KIDN	Kidneys
GILV	Gastrointestinal Tract and Liver/Alimentary Tract
RESP	Respiratory System
REPRO	Reproductive System
SKIN	Skin irritation and/or other effects
EYE	Eye irritation and/or other effects
BONE	Bones and Teeth
ENDO	Endocrine System
BLOOD	Hematological System

[1] For informational purposes, 70-year and 9-year residential cancer risks are 1.5 and 0.9 in a million, respectively.

[2] Inhalation rate taken as the 95th percentile breathing rates (OEHHA, 2015).

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J.3 - Single Warehouse Alternative - Noise

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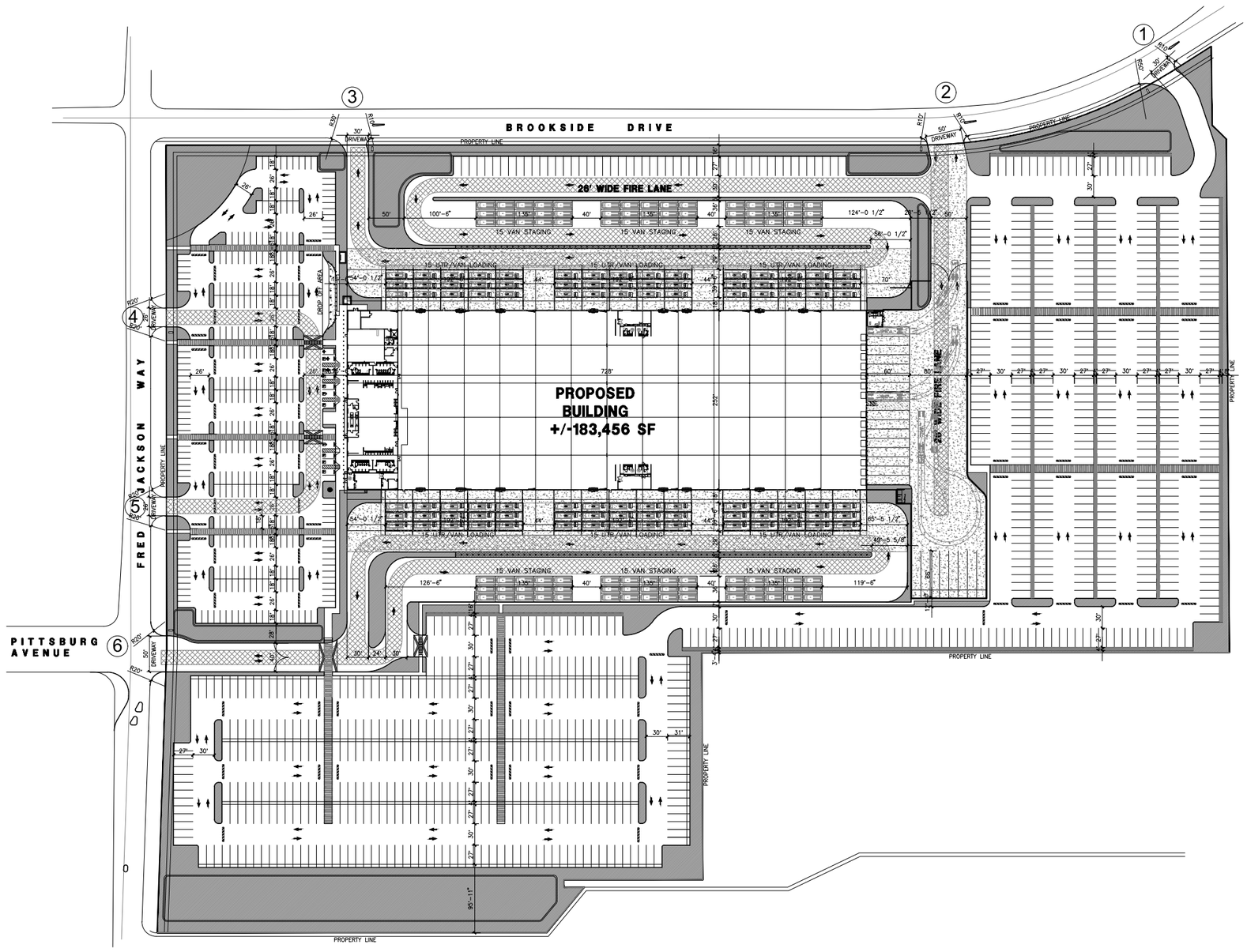
NOISE TECHNICAL MEMORANDUM

DATE	June 21, 2021
TO	CenterPoint Properties
ADDRESS	725 S. Figueroa Street, Suite 3005 Los Angeles, California 90017
CONTACT	William Lu, Senior Vice President Ryan Kelleher, Manager of Development Transactions
FROM	Josh Carman, INCE-USA, Senior Associate Izzy Garcia, INCE-USA, Associate
SUBJECT	Single Warehouse Alternative, 506 Brookside Drive, North Richmond, CA Noise Technical Memorandum
PROJECT NUMBER	CPP-06

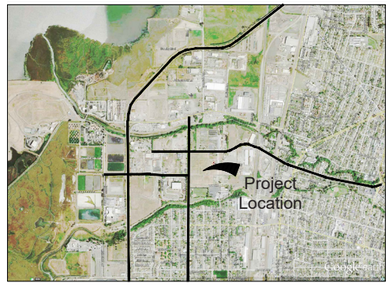
Introduction

This technical memorandum provides the noise impact assessment for the proposed Single Warehouse Alternative for the project site at 506 Brookside Drive in North Richmond, an unincorporated area in Contra Costa County, California. CenterPoint Properties is proposing to develop a warehouse project at 506 Brookside Drive in North Richmond, an unincorporated area in Contra Costa County, California. The site is bounded by Brookside Drive to the north; Fred Jackson Way to the west; industrial uses to the east; and Verde Elementary School, North Richmond Ball Field, and a storage facility to the south. The site is bounded by Brookside Drive to the north; Fred Jackson Way to the west; industrial uses to the east; and Verde Elementary School, North Richmond Ball Field, and a storage facility to the south. The Single Warehouse Alternative would encompass 31.88 acres and would include one building with 165,456 square feet (SF) for industrial warehouse space and 18,000 SF for office space (183,456 SF total building space). An 8-foot-high, CMU wall is proposed along the southern property line of the project site. Figure 1 shows the proposed Single Warehouse Alternative site plan. Fundamentals of acoustics, traffic noise modeling, and SoundPLAN noise modeling outputs are included in Attachment A.

Figure 1 - Proposed Site Plan



Aerial Map



SITE AREA	
In s.f.	1,388,813 s.f.
In acres	31.88 ac
BUILDING AREA	
Office	18,000 s.f.
Warehouse	165,456 s.f.
TOTAL	183,456 s.f.
Pump House	529 s.f.
COVERAGE	13.2%
AUTO PARKING REQUIRED	
Office: 1/250 s.f.	72 stalls
Whse: 1/1,000 s.f.	165 stalls
TOTAL	237 stalls
AUTO PARKING PROVIDED	
Standard (8.5 'x 18')	316
Accessible Parking (9' x 18')	6
Accessible Van Parking (12' x 18')	2
EV Parking (9' x 18')	19
EV Standard Accessible (9' x 18')	1
EV Ambulatory Accessible (10' x 18')	1
TOTAL	343 stalls
VAN PARKING PROVIDED	
Standard (11'x27')	915 stalls
TRAILER PARKING PROVIDED	
Trailer (12 'x 60')	8 stalls
ZONING ORDINANCE FOR CITY	
Zoning Designation - H-I (Heavy Industrial)	
MAXIMUM BUILDING HEIGHT ALLOWED	
Height - 50'	
MAXIMUM FLOOR AREA RATIO	
FAR - 0.67	
SETBACKS	
Building	
Front	10'
Side facing street	10'
Parking	5'

0 170
Scale (Feet)

Source: HPA Architecture, 2020

Contra Costa County Noise Standards

The Contra Costa County Code does not include quantitative operational noise standards that would apply to the Single Warehouse Alternative. In their absence, this analysis uses the allowable exterior noise levels for outdoor events in Section 82-44.410 of the County Code. The daytime standard of 60 dBA L_{50} is used. County Code Section 716-8.1008 refers to excavation work and states that noise and/or vibration from grading operations shall be controlled to prevent nuisances to public and private ownerships.

Methodology

Traffic-related noise increases due to implementation of the Single Warehouse Alternative were calculated using average daily traffic (ADT) roadway segment volumes provided by Kittelson & Associates, and comparing existing plus project ADT volumes to existing ADT volumes.

On-site stationary noise sources such as loading and unloading docks and on-site vehicle movements were modeled using the SoundPLAN acoustic-ray-tracing noise propagation software.[1] SoundPLAN uses industry-accepted propagation algorithms based on International Organization for Standardization (ISO) and ÖAL-28 standards for outdoor sound propagation. The modeling calculations account for classical sound wave divergence (spherical spreading loss with adjustments for source directivity from point sources) plus attenuation factors due to air absorption, ground effects, and shielding. Additionally, SoundPLAN provides for other correction factors, including level increases due to reflections, source directivity, and source tonality.

Reference noise levels of truck loading dock operational noise from the SoundPLAN library were used to evaluate loading dock noise at nearby sensitive receptors. In addition, on-site vehicle movements were modeled in SoundPLAN around the project site where trucks and vans would drive and park based on the project trip generation volumes provided by Kittelson & Associates. The 8-foot-high CMU wall along the southern property line of the project site was included in the SoundPLAN model.

Modeling Results

TRAFFIC NOISE

Noise increases are divided into three categories: audible, potentially audible, and inaudible. “Audible” increases are perceptible to humans. They generally refer to a change of 3 dBA or more, since this level has been found to be the threshold of perceptibility in exterior environments. “Potentially audible” refers to a change in noise level between 1 and 3 dBA. Changes in noise level of less than 1 dBA are typically “inaudible” to humans except under quiet conditions in controlled environments. Note that to create a 3 dB increase in traffic-generated noise levels, a doubling of traffic flows (e.g., 1,000 vehicles per day to 2,000 per day) would be needed. Table 1 summarizes project-related traffic noise increases by roadway segment, calculated using traffic volumes provided by Kittelson & Associates.

Table 1 shows the project alternative’s traffic noise increase is up to 1.0 dBA CNEL above existing conditions. Both this increase and its contribution of up to 0.7 dBA CNEL to cumulative traffic noise would both be less than the 3 dBA threshold. Therefore, traffic noise impacts would be less than significant.

[1] While on-site vehicle movements are inherently mobile, they are treated as stationary noise sources for the purposes of comparison with the County code.

STATIONARY SOURCES

On-site stationary noise sources such as loading and unloading docks and on-site vehicle movements were modeled using SoundPLAN. The results of modeling indicate that project operational noise levels would be up to 40.6 dBA L_{50} at Verde Elementary School. Noise would attenuate to lower levels at the residences further to the south. Project noise levels would not exceed the County standard of 60 dBA L_{50} and would be less than significant.

Table 1 Project-Related Traffic Noise Level Increases

Roadway Segment	Traffic Volumes (ADT)				Traffic Noise Increase (dBA CNEL)		
	Existing	Existing Plus Project	Cumulative No Project	Cumulative Plus Project	Project Noise Increase	Cumulative Noise Increase	Project Cumulative Contribution
Richmond Parkway - north of I-80 WB Ramps-Blume Drive	16,950	17,062	23,420	23,532	0.0	1.4	0.0
Richmond Parkway - south of I-80 WB Ramps-Blume Drive	13,250	13,250	17,600	17,600	0.0	1.2	0.0
I-80 WB Ramps-Blume Drive - east of Richmond Parkway	22,700	22,750	30,170	30,220	0.0	1.2	0.0
I-80 WB Ramps-Blume Drive - west of Richmond Parkway	26,700	26,862	36,690	36,852	0.0	1.4	0.0
Richmond Parkway - north of San Pablo Avenue	25,250	25,294	34,200	34,244	0.0	1.3	0.0
Richmond Parkway - south of San Pablo Avenue	14,200	14,245	18,900	18,945	0.0	1.3	0.0
San Pablo Avenue - east of Richmond Parkway	25,800	25,961	37,940	38,101	0.0	1.7	0.0
San Pablo Avenue - west of Richmond Parkway	28,150	28,310	41,940	42,100	0.0	1.7	0.0
Richmond Parkway - north of Atlas Road	7,400	7,404	10,040	10,044	0.0	1.3	0.0
Richmond Parkway - south of Atlas Road	5,350	5,353	7,090	7,093	0.0	1.2	0.0
Atlas Road - east of Richmond Parkway	28,150	28,310	41,940	42,100	0.0	1.7	0.0
Atlas Road - west of Richmond Parkway	25,300	25,467	38,370	38,537	0.0	1.8	0.0
Richmond Parkway - north of Hilltop Drive	2,550	2,550	3,650	3,650	0.0	1.6	0.0
Richmond Parkway - south of Hilltop Drive	10,450	10,457	14,730	14,737	0.0	1.5	0.0
Hilltop Drive - east of Richmond Parkway	25,300	25,469	38,370	38,539	0.0	1.8	0.0
Hilltop Drive - west of Richmond Parkway	32,000	32,176	47,850	48,026	0.0	1.8	0.0
Richmond Parkway - north of Goodrick Avenue	750	750	2,000	2,000	0.0	4.3	0.0
Richmond Parkway - south of Goodrick Avenue	4,750	4,885	6,900	7,035	0.1	1.7	0.1
Goodrick Avenue - north of Richmond Parkway	31,650	31,794	45,000	45,144	0.0	1.5	0.0
Goodrick Avenue - south of Richmond Parkway	27,550	27,559	39,400	39,409	0.0	1.6	0.0
Richmond Parkway - north of Parr Boulevard	27,250	27,259	39,400	39,409	0.0	1.6	0.0
Richmond Parkway - south of Parr Boulevard	29,250	29,250	43,600	43,600	0.0	1.7	0.0
Parr Boulevard - east of Richmond Parkway	3,050	3,059	8,850	8,859	0.0	4.6	0.0
Parr Boulevard - west of Richmond Parkway	1,550	1,550	2,850	2,850	0.0	2.6	0.0
Fred Jackson Way - south of Parr Boulevard	4,750	4,935	5,980	6,165	0.2	1.1	0.1

Table 1 Project-Related Traffic Noise Level Increases

Roadway Segment	Traffic Volumes (ADT)				Traffic Noise Increase (dBA CNEL)		
	Existing	Existing Plus Project	Cumulative No Project	Cumulative Plus Project	Project Noise Increase	Cumulative Noise Increase	Project Cumulative Contribution
Parr Boulevard - east of Fred Jackson Way	7,100	7,276	8,775	8,951	0.1	1.0	0.1
Parr Boulevard - west of Fred Jackson Way	3,250	3,259	4,355	4,364	0.0	1.3	0.0
Richmond Parkway - north of Pittsburg Avenue	29,250	29,250	43,600	43,600	0.0	1.7	0.0
Richmond Parkway - south of Pittsburg Avenue	29,950	30,454	44,850	45,354	0.1	1.8	0.0
Pittsburg Avenue - east of Richmond Parkway	2,200	2,704	4,750	5,254	0.9	3.8	0.4
Pittsburg Avenue - west of Richmond Parkway	800	800	1,400	1,400	0.0	2.4	0.0
Richmond Parkway - north of Gertrude Avenue	29,800	30,304	44,850	45,354	0.1	1.8	0.0
Richmond Parkway - south of Gertrude Avenue	31,750	32,254	47,405	47,909	0.1	1.8	0.0
Gertrude Avenue - east of Richmond Parkway	3,700	3,700	5,545	5,545	0.0	1.8	0.0
Gertrude Avenue - west of Richmond Parkway	1,450	1,450	2,300	2,300	0.0	2.0	0.0
Castro Street - north of Hensley Street	18,950	19,291	27,560	27,901	0.1	1.7	0.1
Castro Street - south of Hensley Street	21,250	21,591	30,560	30,901	0.1	1.6	0.0
Hensley Street - east of Castro Street	2,700	2,700	3,800	3,800	0.0	1.5	0.0
Hensley Street - west of Castro Street	300	300	600	600	0.0	3.0	0.0
Richmond Parkway - north of Hensley Street	15,250	15,412	21,645	21,807	0.0	1.6	0.0
Richmond Parkway - south of Hensley Street	18,850	19,012	26,495	26,657	0.0	1.5	0.0
Hensley Street - east of Richmond Parkway	6,650	6,650	8,950	8,950	0.0	1.3	0.0
Hensley Street - west of Richmond Parkway	3,350	3,350	4,600	4,600	0.0	1.4	0.0
Richmond Parkway - north of West Barrett Avenue	18,850	19,012	26,495	26,657	0.0	1.5	0.0
Richmond Parkway - south of West Barret Avenue	20,100	20,247	28,020	28,167	0.0	1.5	0.0
West Barrett Avenue - east of Richmond Parkway	5,750	5,765	7,875	7,890	0.0	1.4	0.0
Richmond Parkway - north of West Macdonald Avenue	20,100	20,247	28,020	28,167	0.0	1.5	0.0
Richmond Parkway - south of West Macdonald Avenue	20,700	20,832	28,800	28,932	0.0	1.5	0.0
West Macdonald Avenue east of Richmond Parkway	3,700	3,715	5,320	5,335	0.0	1.6	0.0
Richmond Parkway/Canal Boulevard - north of South Garrard Boulevard/West Ohio Avenue	20,700	20,832	28,800	28,932	0.0	1.5	0.0

Table 1 Project-Related Traffic Noise Level Increases

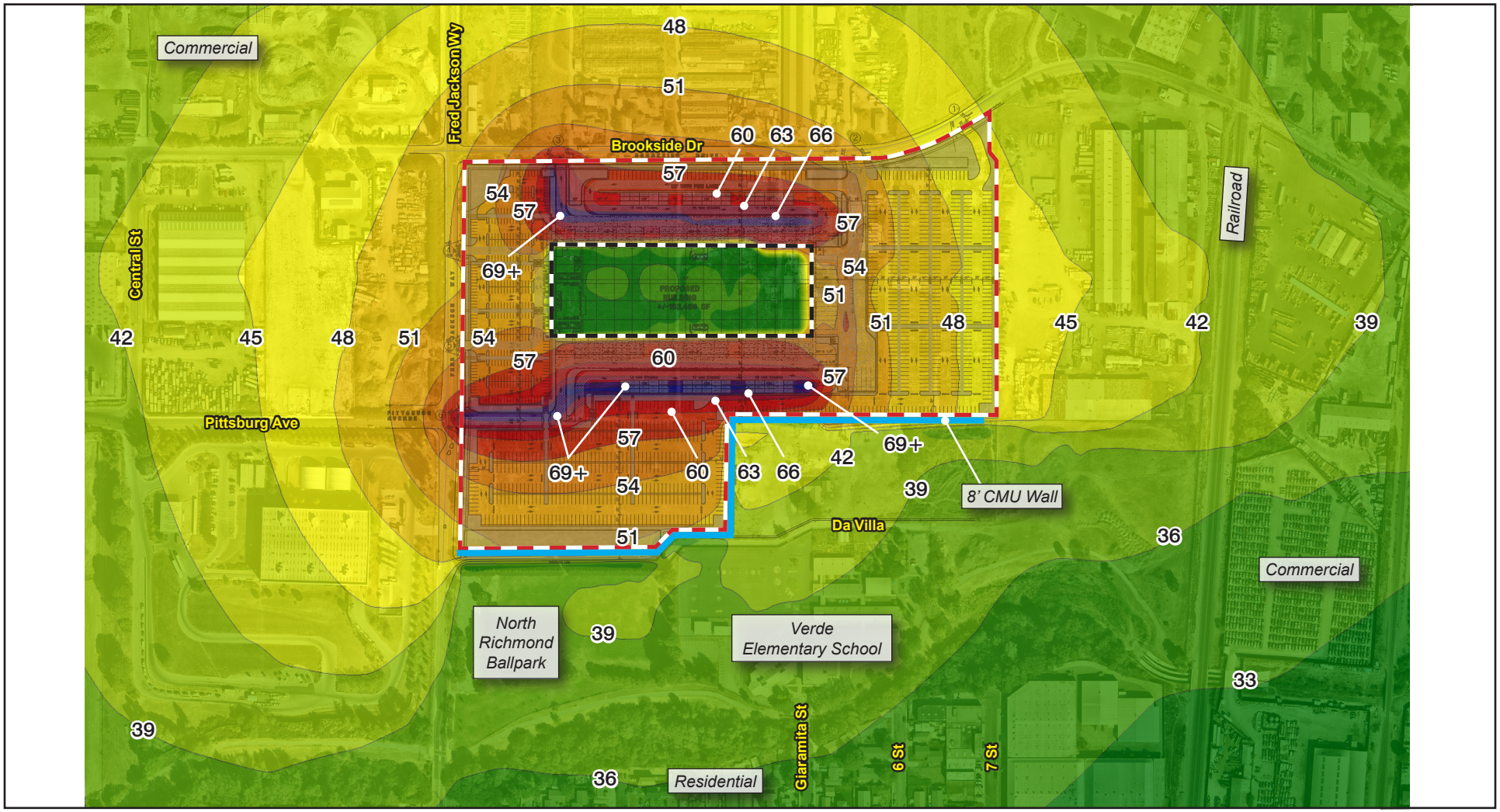
Roadway Segment	Traffic Volumes (ADT)				Traffic Noise Increase (dBA CNEL)		
	Existing	Existing Plus Project	Cumulative No Project	Cumulative Plus Project	Project Noise Increase	Cumulative Noise Increase	Project Cumulative Contribution
Richmond Parkway/Canal Boulevard - south of South Garrard Boulevard/West Ohio Avenue	18,650	18,782	26,645	26,777	0.0	1.6	0.0
South Garrard Boulevard/West Ohio Avenue - east of Richmond Parkway/Canal Boulevard	3,050	3,050	4,605	4,605	0.0	1.8	0.0
South Garrard Boulevard/West Ohio Avenue - west of Richmond Parkway/Canal Boulevard	3,500	3,500	4,950	4,950	0.0	1.5	0.0
Canal Boulevard - north of I-580 WB Ramps	19,250	19,382	26,645	26,777	0.0	1.4	0.0
Canal Boulevard - south of I-580 WB Ramps	14,850	14,878	20,150	20,178	0.0	1.3	0.0
I-580 WB Ramps - east of Canal Boulevard	5,950	6,054	8,595	8,699	0.1	1.6	0.1
I-580 WB Ramps - west of Canal Boulevard	3,650	3,650	4,800	4,800	0.0	1.2	0.0
Canal Boulevard - north of I-580 EB Ramps	14,600	14,628	20,150	20,178	0.0	1.4	0.0
Canal Boulevard - south of I-580 EB Ramps	8,900	8,900	12,050	12,050	0.0	1.3	0.0
I-580 EB Ramps - east of Canal Boulevard	7,700	7,728	10,550	10,578	0.0	1.4	0.0
I-580 EB Ramps - west of Canal Boulevard	7,200	7,200	9,750	9,750	0.0	1.3	0.0
Castro Street - north of I-580 WB Ramps	16,100	16,441	22,360	22,701	0.1	1.5	0.1
Castro Street - south of I-580 WB Ramps	13,400	13,549	17,915	18,064	0.0	1.3	0.0
I-580 WB Ramps - east of Castro Street	5,800	5,992	8,495	8,687	0.1	1.8	0.1
I-580 WB Ramps - west of Castro Street	2,100	2,100	2,950	2,950	0.0	1.5	0.0
Fred Jackson Way - north of Brookside Drive	4,750	4,934	6,080	6,264	0.2	1.2	0.1
Fred Jackson Way - south of Brookside Drive	5,850	5,957	7,430	7,537	0.1	1.1	0.1
Brookside Drive - east of Fred Jackson Way	2,400	2,477	3,250	3,327	0.1	1.4	0.1
Brookside Drive - west of Fred Jackson Way	800	800	1,400	1,400	0.0	2.4	0.0
Fred Jackson Way - north of Pittsburg Avenue	5,950	6,211	7,480	7,741	0.2	1.1	0.1
Fred Jackson way - south of Pittsburg Avenue	5,300	5,309	6,730	6,739	0.0	1.0	0.0
Pittsburg Avenue - west of Fred Jackson Way	1,950	2,454	2,750	3,254	1.0	2.2	0.7
Fred Jackson Way - north of Market Avenue	5,450	5,459	7,280	7,289	0.0	1.3	0.0
Fred Jackson way - south of Market Avenue	4,500	4,500	6,055	6,055	0.0	1.3	0.0
Market Avenue - east of Fred Jackson Way	2,550	2,559	3,775	3,784	0.0	1.7	0.0

Table 1 Project-Related Traffic Noise Level Increases

Roadway Segment	Traffic Volumes (ADT)				Traffic Noise Increase (dBA CNEL)		
	Existing	Existing Plus Project	Cumulative No Project	Cumulative Plus Project	Project Noise Increase	Cumulative Noise Increase	Project Cumulative Contribution
Market Avenue - west of Fred Jackson Way	2,300	2,300	3,150	3,150	0.0	1.4	0.0
Goodrick Avenue - north of Parr Boulevard	3,350	3,526	4,200	4,376	0.2	1.2	0.2
Parr Boulevard - east of Goodrick Avenue	4,650	4,650	5,975	5,975	0.0	1.1	0.0
Parr Boulevard - west of Goodrick Avenue	7,100	7,276	8,775	8,951	0.1	1.0	0.1
Rumrill Boulevard - north of Brookside Drive	19,400	19,439	23,900	23,939	0.0	0.9	0.0
Rumrill Boulevard - south of Brookside Drive	21,650	21,693	26,650	26,693	0.0	0.9	0.0
Brookside Drive - east of Rumrill Boulevard	2,700	2,700	3,550	3,550	0.0	1.2	0.0
One-Building Project Maximum Noise Increase	**-**	**-**	**-**	**-**	**1.0**	**4.6**	**0.7**

Source: Traffic data provided by Kittelson & Associates, 2021.

Figure 2 - Project Operational Noise Contours



Source: PlaceWorks, SoundPlan, Site Plan: HPA Architecture, and ESRI, 2020

Fundamentals of Noise

NOISE

Noise is most often defined as unwanted sound; whether it is loud, unpleasant, unexpected, or otherwise undesirable. Although sound can be easily measured, the perception of noise and the physical response to sound complicate the analysis of its impact on people. People judge the relative magnitude of sound sensation in subjective terms such as "noisiness" or "loudness."

Noise Descriptors

The following are brief definitions of terminology used in this chapter:

- **Sound.** A disturbance created by a vibrating object, which, when transmitted by pressure waves through a medium such as air, is capable of being detected by a receiving mechanism, such as the human ear or a microphone.

- **Noise.** Sound that is loud, unpleasant, unexpected, or otherwise undesirable.

- **Decibel (dB).** A unitless measure of sound, expressed on a logarithmic scale and with respect to a defined reference sound pressure. The standard reference pressure is 20 micropascals (20 μPa).

- **A-Weighted Decibel (dBA).** An overall frequency-weighted sound level in decibels that approximates the frequency response of the human ear.

- **Equivalent Continuous Noise Level (L_{eq}); also called the Energy-Equivalent Noise Level.** The value of an equivalent, steady sound level which, in a stated time period (often over an hour) and at a stated location, has the same A-weighted sound energy as the time-varying sound. Thus, the L_{eq} metric is a single numerical value that represents the equivalent amount of variable sound energy received by a receptor over the specified duration.

- **Statistical Sound Level (L_n).** The sound level that is exceeded "n" percent of time during a given sample period. For example, the L_{50} level is the statistical indicator of the time-varying noise signal that is exceeded 50 percent of the time (during each sampling period); that is, half of the sampling time, the changing noise levels are above this value and half of the time they are below it. This is called the "median sound level." The L_{10} level, likewise, is the value that is exceeded 10 percent of the time (i.e., near the maximum) and this is often known as the "intrusive sound level." The L_{90} is the sound level exceeded 90 percent of the time and is often considered the "effective background level" or "residual noise level."

- **Maximum Sound Level (L_{max})**. The highest RMS sound level measured during the measurement period.
- **Root Mean Square Sound Level (RMS).** The square root of the average of the square of the sound pressure over the measurement period.

- **Day-Night Sound Level (L_{dn} or DNL).** The energy-average of the A-weighted sound levels occurring during a 24-hour period, with 10 dB added to the sound levels occurring during the period from 10:00 PM to 7:00 AM.

- **Community Noise Equivalent Level (CNEL).** The energy average of the A-weighted sound levels occurring during a 24-hour period, with 5 dB added from 7:00 PM to 10:00 PM and 10 dB from 10:00 PM to 7:00 AM. NOTE: For general community/environmental noise, CNEL and L_{dn} values rarely differ by more than 1 dB (with the CNEL being only slightly more restrictive – that is, higher than the L_{dn} value). As a matter of practice, L_{dn} and CNEL values are interchangeable and are treated as equivalent in this assessment.

- **Sensitive Receptor.** Noise- and vibration-sensitive receptors include land uses where quiet environments are necessary for enjoyment and public health and safety. Residences, schools, motels and hotels, libraries, religious institutions, hospitals, and nursing homes are examples.

Characteristics of Sound

When an object vibrates, it radiates part of its energy in the form of a pressure wave. Sound is that pressure wave transmitted through the air. Technically, airborne sound is a rapid fluctuation or oscillation of air pressure above and below atmospheric pressure that creates sound waves.

Sound can be described in terms of amplitude (loudness), frequency (pitch), or duration (time). Loudness or amplitude is measured in dB, frequency or pitch is measured in Hertz [Hz] or cycles per second, and duration or time variations is measured in seconds or minutes.

Amplitude

Unlike linear units such as inches or pounds, decibels are measured on a logarithmic scale. Because of the physical characteristics of noise transmission and perception, the relative loudness of sound does not closely match the actual amounts of sound energy. Table 1 presents the subjective effect of changes in sound pressure levels. Ambient sounds generally range from 30 dBA (very quiet) to 100 dBA (very loud). Changes of 1 to 3 dB are detectable under quiet, controlled conditions, and changes of less than 1 dB are usually not discernible (even under ideal conditions). A 3 dB change in noise levels is considered the minimum change that is detectable with human hearing in outside environments. A change of 5 dB is readily discernible to most people in an exterior environment, and a 10 dB change is perceived as a doubling (or halving) of the sound.

Table 1 Noise Perceptibility

Change in dB	Noise Level
± 3 dB	Barely perceptible increase
± 5 dB	Readily perceptible increase
± 10 dB	Twice or half as loud
± 20 dB	Four times or one-quarter as loud

Source: California Department of Transportation (Caltrans). 2013, September. Technical Noise Supplement ("TeNS").

Frequency

The human ear is not equally sensitive to all frequencies. Sound waves below 16 Hz are not heard at all, but are "felt" more as a vibration. Similarly, though people with extremely sensitive hearing can hear sounds as high as 20,000 Hz, most people cannot hear above 15,000 Hz. In all cases, hearing acuity falls off rapidly above about 10,000 Hz and below about 200 Hz.

When describing sound and its effect on a human population, A-weighted (dBA) sound levels are typically used to approximate the response of the human ear. The A-weighted noise level has been found to correlate well with people's judgments of the "noisiness" of different sounds and has been used for many years as a measure of community and industrial noise. Although the A-weighted scale and the energy-equivalent metric are commonly used to quantify the range of human response to individual events or general community sound levels, the degree of annoyance or other response also depends on several other perceptibility factors, including:

- Ambient (background) sound level
- General nature of the existing conditions (e.g., quiet rural or busy urban)
- Difference between the magnitude of the sound event level and the ambient condition
- Duration of the sound event
- Number of event occurrences and their repetitiveness
- Time of day that the event occurs

Duration

Time variation in noise exposure is typically expressed in terms of a steady-state energy level equal to the energy content of the time varying period (called L_{eq}), or alternately, as a statistical description of the sound level that is exceeded over some fraction of a given observation period. For example, the L_{50} noise level represents the noise level that is exceeded 50 percent of the time; half the time the noise level exceeds this level and half the time the noise level is less than this level. This level is also representative of the level that is exceeded 30 minutes in an hour. Similarly, the L_2, L_8 and L_{25} values represent the noise levels that are exceeded 2, 8, and 25 percent of the time or 1, 5, and 15 minutes per hour, respectively. These "n" values are typically used to demonstrate compliance for stationary noise sources with many cities' noise ordinances. Other values typically noted during a noise survey are the L_{min} and L_{max}. These values represent the minimum and maximum root-mean-square noise levels obtained over the measurement period, respectively.

Because community receptors are more sensitive to unwanted noise intrusion during the evening and at night, state law and many local jurisdictions use an adjusted 24-hour noise descriptor called the Community Noise Equivalent Level (CNEL) or Day-Night Noise Level (L_{dn}). The CNEL descriptor requires that an artificial increment (or "penalty") of 5 dBA be added to the actual noise level for the hours from 7:00 PM to 10:00 PM and 10 dBA for the hours from 10:00 PM to 7:00 AM. The L_{dn} descriptor uses the same methodology except that there is no artificial increment added to the hours between 7:00 PM and 10:00 PM. Both descriptors give roughly the same 24-hour level, with the CNEL being only slightly more restrictive (i.e., higher). The CNEL or L_{dn} metrics are commonly applied to the assessment of roadway and airport-related noise sources.

Sound Propagation

Sound dissipates exponentially with distance from the noise source. This phenomenon is known as "spreading loss." For a single-point source, sound levels decrease by approximately 6 dB for each doubling of distance from the source (conservatively neglecting ground attenuation effects, air absorption factors, and barrier shielding). For example, if a backhoe at 50 feet generates 84 dBA, at 100 feet the noise level would be 79 dBA, and at 200 feet it would be 73 dBA. This drop-off rate is appropriate for noise generated by on-site operations from stationary equipment or activity at a project site. If noise is produced by a line source, such as highway traffic, the sound decreases by 3 dB for each doubling of distance over a reflective ("hard site") surface such as concrete or asphalt. Line source noise in a relatively flat environment with ground-level absorptive vegetation decreases by an additional 1.5 dB for each doubling of distance.

Psychological and Physiological Effects of Noise

Physical damage to human hearing begins at prolonged exposure to noise levels higher than 85 dBA. Exposure to high noise levels affects the entire system, with prolonged noise exposure in excess of 75 dBA increasing body tensions, thereby affecting blood pressure and functions of the heart and the nervous system. Extended periods of noise exposure above 90 dBA results in permanent cell damage, which is the main driver for employee hearing protection regulations in the workplace. For community environments, the ambient or background noise problem is widespread, through generally worse in urban areas than in outlying, less-developed areas. Elevated ambient noise levels can result in noise interference (e.g., speech interruption/masking, sleep disturbance, disturbance of concentration) and cause annoyance. Since most people do not routinely work with decibels or A-weighted sound levels, it is often difficult to appreciate what a given sound pressure level number means. To help relate noise level values to common experience, Table 2 shows typical noise levels from familiar sources.

Table 2 Typical Noise Levels

Common Outdoor Activities	Noise Level (dBA)	Common Indoor Activities
Onset of physical discomfort	120+	
	110	Rock Band (near amplification system)
Jet Flyover at 1,000 feet		
	100	
Gas Lawn Mower at three feet		
	90	
Diesel Truck at 50 feet, at 50 mph		Food Blender at 3 feet
	80	Garbage Disposal at 3 feet
Noisy Urban Area, Daytime		
	70	Vacuum Cleaner at 10 feet
Commercial Area		Normal speech at 3 feet
Heavy Traffic at 300 feet	60	
		Large Business Office
Quiet Urban Daytime	50	Dishwasher Next Room
Quiet Urban Nighttime	40	Theater, Large Conference Room (background)
Quiet Suburban Nighttime		
	30	Library
Quiet Rural Nighttime		Bedroom at Night, Concert Hall (background)
	20	
		Broadcast/Recording Studio
	10	
Lowest Threshold of Human Hearing	0	Lowest Threshold of Human Hearing

Source: California Department of Transportation (Caltrans). 2013, September. Technical Noise Supplement ("TeNS").

TRAFFIC NOISE INCREASE CALCULATIONS

ADT Turning Movement Estimate

North	South	INTID	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR	sum
Richmond Parkway	I-80 WB Ramps-Blume Drive	1	1350	800	4800	850	2950	8500	1950	10000	1550	1800	3350	1900	39800
Richmond Parkway	San Pablo Avenue	2	350	6300	700	1850	5600	4250	4100	10650	300	950	8500	3150	46700
Richmond Parkway	Atlas Road	3	750	300	1400	2150	550	1050	600	11500	1700	650	9700	2750	33100
Richmond Parkway	Hilltop Drive	4	1850	450	850	400	700	500	200	12550	6150	450	10750	300	35150
Richmond Parkway	Goodrick Avenue	5	150	100	3450	150	100	100	100	14550	150	800	12500	200	32350
Richmond Parkway	Parr Boulevard	6	350	14100	1250	200	12200	350	250	200	250	1100	150	150	30550
Fred Jackson Way	Parr Boulevard	7	200	0	3650	0	0	0	0	1600	250	650	1200	0	7550
Richmond Parkway	Pittsburg Avenue	8	100	15250	800	300	13050	200	150	100	150	600	100	300	31100
Richmond Parkway	Gertrude Avenue	9	350	15350	1800	350	13100	200	350	150	300	850	100	450	33350
Castro Street	Hensley Street	10	50	12250	1850	100	6500	0	0	100	100	500	50	100	21600
Richmond Parkway	Hensley Street	11	250	6750	2450	350	7150	200	550	1550	500	1750	300	250	22050
Richmond Parkway	West Barrett Avenue	12	0	8600	2050	1400	8000	0	0	0	0	1450	0	850	22350
Richmond Parkway	West Macdonald Avenue	13	0	9800	1250	700	8750	0	0	0	0	900	0	850	22250
Richmond Pkwy-Canal Bld	S. Garrard Blvd-W. Ohio Avenue	14	450	9400	700	950	7450	1250	1100	250	250	400	200	550	22950
Canal Boulevard	I-580 WB Ramps	15	800	6500	0	0	6400	2200	0	0	0	1150	650	4150	21850
Canal Boulevard	I-580 EB Ramps	16	0	2350	2000	4550	3100	0	4600	1150	1450	0	0	0	19200
Castro Street	I-580 WB Ramps	17	250	6750	150	2350	4500	400	550	150	450	1300	300	1550	18700
Fred Jackson Way	Brookside Drive	18	100	3300	950	100	700	100	200	200	100	700	100	350	6900
Fred Jackson Way	Pittsburg Avenue	19	250	3600	0	0	1050	550	750	0	400	0	0	0	6600
Fred Jackson Way	Market Avenue	20	150	2300	400	450	950	200	1100	500	150	550	200	450	7400
Goodrick Avenue	Parr Boulevard	21	0	0	0	250	0	550	2350	2900	0	0	1300	200	7550
Rumrill Boulevard	Brookside Drive	22	1350	9700	350	200	7700	550	900	550	1900	650	600	350	24800
		sum	9100	133950	30850	17650	110500	21150	19800	68650	16100	17200	50050	18850	513850

ADT Turning Movement Estimate

North	South	INTID	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR	sum
Richmond Parkway	I-80 WB Ramps-Blume Drive	1	1350	800	4800	850	2950	8612	1950	10040	1550	1800	3360	1900	39962
Richmond Parkway	San Pablo Avenue	2	350	6302	708	1850	5610	4275	4107	10681	300	975	8597	3150	46905
Richmond Parkway	Atlas Road	3	751	300	1400	2150	550	1052	602	11538	1702	650	9822	2750	33267
Richmond Parkway	Hilltop Drive	4	1853	450	850	400	700	500	200	12592	6154	450	10877	300	35324
Richmond Parkway	Goodrick Avenue	5	150	100	3491	150	100	100	100	14555	150	894	12504	200	32494
Richmond Parkway	Parr Boulevard	6	350	14100	1250	204	12200	350	250	200	250	1100	150	155	30559
Fred Jackson Way	Parr Boulevard	7	205	0	3691	0	0	0	0	1600	254	785	1200	0	7734
Richmond Parkway	Pittsburg Avenue	8	100	15250	1185	300	13050	200	150	100	150	719	100	300	31604
Richmond Parkway	Gertrude Avenue	9	350	15735	1800	350	13219	200	350	150	300	850	100	450	33854
Castro Street	Hensley Street	10	50	12507	1850	100	6584	0	0	100	100	500	50	100	21941
Richmond Parkway	Hensley Street	11	250	6878	2450	350	7184	200	550	1550	500	1750	300	250	22213
Richmond Parkway	West Barrett Avenue	12	0	8716	2050	1403	8031	0	0	0	0	1450	0	862	22513
Richmond Parkway	West Macdonald Avenue	13	0	9904	1250	703	8778	0	0	0	0	900	0	862	22397
Richmond Pkwy-Canal Bld	S. Garrard Blvd-W. Ohio Avenue	14	450	9504	700	950	7478	1250	1100	250	250	400	200	550	23082
Canal Boulevard	I-580 WB Ramps	15	800	6500	0	0	6428	2200	0	0	0	1150	650	4254	21982
Canal Boulevard	I-580 EB Ramps	16	0	2350	2000	4578	3100	0	4600	1150	1450	0	0	0	19228
Castro Street	I-580 WB Ramps	17	250	6843	150	2378	4556	400	550	150	450	1300	300	1714	19041
Fred Jackson Way	Brookside Drive	18	100	3343	950	175	764	100	200	200	100	700	100	352	7084
Fred Jackson Way	Pittsburg Avenue	19	250	3602	4	0	1053	609	947	189	400	0	59	0	7113
Fred Jackson Way	Market Avenue	20	150	2300	400	453	950	200	1100	500	150	550	200	456	7409
Goodrick Avenue	Parr Boulevard	21	0	0	0	250	0	685	2391	2900	0	0	1300	200	7725
Rumrill Boulevard	Brookside Drive	22	1385	9700	350	200	7700	579	910	550	1908	650	600	350	24882
		sum	9143	135184	31329	17795	110986	21512	20056	68994	16118	17572	50470	19155	518314
															4464
															0

ADT Turning Movement Estimate

North	South	INTID	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR	sum
Richmond Parkway	I-80 WB Ramps-Blume Drive	1	1800	1050	6200	1150	4000	12120	2650	13450	2150	2400	4520	2450	53940
Richmond Parkway	San Pablo Avenue	2	500	8000	1000	2550	7700	6055	5895	15850	400	1300	13240	4000	66490
Richmond Parkway	Atlas Road	3	920	400	1800	2800	750	1570	870	17545	2270	950	15195	3650	48720
Richmond Parkway	Hilltop Drive	4	2490	650	1150	550	1000	650	350	18985	8790	650	16585	450	52300
Richmond Parkway	Goodrick Avenue	5	250	200	4900	400	200	350	400	21225	250	1100	16925	450	46650
Richmond Parkway	Parr Boulevard	6	500	20650	3185	925	16100	500	400	600	350	2815	500	825	47350
Fred Jackson Way	Parr Boulevard	7	380	0	4300	0	0	0	0	1950	400	900	1625	0	9555
Richmond Parkway	Pittsburg Avenue	8	200	23335	1600	750	18215	300	250	200	250	1250	200	750	47300
Richmond Parkway	Gertrude Avenue	9	500	23885	2650	595	18770	350	550	250	450	1150	200	700	50050
Castro Street	Hensley Street	10	100	17585	2450	200	9575	0	0	200	200	650	100	200	31260
Richmond Parkway	Hensley Street	11	350	9950	3300	450	9845	300	750	2100	700	2350	400	350	30845
Richmond Parkway	West Barrett Avenue	12	0	12310	2750	1885	11010	0	0	0	0	1950	0	1290	31195
Richmond Parkway	West Macdonald Avenue	13	0	13825	1750	1035	11925	0	0	0	0	1300	0	1235	31070
Richmond Pkwy-Canal Bld	S. Garrard Blvd-W. Ohio Avenue	14	600	13295	950	1275	10300	1650	1500	350	550	950	300	780	32500
Canal Boulevard	I-580 WB Ramps	15	1050	8650	0	0	8900	2900	0	0	0	1550	850	6195	30095
Canal Boulevard	I-580 EB Ramps	16	0	3450	2600	6450	4000	0	6250	1500	2000	0	0	0	26250
Castro Street	I-580 WB Ramps	17	350	9170	200	3330	5895	500	800	250	650	1650	400	2665	25860
Fred Jackson Way	Brookside Drive	18	200	3980	1150	200	950	200	300	300	200	950	200	450	9080
Fred Jackson Way	Pittsburg Avenue	19	400	4280	0	0	1450	750	1000	0	600	0	0	0	8480
Fred Jackson Way	Market Avenue	20	250	2805	550	750	1400	300	1350	700	250	800	300	675	10130
Goodrick Avenue	Parr Boulevard	21	0	0	0	400	0	750	2750	3500	0	0	1775	300	9475
Rumrill Boulevard	Brookside Drive	22	1700	11850	450	300	9450	700	1150	700	2350	850	800	450	30750
		sum	12540	189320	42935	25995	151435	29945	27215	99655	22810	25515	74115	27865	729345

ADT Turning Movement Estimate

North	South	INTID	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR	sum
Richmond Parkway	I-80 WB Ramps-Blume Drive	1	1800	1050	6200	1150	4000	12232	2650	13490	2150	2400	4530	2450	54102
Richmond Parkway	San Pablo Avenue	2	500	8002	1008	2550	7710	6080	5902	15881	400	1325	13337	4000	66695
Richmond Parkway	Atlas Road	3	921	400	1800	2800	750	1572	872	17583	2272	950	15317	3650	48887
Richmond Parkway	Hilltop Drive	4	2493	650	1150	550	1000	650	350	19027	8794	650	16712	450	52474
Richmond Parkway	Goodrick Avenue	5	250	200	4941	400	200	350	400	21230	250	1194	16929	450	46794
Richmond Parkway	Parr Boulevard	6	500	20650	3185	929	16100	500	400	600	350	2815	500	830	47359
Fred Jackson Way	Parr Boulevard	7	385	0	4341	0	0	0	0	1950	404	1035	1625	0	9739
Richmond Parkway	Pittsburg Avenue	8	200	23335	1985	750	18215	300	250	200	250	1369	200	750	47804
Richmond Parkway	Gertrude Avenue	9	500	24270	2650	595	18889	350	550	250	450	1150	200	700	50554
Castro Street	Hensley Street	10	100	17842	2450	200	9659	0	0	200	200	650	100	200	31601
Richmond Parkway	Hensley Street	11	350	10078	3300	450	9879	300	750	2100	700	2350	400	350	31008
Richmond Parkway	West Barrett Avenue	12	0	12426	2750	1888	11041	0	0	0	0	1950	0	1302	31358
Richmond Parkway	West Macdonald Avenue	13	0	13929	1750	1038	11953	0	0	0	0	1300	0	1247	31217
Richmond Pkwy-Canal Bld	S. Garrard Blvd-W. Ohio Avenue	14	600	13399	950	1275	10328	1650	1500	350	550	950	300	780	32632
Canal Boulevard	I-580 WB Ramps	15	1050	8650	0	0	8928	2900	0	0	0	1550	850	6299	30227
Canal Boulevard	I-580 EB Ramps	16	0	3450	2600	6478	4000	0	6250	1500	2000	0	0	0	26278
Castro Street	I-580 WB Ramps	17	350	9263	200	3358	5951	500	800	250	650	1650	400	2829	26201
Fred Jackson Way	Brookside Drive	18	200	4023	1150	275	1014	200	300	300	200	950	200	452	9264
Fred Jackson Way	Pittsburg Avenue	19	400	4282	4	0	1453	809	1197	189	600	0	59	0	8993
Fred Jackson Way	Market Avenue	20	250	2805	550	753	1400	300	1350	700	250	800	300	681	10139
Goodrick Avenue	Parr Boulevard	21	0	0	0	400	0	885	2791	3500	0	0	1775	300	9650
Rumrill Boulevard	Brookside Drive	22	1735	11850	450	300	9450	729	1160	700	2358	850	800	450	30832
		sum	12583	190554	43414	26140	151921	30307	27471	99999	22828	25887	74535	28170	733809
															4464

CPP-06

Traffic Noise Calculations

	ADT Volumes				dBA CNEL Increae		
Roadway Segment	Existing No Project	Existing Plus Project	Cumulative No Project	Cumulative Plus Project	Project Noise Increase	Cumulative Increase	Project Cumulative Contribution
Richmond Parkway - north of I-80 WB Ramps-Blume Drive	16,950	17,062	23,420	23,532	0.0	1.4	0.0
Richmond Parkway - south of I-80 WB Ramps-Blume Drive	13,250	13,250	17,600	17,600	0.0	1.2	0.0
I-80 WB Ramps-Blume Drive - east of Richmond Parkway	22,700	22,750	30,170	30,220	0.0	1.2	0.0
I-80 WB Ramps-Blume Drive - west of Richmond Parkway	26,700	26,862	36,690	36,852	0.0	1.4	0.0
Richmond Parkway - north of San Pablo Avenue	25,250	25,294	34,200	34,244	0.0	1.3	0.0
Richmond Parkway - south of San Pablo Avenue	14,200	14,245	18,900	18,945	0.0	1.3	0.0
San Pablo Avenue - east of Richmond Parkway	25,800	25,961	37,940	38,101	0.0	1.7	0.0
San Pablo Avenue - west of Richmond Parkway	28,150	28,310	41,940	42,100	0.0	1.7	0.0
Richmond Parkway - north of Atlas Road	7,400	7,404	10,040	10,044	0.0	1.3	0.0
Richmond Parkway - south of Atlas Road	5,350	5,353	7,090	7,093	0.0	1.2	0.0
Atlas Road - east of Richmond Parkway	28,150	28,310	41,940	42,100	0.0	1.7	0.0
Atlas Road - west of Richmond Parkway	25,300	25,467	38,370	38,537	0.0	1.8	0.0
Richmond Parkway - north of Hilltop Drive	2,550	2,550	3,650	3,650	0.0	1.6	0.0
Richmond Parkway - south of Hilltop Drive	10,450	10,457	14,730	14,737	0.0	1.5	0.0
Hilltop Drive - east of Richmond Parkway	25,300	25,469	38,370	38,539	0.0	1.8	0.0
Hilltop Drive - west of Richmond Parkway	32,000	32,176	47,850	48,026	0.0	1.8	0.0
Richmond Parkway - north of Goodrick Avenue	750	750	2,000	2,000	0.0	4.3	0.0
Richmond Parkway - south of Goodrick Avenue	4,750	4,885	6,900	7,035	0.1	1.7	0.1
Goodrick Avenue - north of Richmond Parkway	31,650	31,794	45,000	45,144	0.0	1.5	0.0
Goodrick Avenue - south of Richmond Parkway	27,550	27,559	39,400	39,409	0.0	1.6	0.0
Richmond Parkway - north of Parr Boulevard	27,250	27,259	39,400	39,409	0.0	1.6	0.0
Richmond Parkway - south of Parr Boulevard	29,250	29,250	43,600	43,600	0.0	1.7	0.0
Parr Boulevard - east of Richmond Parkway	3,050	3,059	8,850	8,859	0.0	4.6	0.0
Parr Boulevard - west of Richmond Parkway	1,550	1,550	2,850	2,850	0.0	2.6	0.0
Fred Jackson Way - south of Parr Boulevard	4,750	4,935	5,980	6,165	0.2	1.1	0.1
Parr Boulevard - east of Fred Jackson Way	7,100	7,276	8,775	8,951	0.1	1.0	0.1
Parr Boulevard - west of Fred Jackson Way	3,250	3,259	4,355	4,364	0.0	1.3	0.0
Richmond Parkway - north of Pittsburg Avenue	29,250	29,250	43,600	43,600	0.0	1.7	0.0
Richmond Parkway - south of Pittsburg Avenue	29,950	30,454	44,850	45,354	0.1	1.8	0.0
Pittsburg Avenue - east of Richmond Parkway	2,200	2,704	4,750	5,254	0.9	3.8	0.4
Pittsburg Avenue - west of Richmond Parkway	800	800	1,400	1,400	0.0	2.4	0.0
Richmond Parkway - north of Gertrude Avenue	29,800	30,304	44,850	45,354	0.1	1.8	0.0
Richmond Parkway - south of Gertrude Avenue	31,750	32,254	47,405	47,909	0.1	1.8	0.0
Gertrude Avenue - east of Richmond Parkway	3,700	3,700	5,545	5,545	0.0	1.8	0.0
Gertrude Avenue - west of Richmond Parkway	1,450	1,450	2,300	2,300	0.0	2.0	0.0
Castro Street - north of Hensley Street	18,950	19,291	27,560	27,901	0.1	1.7	0.1
Castro Street - south of Hensley Street	21,250	21,591	30,560	30,901	0.1	1.6	0.0
Hensley Street - east of Castro Street	2,700	2,700	3,800	3,800	0.0	1.5	0.0

Hensley Street - west of Castro Street	300	300	600	600	0.0	3.0	0.0
Richmond Parkway - north of Hensley Street	15,250	15,412	21,645	21,807	0.0	1.6	0.0
Richmond Parkway - south of Hensley Street	18,850	19,012	26,495	26,657	0.0	1.5	0.0
Hensley Street - east of Richmond Parkway	6,650	6,650	8,950	8,950	0.0	1.3	0.0
Hensley Street - west of Richmond Parkway	3,350	3,350	4,600	4,600	0.0	1.4	0.0
Richmond Parkway - north of West Barrett Avenue	18,850	19,012	26,495	26,657	0.0	1.5	0.0
Richmond Parkway - south of West Barret Avenue	20,100	20,247	28,020	28,167	0.0	1.5	0.0
West Barrett Avenue - east of Richmond Parkway	5,750	5,765	7,875	7,890	0.0	1.4	0.0
Richmond Parkway - north of West Macdonald Avenue	20,100	20,247	28,020	28,167	0.0	1.5	0.0
Richmond Parkway - south of West Macdonald Avenue	20,700	20,832	28,800	28,932	0.0	1.5	0.0
West Macdonald Avenue east of Richmond Parkway	3,700	3,715	5,320	5,335	0.0	1.6	0.0
Richmond Parkway/Canal Boulevard - north of South Garrard Boulevard/W	20,700	20,832	28,800	28,932	0.0	1.5	0.0
Richmond Parkway/Canal Boulevard - south of South Garrard Boulevard/W	18,650	18,782	26,645	26,777	0.0	1.6	0.0
South Garrard Boulevard/West Ohio Avenue - east of Richmond Parkway/	3,050	3,050	4,605	4,605	0.0	1.8	0.0
South Garrard Boulevard/West Ohio Avenue - west of Richmond Parkway,	3,500	3,500	4,950	4,950	0.0	1.5	0.0
Canal Boulevard - north of I-580 WB Ramps	19,250	19,382	26,645	26,777	0.0	1.4	0.0
Canal Boulevard - south of I-580 WB Ramps	14,850	14,878	20,150	20,178	0.0	1.3	0.0
I-580 WB Ramps - east of Canal Boulevard	5,950	6,054	8,595	8,699	0.1	1.6	0.1
I-580 WB Ramps - west of Canal Boulevard	3,650	3,650	4,800	4,800	0.0	1.2	0.0
Canal Boulevard - north of I-580 EB Ramps	14,600	14,628	20,150	20,178	0.0	1.4	0.0
Canal Boulevard - south of I-580 EB Ramps	8,900	8,900	12,050	12,050	0.0	1.3	0.0
I-580 EB Ramps - east of Canal Boulevard	7,700	7,728	10,550	10,578	0.0	1.4	0.0
I-580 EB Ramps - west of Canal Boulevard	7,200	7,200	9,750	9,750	0.0	1.3	0.0
Castro Street - north of I-580 WB Ramps	16,100	16,441	22,360	22,701	0.1	1.5	0.1
Castro Street - south of I-580 WB Ramps	13,400	13,549	17,915	18,064	0.0	1.3	0.0
I-580 WB Ramps - east of Castro Street	5,800	5,992	8,495	8,687	0.1	1.8	0.1
I-580 WB Ramps - west of Castro Street	2,100	2,100	2,950	2,950	0.0	1.5	0.0
Fred Jackson Way - north of Brookside Drive	4,750	4,934	6,080	6,264	0.2	1.2	0.1
Fred Jackson Way - south of Brookside Drive	5,850	5,957	7,430	7,537	0.1	1.1	0.1
Brookside Drive - east of Fred Jackson Way	2,400	2,477	3,250	3,327	0.1	1.4	0.1
Brookside Drive - west of Fred Jackson Way	800	800	1,400	1,400	0.0	2.4	0.0
Fred Jackson Way - north of Pittsburg Avenue	5,950	6,211	7,480	7,741	0.2	1.1	0.1
Fred Jackson way - south of Pittsburg Avenue	5,300	5,309	6,730	6,739	0.0	1.0	0.0
Pittsburg Avenue - west of Fred Jackson Way	1,950	2,454	2,750	3,254	1.0	2.2	0.7
Fred Jackson Way - north of Market Avenue	5,450	5,459	7,280	7,289	0.0	1.3	0.0
Fred Jackson way - south of Marcket Avenue	4,500	4,500	6,055	6,055	0.0	1.3	0.0
Market Avenue - east of Fred Jackson Way	2,550	2,559	3,775	3,784	0.0	1.7	0.0
Market Avenue - west of Fred Jackson Way	2,300	2,300	3,150	3,150	0.0	1.4	0.0
Goodrick Avenue - north of Parr Boulevard	3,350	3,526	4,200	4,376	0.2	1.2	0.2
Parr Boulevard - east of Goodrick Avenue	4,650	4,650	5,975	5,975	0.0	1.1	0.0
Parr Boulevard - west of Goodrick Avenue	7,100	7,276	8,775	8,951	0.1	1.0	0.1
Rumrill Boulevard - north of Brookside Drive	19,400	19,439	23,900	23,939	0.0	0.9	0.0
Rumrill Boulevard - south of Brookside Drive	21,650	21,693	26,650	26,693	0.0	0.9	0.0

SOUNDPLAN OUTPUTS

Project description

Project title:	506 Brookside
Project No.:	CPP-06
Project engineer:	JDC
Customer:	CenterPoint Properties

Description:

Run description

Calculation type:	Single Point Sound	
Title:	Single Point	
Group		
Run file:	RunFile.runx	
Result number:		1
Local calculation (ThreadCount=12)		
Calculation start:		1/29/2021 11:52
Calculation end:		1/29/2021 11:52
Calculation time:	00:01:374 [m:s:ms]	
No. of points:		35
No. of calculated points:		35
Kernel version:	SoundPLAN 8.2 (1/28/2020) - 64 bit	

Run parameters

Reflection order:		3
Maximum reflection distance to receiver		200 m
Maximum reflection distance to source		50 m
Search radius		5000 m
Weighting:		dB(A)
Allowed tolerance (per individual source):	0.100 dB	
Create ground effect areas from road surfaces:		Yes

Standards:

Road:		TNM 2.5
Emission according to:		TNM 2.5
Air absorption:		ISO 9613-1
Side diffraction: disabled		
Allow changes (bugs) to be conform with TNM 2.5		
Environment:		
Air pressure		1013.3 mbar
rel. humidity		50.00%
Temperature		20.0 °C
Dissection parameters:		
Distance to diameter factor		8
Minimal distance		1 m
Attenuation		
Foliage:		ISO 9613-2
Built-up area:		ISO 9613-2
Industrial site:		ISO 9613-2
Industry:		ISO 9613-2: 1996
Air absorption:		ISO 9613-1
regular ground effect (chapter 7.3.1), for sources without a spectrum automatically alternative ground effect		
Limitation of screening loss:		
single/multiple		20.0 dB /25.0 dB
Side diffraction: Outdated method (side paths also around terrain)		
Use Eqn (Abar=Dz-Max(Agr,0)) instead of Eqn (12) (Abar=Dz-Agr) for insertion loss		
Environment:		
Air pressure		1013.3 mbar
rel. humidity		70.00%
Temperature		10.0 °C
Meteo. corr. C0(7-22h)[dB]=0.0; C0(22-7h)[dB]=0.0;		
Ignore Cmet for Lmax industry calculation:		No
Parameter for screening: C2=20.0		
Dissection parameters:		
Distance to diameter factor		8
Minimal distance		1 m
Max. difference ground effect + diffraction		1.0 dB
Max. number of iterations		4
Attenuation		
Foliage:		ISO 9613-2
Built-up area:		ISO 9613-2
Industrial site:		ISO 9613-2
Assessment:		CNEL (CA)
Reflection of "own" facade is suppressed		

Geometry data

Situation1.sit		1/29/2021 11:51
- contains:		
Receivers.geo		1/29/2021 11:51
Sources.geo		1/29/2021 11:47

Receiver	Usage	Fl	Dir	dB(A)	Lr,lim	dB(A	Lr,lim	dB(A	Lr,lim	dB(A	Ldn	dB(A)	Leq,d	dB(A	Leq,e	dB(A	Leq,n	dB(A	Ldn,diff	dB	Leq,d,diff		Leq,e,diff		Leq,n,diff	dB
R1	SCR	G									32.7		33.2		33.2		6.8									
R2	SCR	G									33.6		34.1		34.1		6.9									
R3	SCR	G									34.1		34.5		34.5		7.6									
R4	SCR	G									34.2		34.6		34.6		7.7									
R5	SCR	G									34.5		35		35		7.9									
R6	SCR	G									35.6		36		36		8.6									
R7	SCR	G									34.8		35.3		35.3		8.8									
R8	SCR	G									38.2		38.7		38.7		10.5									
R9	SCR	G									35.2		35.6		35.6		9.2									
R10	SCR	G									35.5		36		36		9									
R11	SCR	G									38		38.4		38.4		15.3									
R12	SCR	G									40		40.4		40.4		17.7									
R13	SCR	G									40.2		40.6		40.6		18.4									
R14	SCR	G									39.6		39.9		39.9		18.1									
R15	SCR	G									38.7		39.1		39.1		17.7									
R16	SCR	G									35.4		35.8		35.8		12.6									
R17	SCR	G									35.7		36.1		36.1		13.1									
R18	SCR	G									35.9		36.3		36.3		13.5									
R19	SCR	G									35.3		35.7		35.7		13.6									
R20	SCR	G									36.1		36.5		36.5		14.2									
R21	SCR	G									35.5		35.8		35.8		14.4									
R22	SCR	G									35.1		35.5		35.5		12									
R23	SCR	G									38.9		39.3		39.3		14.3									
R24	SCR	G									38.5		38.9		38.9		14.2									
R25	SCR	G									38.6		39		39		16.2									
R26	SCR	G									39.3		39.7		39.7		17.2									
R27 - bldg	SCR	G									39.4		39.8		39.8		17.6									
R28 - bldg	SCR	G									38.9		39.3		39.3		17.4									
R29	SCR	G									39.1		39.6		39.6		13.3									
R30	SCR	G									38.3		38.7		38.7		12.2									
R31	SCR	G									38.2		38.7		38.7		11.9									
R32	SCR	G									38.2		38.6		38.6		11.8									
R33	SCR	G									37.9		38.4		38.4		11.4									
R34	SCR	G									37.7		38.2		38.2		11.3									
R35	SCR	G									36.9		37.4		37.4		10.9									

J.4 - Single Warehouse Alternative – Level of Service Analysis

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KITTELSON & ASSOCIATES
155 GRAND AVENUE, SUITE 505
OAKLAND, CA 94612
P 510.839.1742 F 510.839.0871

TECHNICAL MEMORANDUM

Date:	July 1, 2021	Project #: 25515
To:	Ryan Kelleher, William Lu CenterPoint Properties 725 S. Figueroa Street, Suite 3005 Los Angeles, CA 90017	
From:	Damian Stefanakis, Miao Gao, Fernando Sotelo, Kittelson & Associates, Inc.	
Project:	North Richmond Gardens Traffic Analysis for 506 Brookside Drive	
Subject:	**Non-CEQA Analysis for Project Alternative - Revised**	

SUMMARY

The following level of service (LOS) analysis has been prepared to determine and evaluate the potential non-CEQA operational deficiencies associated with the proposed Project Alternative at 506 Brookside Drive in unincorporated Richmond, CA. The Project Alternative consists of 165,456 square feet of delivery warehousing and 18,000 square feet of office, for a total of 183,456 square feet.

This memorandum documents the trip generation, trips distribution, trip assignment and level of service (LOS) analysis for the project alternative based on the most recent Contra Costa County Transportation Analysis Guidelines, dated June 23, 2020. The following summarizes the project characteristics in terms of level of service. This memorandum references the proposed project in the Traffic Study for DEIR.

INTERSECTION SUBSTANTIAL ADVERSE EFFECT CRITERIA

The determination of whether the project results in a substantial adverse effect at a study location is based on applicable policies, regulations, goals, and guidelines defined by Contra Costa County. The detailed intersection operations substantial adverse effect criteria for this study are presented below.

Signalized Intersections

The project would result in a substantial adverse effect if one of the two following criteria are met:

- The addition of project traffic to an intersection results in the degradation of intersection operations from acceptable operations (LOS D or better) to unacceptable operations (LOS E or LOS F)

- The addition of project traffic to an intersection results in the exacerbation of unacceptable operations (LOS E or F) by increasing the average control delay at the intersection by more than 5.0 seconds.

Unsignalized Intersections

The project would result in a substantial adverse effect if both of the following criteria are met:

For intersections operating acceptably (LOS D or better) before the addition of project trips:

- The addition of project traffic to an intersection results in the degradation of intersection operations from acceptable operations (LOS D or better) to unacceptable operations (LOS E or LOS F)
- The Peak Hour Signal Warrant (Warrant 3) is met under With Project conditions.

For intersections operating unacceptably (LOS E or F) before the addition of project trips:

- The addition of project traffic to an intersection results in the exacerbation of unacceptable operations (LOS E or F) by increasing the average control delay (for all-way stop-controlled intersections) or worst movement/approach delay (for side-street stop-controlled intersections) at the intersection by more than 5.0 seconds.
- The Peak Hour Signal Warrant (Warrant 3) is met under With Project conditions.

CONSISTENCY WITH LOCAL REQUIREMENTS

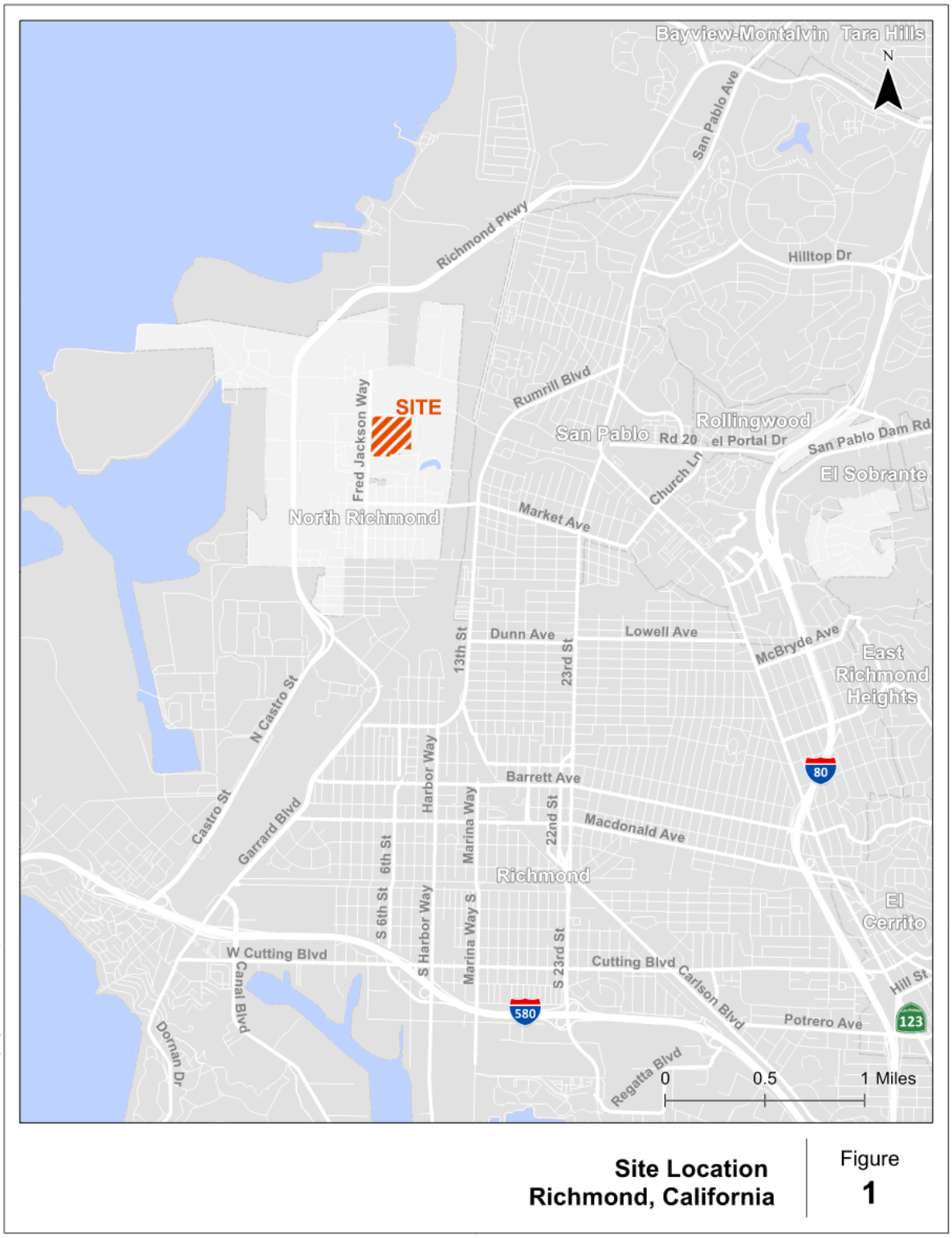
Contra Costa County recently updated and published their transportation analysis guidelines. Strictly as pertains to the scope of this technical study (i.e., traffic/transportation considerations), the guidelines include specific reference to and requirements pertaining to the implementation of transportation demand management (TDM) strategies (County TDM Ordinance). The County desires to "promote a more balanced transportation system that takes advantage of all modes of transportation…". Furthermore, this ordinance is specifically applicable to the proposed project alternative as a "non-residential proposal". To the extent possible, the project alternative should consider the TDM ordinance requirements and confirm appropriate inclusion in the project application.

PROPOSED PROJECT ALTERNATIVE

The proposed development at 506 Brookside Drive in unincorporated Richmond, CA ("project" or "project alternative") includes a mix of warehousing and office land uses to replace a vacant lot (see site location in **Figure 1**).

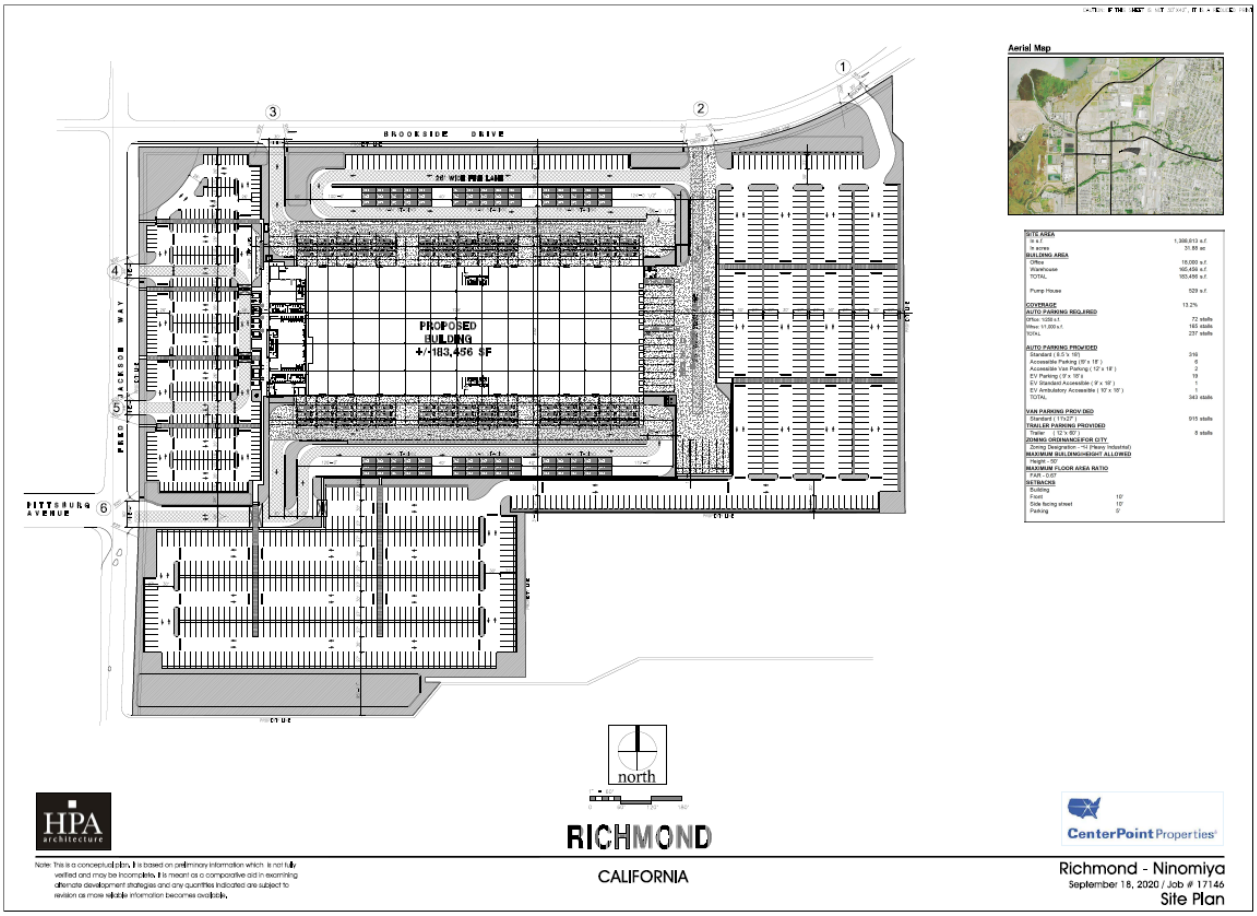
- The Project alternative analyzed here includes a 1-building concept with 165,456 square feet of distribution warehousing and 18,000 square feet of office, for a total of 183,456 square feet as illustrated in **Figure 2**.
- In addition, at Intersection #7 (Fred Jackson Way/Parr Boulevard), the project applicant has proposed the installation of a traffic signal at this location as part of the project. Therefore, the intersection analysis assumes the conversion of the intersection control device at this location from side-street stop-control to a signal as part of the project. The County Traffic Engineer must review and approve plans for this traffic signal prior to construction.

Figure 1: Site Location



Source: Kittelson & Associates, Inc., 2021

Figure 2: Project Alternative Site Plan



Source: HPA Architecture, September 18, 2020

TRIP GENERATION

The following section presents trip generation for the project alternative based on empirical data provided by the project applicant.

Kittelson obtained detailed trip estimates from the project applicant based on operational characteristics at similar warehouses. These are typical operational characteristics based on data from other warehouses and arrival and departure of staff, contractors, vendors, and delivery trucks and vans. The raw trip data provided by the project applicant is shown in **Attachment A**. The data shows that staff, and delivery activities related to vans and trucks normally occur outside the typical commute traffic peak hours. In addition, the proposed activity indicates more van activity and significantly less truck traffic that typical warehousing or industrial uses.

Based on the trip generation data provide by the project applicant, as shown in **Table 1**, the project alternative is anticipated to generate 1,616 daily weekday mix of vehicle, van and truck trips, with 32 trips (31 in/1 out) occurring during the weekday AM peak hour and 106 trips (71 in/35 out) occurring

during the weekday PM peak hour. Because the project alternative is an industrial use in an area predominately developed with industrial uses, passenger car equivalent (PCE) values were applied for traffic operational analysis, as follows:

- Vans = 1.5 x automobiles
- Trucks = 2.0 x automobiles

Truck and vans traffic volumes were converted to PCE volumes to reflect the fact that trucks and vans take up more room on the road than automobiles and are typically slower during acceleration and deceleration. Using the PCE factors above, the project alternative is anticipated to generate 1,912 daily weekday PCE trips, with 49 PCE trips (47 in/2 out) occurring during the weekday AM peak hour, and 107 PCE trips (72 in/35 out) occurring during the weekday PM peak hour.

Project alternative traffic activities operate mainly outside of typical commute peak hours (6:00 – 9:30 AM and 4:00 – 6:00 PM) and increase to the maximum traffic levels during the 10:00 – 11:00 AM and 7:30 – 8:30 PM periods. The peak hours selected for the trip generation analysis are 8:30 – 9:30 AM and 4:00 – 5:00 PM. While these periods do not represent the highest activity, they do correspond closely to typical peak hour of adjacent street when traffic levels are at their highest on surrounding roadways.

Table 1: Vehicle Trip Generation for Project Alternative from the Project Applicant

Trips	Trip Generation – Project Alternative						
	Daily	AM Peak Hour (8:30 – 9:30 AM)			PM Peak Hour (4:00 – 5:00 PM)		
		In	Out	Total	In	Out	Total
Autos	1,074	0	0	0	70	0	0
Trucks	50	1	1	2	1	0	1
Vans	492	30	0	30	0	0	0
Total	1,616	31	1	32	71	35	106
Total Project Trips (PCE) [1]	1,912	47	2	49	72	35	107

Source: Tenant Trip Generation Estimate, August 2020

1. Passenger Car Equivalent (PCE) is a metric used to assess the impact of a mode as compared to a single car. Van Trips = 1.5 passenger car trips (*Recommended by Contra Costa County*), Truck trips = 2.0 passenger car trips (*Highway Capacity Manual*).

TRIP DISTRIBUTION AND ASSIGNMENT

For the project alternative, it is assumed that regional travel patterns would likely be similar to the proposed Project, so without any data from the project Applicant on travel patterns, Kittelson used similar trip patterns from the EIR Traffic Study prepared for the Proposed Project. Therefore, Kittelson assumed the same proportions of trips that are assigned to all study intersections as that of the EIR Traffic Study. Project alternative trips are summarized in **Table 2** for the AM and PM peak hours.

Table 2: Project Alterative Trip Assignment during AM/PM Peak Hours

Intersection	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
1						9/13		0/8			0/2	
2		-/0	0/2		0/2	2/3	0/1	0/6		2/3	8/11	
3	0/-					0/-	0/0	0/7	-/0		10/15	
4	0/0							1/8	0/1		11/15	
5			1/8					-/1		3/16	1/-	
6				1/-								-/1
7	-/1		1/8						1/-	11/16		
8			30/47							1/23		
9		30/47			1/23							
10		20/31			1/16							
11		9/16			0/7							
12		8/15		-/1	0/6							1/2
13		8/13		-/1	0/5							1/2
14		8/13			0/5							
15					0/5							8/13
16				0/5								
17		7/11		0/5	1/11							13/20
18		1/8		7/8	5/8							0/0
19		0/-	1/-		-/1	1/11	15/25	15/23			1/11	
20				-/1								1/-
21						11/16	1/8					
22	2/5					3/3	0/2		0/2			

Notes:
NBL, NBT, NBR – Northbound Left, Northbound through, Northbound Right
SBL, SBT, SBR – Southbound Left, Southbound through, Southbound Right
EBL, EBT, EBR – Eastbound Left, Eastbound through, Eastbound Right
WBL, WBT, WBR – Westbound Left, Westbound through, Westbound Right
XX/XX – AM/PM

*0 means small fractional trips that are rounded to 0, "-" means no turns during the AM or PM peak hour.
Source: Kittelson & Associates, Inc., 2021

INTERSECTION LEVEL OF SERVICE

This section describes intersection operating conditions associated with the addition of the project alternative traffic to the Existing and Cumulative conditions.

Existing with Project Alternative

This section describes intersection operating conditions associated with the addition of the Project Alternative traffic to the Existing Conditions.

The Existing with Project Alternative represents the existing traffic volumes and intersection configurations with the addition of the project alternative trips.

Existing traffic signal timings, peak hour factors, heavy vehicle percentages, and pedestrian and bicycle activity at the study intersections were assumed to remain the same as current conditions in the Existing with Project Conditions scenario, except at Intersection #7. At Intersection #7 (Fred Jackson Way/Parr Boulevard), the project applicant has proposed the installation of a traffic signal at this location as part of the project. Therefore, the intersection analysis assumes the conversion of the intersection control device at this location from side-street stop-control to a signal as part of the project. The County Traffic Engineer must review and approve plans for this traffic signal prior to construction.

Table 3 presents the Existing with Project Alternative Conditions intersection LOS results. Detailed intersection LOS calculation worksheets are provided in **Attachment B**.

The results of the LOS calculations indicate that the majority of the study intersections would operate at acceptable LOS D or better with the addition of project alternative traffic. The following five (5) study intersections do not meet their respective LOS designation under Existing with Project Conditions:

- Intersection #2 – Richmond Parkway/San Pablo Avenue: LOS E in the PM peak hour
- Intersection #5 - Richmond Parkway/Goodrick Avenue: LOS F in the PM peak hour
- Intersection #9 - Richmond Parkway/Gertrude Avenue: LOS F in the PM peak hour
- Intersection #17 – Castro Street/I-580 Westbound Ramps: LOS E in the AM peak hour
- Intersection #18 – Fred Jackson Way/Brookside Drive: LOS F in the PM peak hour

These deficient conditions exist because traffic demand is very near to (in the case of LOS E) or over (in the case of LOS F) the capacity of the intersection per current signal timings or stop sign configurations. For intersections along Richmond Parkway noted below as deficient in the PM peak hour, this is generally caused by high northbound vehicle volumes. For the intersections on Fred Jackson Way noted below as deficient in the PM peak hour, vehicles diverting from congestion on Richmond Parkway cut-through the North Richmond neighborhood and result in higher-than-expected northbound volumes on Fred Jackson Way, thus leading to deficiencies.

Under Existing conditions with the Project Alternative, based on the criteria listed above, a substantial adverse effect on intersection operations would occur at the following three (3) intersections:

- Intersection #5 - Richmond Parkway/Goodrick Avenue: LOS F in the PM peak hour
- Intersection #9 - Richmond Parkway/Gertrude Avenue: LOS E in the PM peak hour
- Intersection #18 – Fred Jackson Way/Brookside Drive: LOS F in the PM peak hour

Table 3: Existing with Project Alternative - Peak Hour Intersection Level of Service

Intersection		Control	Peak Hour	Existing Conditions		Existing with Project Alternative Conditions		Delta Delay[3]
				Delay[1]	LOS[2]	Delay[1]	LOS[2]	
1	Richmond Parkway/I-80 WB Ramps-Blume Drive	Signalized	AM	54.4	D	54.4	D	+0.0
			PM	42.4	D	42.4	D	+0.0
2	Richmond Parkway/ San Pablo Avenue	Signalized	AM	44.2	D	44.4	D	+0.2
			PM	**61.9**	**E**	**61.9**	**E**	**+0.0**
3	Richmond Parkway/ Atlas Road	Signalized	AM	23.8	C	23.8	C	+0.0
			PM	33.0	C	33.0	C	+0.0
4	Richmond Parkway/ Hilltop Drive	Signalized	AM	13.6	B	13.6	B	+0.0
			PM	18.2	B	18.2	B	+0.0
5	Richmond Parkway/ Goodrick Avenue	Signalized	AM	6.5	A	6.6	A	+0.1
			PM	**132.0**	**F**	**138.4**	**F**	**+6.4**
6	Richmond Parkway/ Parr Boulevard	Signalized	AM	16.4	B	16.4	B	+0.0
			PM	17.9	B	17.9	B	+0.0
7	Fred Jackson Way/ Parr Boulevard	Side-Street Stop-Controlled[4]	AM	3.6 (12.5)	A (B)	8.8	A	+5.2
			PM	24.4 **(39.5)**	C **(E)**	15.6	B	-8.8
8	Richmond Parkway/ Pittsburg Avenue	Signalized	AM	9.7	A	9.7	A	+0.0
			PM	30.1	C	40.8	D	+10.7
9	Richmond Parkway/ Gertrude Avenue	Signalized	AM	18.4	B	18.3	B	-0.1
			PM	**79.6**	**E**	**86.2**	**F**	**+6.6**
10	Castro Street/ Hensley Street	Signalized	AM	5.7	A	5.7	A	+0.0
			PM	28.8	C	31.6	C	+2.8
11	Richmond Parkway/ Hensley Street	Signalized	AM	15.5	B	15.5	B	+0.0
			PM	34.4	C	35.5	D	+1.1
12	Richmond Parkway/ West Barrett Avenue	Signalized	AM	11.5	B	11.5	B	+0.0
			PM	8.8	A	8.9	A	+0.1
13	Richmond Parkway/ West Macdonald Avenue	Signalized	AM	4.7	A	4.7	A	+0.0
			PM	5.3	A	5.4	A	+0.1
14	Richmond Pkwy-Canal Blvd/S. Garrard Blvd-W. Ohio Avenue	Signalized	AM	16.3	B	16.3	B	+0.0
			PM	24.4	C	24.6	C	+0.2
15	Canal Boulevard/ I-580 WB Ramps	Signalized	AM	8.9	A	9.1	A	+0.2
			PM	17.8	B	18.6	B	+0.8
16	Canal Boulevard/ I-580 EB Ramps	Signalized	AM	27.6	C	27.6	C	+0.0
			PM	14.9	B	15.1	B	+0.2
17	Castro Street/I-580 WB Ramps	Signalized	AM	**59.1**	**E**	**58.5**	**E**	**-0.6**
			PM	22.2	C	22.6	C	+0.4
18	Fred Jackson Way/ Brookside Drive	All-Way Stop-Controlled	AM	8.1	A	8.1	A	+0.0
			PM	**80.2**	**F**	**85.5**	**F**	**+5.3**
19	Fred Jackson Way/ Pittsburg Avenue	Side-Street Stop-Controlled	AM	2.4 (10.0)	A (B)	2.7 (10.3)	A (B)	0.3(0.3)
			PM	4.5 (25.4)	A (D)	6.1 (31.0)	A (D)	1.6(5.6)

Intersection		Control	Peak Hour	Existing Conditions		Existing with Project Alternative Conditions		Delta Delay[3]
				Delay[1]	LOS[2]	Delay[1]	LOS[2]	
20	Fred Jackson Way/ Market Avenue	All-Way Stop-Controlled	AM	9.0	A	9.0	A	+0.0
			PM	16.0	C	16.0	C	+0.0
21	Goodrick Avenue/ Parr Boulevard	Side-Street Stop-Controlled	AM	3.1 (10.6)	A (B)	3.3 (10.6)	A (B)	0.2(0.0)
			PM	5.4 (29.9)	A (D)	5.6 (28.0)	A (D)	0.2(-1.9)
22	Rumrill Boulevard/ Brookside Drive	Signalized	AM	10.1	B	10.2	B	+0.1
			PM	12.2	B	12.3	B	+0.1

Source: Kittelson & Associates, May 2021

Note: **Bold** indicates unacceptable intersection operations. Results in **Bold and Highlighted** indicates a substantial adverse effect on intersection operations.

1. For side-street stop-controlled intersections, delay is presented for intersection average (worst movement).
2. LOS = Level of Service per 2010 HCM methodologies
3. Change in delay at intersection between Existing with Project and Existing Conditions
4. Intersection #7 is proposed to be signalized by the project applicant as a project-sponsored improvement.

Peak Hour Signal Warrant – Existing with Project Alternative

The Peak Hour Signal Warrant (Warrants 3A and 3B) from the *California Manual on Uniform Traffic Control Devices* (CA MUTCD) was used to evaluate unsignalized intersections that operate unacceptably under Existing with Project Alternative Conditions to determine if a traffic signal is warranted. Peak hour signal warrants were conducted for:

- Intersection #18: Fred Jackson Way/Brookside Drive.

Signal warrant analysis indicates that both Warrants 3A and 3B are not met in the PM peak hour under Existing with Project Alternative Conditions. These warrants are not met as the traffic volumes and/or stop-control delay do not rise to a level where a signal is warranted on the basis of peak hour volumes and peak hour delay.

Therefore this intersection will remain with adverse effects under Existing with Project Alternative conditions.

Signal warrant worksheets are provided in **Attachment C**.

Existing with Project Alternative Improvement Measures

Based on the substantial adverse effects to intersection operations noted above, the following improvement measures are proposed to reduce these adverse effects:

- *Intersection #5 - Richmond Parkway/Goodrick Avenue*: LOS F in the PM peak hour

Intersection Improvement Measure #1: Richmond Parkway/Goodrick Avenue is a signalized intersection that operates at unacceptable LOS F in the PM peak hour under Existing Conditions and Existing with Project Conditions. The improvement measure is to fund signal timing adjustments at the intersection to be completed after occupancy of the project.

Adjusting the signal timing at the intersection would reduce the intersection average delay to 112.8 seconds (LOS F). The net increase in delay compared to Existing Conditions would be less than 5.0 seconds; therefore, adjusting the signal timing results in the project effects on operations at the intersection being ***less-than-substantial with improvements***. The intersection is anticipated to operate at acceptable LOS A in the AM peak hour without further signal timing adjustments, but adjustments made as part of this process may also improve AM peak hour intersection operations.

- *Intersection #9 - Richmond Parkway/Gertrude Avenue*: LOS E in the PM peak hour

Intersection Improvement Measure #2: Richmond Parkway/Gertrude Avenue is a signalized intersection that operates at unacceptable LOS F in the PM peak hour under Existing Conditions and Existing with Project Conditions. The improvement measure is to fund signal timing adjustments at the intersection to be completed after occupancy of the project.

Adjusting the signal timing at the intersection would reduce the intersection average delay to 24.0 seconds (LOS C). The net increase in delay compared to Existing Conditions would be less than 5.0 seconds; therefore, adjusting the signal timing results in the project effects on operations at the intersection being less-than-substantial with improvements. The intersection is anticipated to operate at acceptable LOS A in the AM peak hour without further signal timing adjustments, but adjustments made as part of this process may also improve AM peak hour intersection operations.

- *Intersection #18 – Fred Jackson Way/Brookside Drive*: LOS F in the PM peak hour

Signal warrants are not met, therefore this intersection remains with adverse effects.

Cumulative with Project Alternative

This section describes intersection operating conditions associated with the addition of the project alternative traffic to the Cumulative Conditions.

The Cumulative with Project alternative represents the cumulative traffic volumes and intersection configurations with the addition of the project alternative trips.

Existing heavy vehicle percentages, and pedestrian and bicycle activity at the study intersections are assumed to remain consistent in the Cumulative without Project and Cumulative with Project scenarios.

Consistent with previous studies in the North Richmond area, traffic signal timings were optimized at intersections where the Cumulative without Project Conditions analysis indicated LOS E or LOS F operations; signal timings for intersections near capacity are regularly updated to better accommodate actual travel demand. **Table 4** presents the Cumulative with Project Alternative Conditions intersection LOS results. Detailed Cumulative intersection LOS calculation worksheets are provided in **Attachment D**.

The results of the LOS calculations indicate that the majority of the study intersections will not operate at acceptable LOS D or better during the PM peak hour.

Table 4: Cumulative with Project Alternative - Peak Hour Intersection Level of Service

Intersection		Control	Peak Hour	Cumulative Conditions		Cumulative with Project Alternative Conditions		Delta Delay[3]
				Delay[1]	LOS[2]	Delay[1]	LOS[2]	
1	Richmond Parkway/I-80 WB Ramps-Blume Drive	Signalized	AM	**90.5**	**F**	**91.7**	**F**	**+1.2**
			PM	52.1	D	52.1	D	+0.0
2	Richmond Parkway/ San Pablo Avenue	Signalized	AM	**124.0**	**F**	**125.2**	**F**	**+1.2**
			PM	**96.6**	**F**	**96.8**	**F**	**+0.2**
3	Richmond Parkway/ Atlas Road	Signalized	AM	45.0	D	45.2	D	+0.2
			PM	**117.8**	**F**	**118.4**	**F**	**+0.6**
4	Richmond Parkway/ Hilltop Drive	Signalized	AM	21.0	C	21.2	C	+0.2
			PM	**66.6**	**E**	**66.9**	**E**	**+0.3**
5	Richmond Parkway/ Goodrick Avenue	Signalized	AM	25.7	C	25.9	C	+0.2
			PM	**351.3**	**F**	**340.8**	**F**	**-10.5[5]**
6	Richmond Parkway/ Parr Boulevard	Signalized	AM	**82.1**	**F**	**82.1**	**F**	**+0.0**
			PM	**148.2**	**F**	**148.2**	**F**	**+0.0**
7	Fred Jackson Way/ Parr Boulevard	Signalized	AM	8.8	A	9.1	A	+0.3
			PM	20.5	C	20.6	C	+0.1
8	Richmond Parkway/ Pittsburg Avenue	Signalized	AM	53.5	D	53.6	D	+0.1
			PM	**249.8**	**F**	**271.2**	**F**	**+21.4**
9	Richmond Parkway/ Gertrude Avenue	Signalized	AM	44.4	D	44.3	D	-0.1
			PM	**151.6**	**F**	**156.5**	**F**	**+4.9**
10	Castro Street/ Hensley Street	Signalized	AM	7.1	A	7.1	A	+0.0
			PM	**123.3**	**F**	**127.0**	**F**	**+3.7**
11	Richmond Parkway/ Hensley Street	Signalized	AM	24.2	C	24.2	C	+0.0
			PM	**127.9**	**F**	**130.6**	**F**	**+2.7**
12	Richmond Parkway/ West Barrett Avenue	Signalized	AM	12.8	B	12.8	B	+0.0
			PM	31.7	C	33.0	C	+1.3
13	Richmond Parkway/ West Macdonald Ave	Signalized	AM	5.9	A	5.9	A	+0.0
			PM	30.8	C	32.4	C	+1.6
14		Signalized	AM	26	C	26	C	+0.0

	Intersection	Control	Peak Hour	Cumulative Conditions		Cumulative with Project Alternative Conditions		Delta Delay[3]
				Delay[1]	LOS[2]	Delay[1]	LOS[2]	
	Richmond Pkwy-Canal Blvd/S. Garrard Blvd-W. Ohio Avenue		PM	54.6	D	54.1	D	-0.5
15	Canal Boulevard/ I-580 WB Ramps	Signalized	AM	11.3	B	11.5	B	+0.2
			PM	**79.9**	**E**	**82.7**	**F**	**+2.8**
16	Canal Boulevard/ I-580 EB Ramps	Signalized	AM	41.0	D	41.0	D	+0.0
			PM	33.7	C	34.2	C	+0.5
17	Castro Street/I-580 WB Ramps	Signalized	AM	**59.9**	**E**	**59.9**	**E**	**+0.0**
			PM	51.7	D	53.1	D	+1.4
18	Fred Jackson Way/ Brookside Drive	All-Way Stop-Controlled	AM	9.4	A	9.5	A	+0.1
			PM	**155.7**	**F**	**170.4**	**F**	**+14.7**
19	Fred Jackson Way/ Pittsburg Avenue	Side-Street Stop-Controlled	AM	2.9 (12.0)	A (B)	3.7 (13.8)	A (B)	0.8 (1.8)
			PM	**17.5 (92.0)**	**C (F)**	**44.1 (202.4)**	**E (F)**	**26.6 (110.4)**
20	Fred Jackson Way/ Market Avenue	All-Way Stop-Controlled	AM	12.1	B	12.1	B	+0.0
			PM	29.7	D	29.7	D	+0.0
21	Goodrick Avenue/ Parr Boulevard	Side-Street Stop-Controlled	AM	3.8 (13.0)	A (B)	3.9 (13.0)	A (B)	0.1(0.0)
			PM	9.1 **(76.6)**	A **(F)**	10.3 **(81.0)**	B **(F)**	1.2**(4.4)**
22	Rumrill Boulevard/ Brookside Drive	Signalized	AM	15.4	B	15.6	B	+0.2
			PM	19.6	B	19.8	B	+0.2

Source: Kittelson & Associates, May 2021

Note: **Bold** indicates unacceptable intersection operations. Results in **Bold and Highlighted** indicates a substantial adverse effect on intersection operations.

1. For side-street stop-controlled intersections, delay is presented for intersection average (worst movement).
2. LOS = Level of Service per 2010 HCM methodologies
3. Change in delay at intersection between Existing with Project and Existing Conditions
4. Intersection is proposed to be signalized by the project applicant as a project-sponsored improvement.
5. At Intersection 5, HCM predicts a reduction in delay with addition of minor project traffic due to unstable delay range over 300 seconds.

Based on the criteria listed above, the proposed alternative project is projected to have a substantial adverse effect on intersection operations at three (3) study intersections during the peak hours in the cumulative condition:

- Intersection #8 – Richmond Parkway/Pittsburg Avenue: LOS E in the PM peak hour
- Intersection #18 – Fred Jackson Way/Brookside Drive: LOS F in the PM peak hour
- Intersection #19 – Fred Jackson Way/ Pittsburg Avenue: LOS F in the PM peak hour

City of Richmond Intersections

- *Richmond Parkway/Pittsburg Avenue (Intersection #8)* – The addition of project traffic under Cumulative with Project Alternative Conditions exacerbates unacceptable intersection operations (LOS F without the project) by increasing the average delay at the study intersection by more than 5.0 seconds during the PM peak hour. Additionally, in the PM peak hour, the addition of project generated traffic results in operations degrading from an acceptable LOS D to an unacceptable LOS F. Therefore the project causes a **substantial adverse effect**.

Contra Costa County Intersections

- *Fred Jackson Way/ Brookside Drive (Intersection #18)* – The addition of project traffic under Cumulative with Project Alternative Conditions exacerbates unacceptable intersection operations (LOS F without the project) by increasing the average delay at the study intersection by more than 5.0 seconds during the PM peak hour. Additionally, in the AM peak hour, the addition of project generated traffic results in operations degrading from an acceptable LOS D to an unacceptable LOS E. Therefore the project causes a **substantial adverse effect**.

- *Fred Jackson Way/Pittsburg Avenue (Intersection #19)* – The addition of project traffic under Cumulative with Project Alternative Conditions exacerbates unacceptable intersection operations (LOS F without the project) on the worst approach by increasing the average delay by more than 5.0 seconds during the PM peak hour. The Peak Hour Signal Warrant is met at this location. Therefore the project causes a **substantial adverse effect**.

Improvement measures to alleviate the substantial adverse effect are presented below.

Peak Hour Signal Warrant – Cumulative with Project Alternative

The Peak Hour Signal Warrant (Warrants 3A and 3B) from the *California Manual on Uniform Traffic Control Devices* (CA MUTCD) was used to evaluate unsignalized intersections that operate unacceptably under Cumulative with Project Alternative Conditions to determine if a traffic signal is warranted. Peak hour signal warrants were conducted for:

- Intersection #18: Fred Jackson Way/Brookside Drive – signal warrants are not met
- Intersection #19 – Fred Jackson Way/Pittsburg Avenue – signal warrants are met

Signal warrant analysis indicates that both Warrants 3A and 3B Peak hour signal warrants conducted for the Fred Jackson Way/Brookside Drive intersection (#18) in the Cumulative with Project Alternative Conditions scenario indicate that the warrants are not met.

Signal warrant analysis conducted for the Fred Jackson Way/Pittsburg Avenue intersection (#19), for Cumulative with Project Alternative Conditions are met. Therefore a signal is recommended at this location.

Signal warrant worksheets are provided in **Attachment C**.

Improvement Measures - Cumulative with Project Alternative

Based on the substantial adverse effects to intersection operations noted above, the following improvement measures are proposed to reduce these adverse effects:

- *Intersection #8 - Richmond Parkway/ Pittsburg Avenue*: LOS F in the PM peak hour

Richmond Parkway/ Pittsburg Avenue (#8) is a signalized intersection that operates at unacceptable LOS F in the PM peak hour under Cumulative and Cumulative with Project Alternative Conditions. The recommended improvement measure is to fund signal timing adjustments at the intersection to be completed after occupancy of the project.

Adjusting the signal timing at the intersection would reduce the intersection average delay to 261.5 seconds (LOS F). However, the net increase in delay compared to Cumulative Conditions would still be more than 5.0 seconds compared to the Cumulative no-project; therefore, adjusting the signal timing cannot improve the project effects on operations at the intersection to less-than-substantial with improvements. Therefore further improvement measures are recommended as described below.

Intersection Improvement Measure #3: Richmond Parkway/ Pittsburg Avenue (#8) remains adversely affected during the PM peak hour, so a similar measure as cited in the EIR is proposed. The project applicant shall contribute funds towards the preparation of a corridor study for Richmond Parkway and parallel local and regional routes, which will evaluate roadway and intersection capacity, transit and other multimodal options to improve future operations along the Richmond Parkway corridor. The corridor study will evaluate how the total development capacity in the North Richmond area, as well as regional travel effects associated with planned regional freeway projects, will influence operations along Richmond Parkway and parallel routes. A focus of the study will be to reduce automobile and truck diversion into local communities of concern (i.e. AB 617 neighborhoods) by providing additional traffic calming devices and truck restrictions.

As part of its March 2021 comment letter, Contra Costa County staff noted that a fair share contribution of $160,000 should be made by the project applicant as part of this project. This amount is based on an estimate of $8,300,000 for potential improvements along Richmond Parkway and data from the traffic analysis provided in this report, which indicates that 1.91 percent of traffic volume at the Richmond Parkway/Pittsburg Avenue intersection would be generated by the project site in the Cumulative (Year 2040) condition. This fair share contribution will be deposited into the County's Road Trust Account (8192), which may be used to fund the West County Corridor Study of freight/goods movement, multimodal Richmond Parkway corridor improvements, environmental analysis, design and/or construction of the resulting capital improvement(s) resulting from the West County Corridor Study.

- *Intersection #18 – Fred Jackson Way/Brookside Drive*: LOS F in the PM peak hour

Signal warrants are not met, therefore this intersection remains with adverse effects, but is recommended for signalization by Contra Costa County.

- *Intersection #19 – Fred Jackson Way/ Pittsburg Avenue*: LOS F in the PM peak hour

Signal warrants are met, therefore this intersection would require signalization.

Intersection Improvement Measure #4: To address operational deficiencies on the periphery of the project site, the project applicant shall install traffic signals at the intersections of Fred Jackson Way/Pittsburg Avenue and Fred Jackson Way/Brookside Drive prior to occupancy of the proposed project; construction costs for installation of these signals would be credited against the project's North Richmond AOB fee obligation. While the Fred Jackson Way/Brookside Drive intersection is not substantially adversely affected by the project (or meets signal warrants), County staff have noted that failure to signalize the Fred Jackson Way/Brookside Drive intersection may create an inconsistency between intersection control devices at successive nearby intersections. The improvements will consist of the following additional signalization infrastructure at the two intersections:

- Fred Jackson Way/Brookside Drive – Signalize intersection, including:
    - Permitted left turns on all approaches
    - Pedestrian crossings on all four approaches (including ADA-compliant pedestrian landing islands)
- Fred Jackson Way/Pittsburg Avenue – Signalize intersection, including:
    - Northbound and southbound approaches: permitted left turns
    - Eastbound and westbound approaches: split phases
    - Pedestrian crossings on all four approaches (including ADA-compliant pedestrian landing islands)

Construction of the improvements would result in LOS B operations at both intersections in the PM peak hour under Cumulative with Project Alternative Conditions. It is noted that collaboration, review and approval by the County Traffic Engineer will be required prior to installation of the new traffic signals.

PROJECT FAIR SHARE

Project fair share contributions were computed for improvement measures to address substantial adverse effects. The project fair share percentages are based on the number of project trips contributed to the transportation system as a percentage of the number of future trips to the intersection. Fair Share calculations are included in **Attachment E**.

At intersections where a signal warrant is met or was impacted, this traffic analysis identified the number of project trips that would affect the intersection and the ratio of project traffic to the projected traffic increase at that location. In other words, the project fair share percentage equals the project traffic divided by the difference of future traffic and existing traffic at all approaches entering the intersection:

$$Project\ Fair\ Share\ \% = \frac{Project\ Traffic}{(Future\ Traffic\ Volume - Existing\ Traffic\ Volume)}$$

Fair share contributions are noted as an acceptable improvement when the project applicant is responsible for only a portion of a costly transportation enhancement. In other words it is applicable when there are other proposed development projects nearby that may also contribute toward the cost or when the City/County has other funding sources for the improvement.

Intersections not Substantially Adversely Affected

All other study intersections operate acceptably after the addition of project trips or, for locations that operate unacceptably under Cumulative without Project Conditions, the increase in delay at the intersection after the addition of project trips would be less than 5.0 seconds and/or the Peak Hour Signal Warrant is not met; therefore, the effect of the project at these intersections is not substantial based on the evaluation criteria.

SITE ACCESS

Internal circulation was evaluated to ensure that the site provides sufficient on-site circulation for pedestrian movements and internal traffic. Access to the development is planned to be provided via Fred Jackson Way and Brookside Drive.

The access along Fred Jackson Way includes:

- Two 26-foot-wide driveways for passenger cars only
- One 50-foot-wide driveway for all vehicles and lines up directly with Pittsburg Avenue
- Each will function acceptably under stop control with appropriate signage.
- All driveways along Fred Jackson Way should operate at acceptable level of service with minimal queueing anticipated on and off site.
- Queues at the site-access driveways are not expected to exceed 50 feet.

The access along Brookside Drive includes:

- One 40-foot-wide driveway for all vehicles with right in and right out movements
- One 40-foot-wide driveway for all vehicles with right in and left out movements
- One 43-foot-wide driveway for all vehicles with right in and left our movements
- All driveways along Brookside Drive should operate at acceptable level of service with minimal queueing anticipated on and off site.
- Queues at the site-access driveways are not expected to exceed 50 feet.

In addition, sufficient sight distance is available at the project driveways along Fred Jackson Way and Brookside Drive.

The following activities are recommended to ensure adequate safety and operations at the internal intersections and roadways:

- All local streets within the development should have two travel lanes (4 lanes total, 2 lanes in each direction)
- Shrubbery and landscaping near the internal intersections and site access points should be maintained to ensure adequate sight distance
- Truck turning radii should be evaluated at each site-access driveway with a WB-67 design vehicle. According to *AASHTO-Geometric Design of Highways and Streets* (Reference 1), this type of design vehicle is generally considered for industrialized streets that carry high volumes of traffic or provide local access for large trucks. Each turning radius should be a minimum of 45 feet.

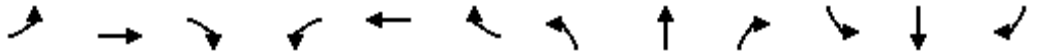
ATTACHMENT A: APPLICANT PROPOSED PROJECT ALTERNATIVE TRIP DATA

Table A1: Applicant's Proposed Project Alternative Trips

	Project Alternative - All Trips											
	Autos			Trucks			Vans			Total		
Time	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total
00:00	0	0	0	2	2	4	0	0	0	2	2	4
01:00	115	0	115	1	2	3	0	0	0	116	2	118
02:00	0	0	0	2	1	3	0	0	0	2	1	3
03:00	0	0	0	1	2	3	0	0	0	1	2	3
04:00	0	0	0	2	1	3	0	0	0	2	1	3
05:00	35	0	35	1	2	3	0	0	0	36	2	38
06:00	0	0	0	2	1	3	0	0	0	2	1	3
07:00	0	0	0	1	1	2	0	0	0	1	1	2
07:30	0	0	0	0	1	1	0	0	0	0	1	1
08:00	0	0	0	1	0	1	0	0	0	1	0	1
08:30	0	0	0	0	1	1	0	0	0	0	1	1
09:00	30	0	0	1	0	1	0	0	0	31	0	31
09:30	120	0	0	1	1	2	0	0	0	121	1	122
10:00	96	0	96	1	1	2	0	246	246	97	247	344
11:00	6	0	6	0	1	1	0	0	0	6	1	7
12:00	0	115	115	0	0	0	0	0	0	0	115	115
13:00	65	0	65	0	0	0	0	0	0	65	0	65
14:00	0	35	35	0	0	0	0	0	0	0	35	35
15:00	0	0	0	0	0	0	0	0	0	0	0	0
16:00	70	0	70	0	0	0	0	0	0	70	0	70
16:30	0	35	35	1	0	1	0	0	0	1	35	36
17:00	0	35	35	0	1	1	0	0	0	0	36	36
17:30	0	0	0	0	0	0	0	0	0	0	0	0
18:00	0	30	30	1	1	2	0	0	0	1	31	32
19:00	0	69	69	2	1	3	132	0	132	134	70	204
20:00	0	162	162	1	1	2	114	0	114	115	163	278
21:00	0	15	15	1	2	3	0	0	0	1	17	18
22:00	0	41	41	2	1	3	0	0	0	2	42	44
23:00	0	0	0	1	1	2	0	0	0	1	1	2
Total	**537**	**537**	**1,074**	**25**	**25**	**50**	**246**	**246**	**492**	**808**	**808**	**1,616**

Source: Applicant's Proposed Trip Operations, 2020

ATTACHMENT B: EXISTING WITH PROJECT ALTERNATIVE LOS CALCULATIONS



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	200	610	190	140	300	80	70	40	230	50	340	1099
Future Volume (veh/h)	200	610	190	140	300	80	70	40	230	50	340	1099
Number	5	2	12	1	6	16	3	8	18	7	4	14
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1759	1759	1759	1759	1759	1759	1792	1792	1792	1776	1776	1776
Adj Flow Rate, veh/h	208	635	90	146	312	0	73	42	58	52	354	428
Adj No. of Lanes	1	3	1	2	1	1	1	1	2	1	1	2
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	8	8	8	8	8	8	6	6	6	7	7	7
Cap, veh/h	164	2281	709	291	821	698	167	495	740	62	382	571
Arrive On Green	0.10	0.47	0.47	0.09	0.47	0.00	0.10	0.28	0.28	0.04	0.21	0.21
Sat Flow, veh/h	1675	4803	1493	3250	1759	1495	1707	1792	2682	1691	1776	2656
Grp Volume(v), veh/h	208	635	90	146	312	0	73	42	58	52	354	428
Grp Sat Flow(s),veh/h/ln	1675	1601	1493	1625	1759	1495	1707	1792	1341	1691	1776	1328
Q Serve(g_s), s	12.7	10.4	4.4	5.6	14.9	0.0	5.2	2.3	2.1	4.0	25.4	19.6
Cycle Q Clear(g_c), s	12.7	10.4	4.4	5.6	14.9	0.0	5.2	2.3	2.1	4.0	25.4	19.6
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	164	2281	709	291	821	698	167	495	740	62	382	571
V/C Ratio(X)	1.27	0.28	0.13	0.50	0.38	0.00	0.44	0.08	0.08	0.84	0.93	0.75
Avail Cap(c_a), veh/h	164	2281	709	368	821	698	219	637	953	139	590	883
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	58.7	20.7	19.1	56.4	22.5	0.0	55.3	34.9	34.8	62.2	50.0	47.8
Incr Delay (d2), s/veh	160.9	0.3	0.4	0.5	1.3	0.0	0.7	0.0	0.0	10.6	11.7	0.8
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	13.2	4.7	1.9	2.5	7.6	0.0	2.5	1.1	0.8	2.0	13.7	7.3
LnGrp Delay(d),s/veh	219.6	21.0	19.4	56.9	23.8	0.0	56.0	34.9	34.8	72.8	61.8	48.5
LnGrp LOS	F	C	B	E	C		E	C	C	E	E	D
Approach Vol, veh/h		933			458			173			834	
Approach Delay, s/veh		65.1			34.4			43.8			55.7	
Approach LOS		E			C			D			E	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	15.6	65.7	16.7	31.9	16.7	64.7	8.8	39.9
Change Period (Y+Rc), s	3.7	5.1	3.7	* 4.2	3.7	5.1	3.7	* 4.2
Max Green Setting (Gmax), s	15.0	38.3	17.0	* 43	13.0	40.3	11.0	* 46
Max Q Clear Time (g_c+I1), s	7.6	12.4	7.2	27.4	14.7	16.9	6.0	4.3
Green Ext Time (p_c), s	0.0	0.8	0.0	0.3	0.0	0.2	0.0	0.0

Intersection Summary	
HCM 2010 Ctrl Delay	54.4
HCM 2010 LOS	D

Notes

* HCM 2010 computational engine requires equal clearance times for the phases crossing the barrier.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	190	550	20	92	1078	130	30	250	70	210	770	652
Future Volume (veh/h)	190	550	20	92	1078	130	30	250	70	210	770	652
Number	5	2	12	1	6	16	3	8	18	7	4	14
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1712	1712	1900	1743	1743	1743	1827	1827	1827	1863	1863	1863
Adj Flow Rate, veh/h	204	591	19	99	1159	0	32	269	9	226	828	548
Adj No. of Lanes	2	3	0	2	3	1	1	2	1	1	2	1
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Percent Heavy Veh, %	11	11	11	9	9	9	4	4	4	2	2	2
Cap, veh/h	316	2013	64	224	1914	596	69	711	318	283	1150	514
Arrive On Green	0.10	0.43	0.41	0.07	0.40	0.00	0.04	0.20	0.20	0.16	0.32	0.32
Sat Flow, veh/h	3163	4652	149	3221	4759	1482	1740	3471	1553	1774	3539	1582
Grp Volume(v), veh/h	204	395	215	99	1159	0	32	269	9	226	828	548
Grp Sat Flow(s),veh/h/ln	1581	1558	1685	1610	1586	1482	1740	1736	1553	1774	1770	1582
Q Serve(g_s), s	7.4	9.9	10.0	3.5	23.1	0.0	2.2	8.0	0.6	14.7	24.7	39.0
Cycle Q Clear(g_c), s	7.4	9.9	10.0	3.5	23.1	0.0	2.2	8.0	0.6	14.7	24.7	39.0
Prop In Lane	1.00		0.09	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	316	1348	729	224	1914	596	69	711	318	283	1150	514
V/C Ratio(X)	0.65	0.29	0.29	0.44	0.61	0.00	0.47	0.38	0.03	0.80	0.72	1.07
Avail Cap(c_a), veh/h	316	1348	729	242	1914	596	128	711	318	441	1150	514
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.95	0.95	0.95	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	52.0	22.1	22.2	53.6	28.3	0.0	56.4	41.1	38.2	48.6	35.7	40.5
Incr Delay (d2), s/veh	3.9	0.5	1.0	1.0	1.4	0.0	3.6	0.6	0.1	5.6	2.6	58.4
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	3.4	4.3	4.8	1.6	10.3	0.0	1.1	3.9	0.2	7.7	12.5	25.3
LnGrp Delay(d),s/veh	55.8	22.6	23.2	54.6	29.8	0.0	60.0	41.7	38.2	54.1	38.2	98.9
LnGrp LOS	E	C	C	D	C		E	D	D	D	D	F
Approach Vol, veh/h		814			1258			310			1602	
Approach Delay, s/veh		31.1			31.7			43.5			61.2	
Approach LOS		C			C			D			E	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	12.3	55.9	8.7	43.0	16.0	52.3	23.2	28.6
Change Period (Y+Rc), s	7.0	7.2	6.0	7.0	7.0	7.2	6.0	7.0
Max Green Setting (Gmax), s	6.8	44.0	6.8	36.0	9.0	41.0	27.8	15.0
Max Q Clear Time (g_c+I1), s	5.5	12.0	4.2	41.0	9.4	25.1	16.7	10.0
Green Ext Time (p_c), s	0.0	6.4	0.0	0.0	0.0	9.8	0.4	0.9

Intersection Summary	
HCM 2010 Ctrl Delay	44.4
HCM 2010 LOS	D

Notes

User approved pedestrian interval to be less than phase max green.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	60	440	130	50	1400	310	80	30	110	210	60	120
Future Volume (veh/h)	60	440	130	50	1400	310	80	30	110	210	60	120
Number	5	2	12	1	6	16	3	8	18	7	4	14
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1696	1696	1696	1759	1759	1759	1863	1863	1863	1776	1776	1776
Adj Flow Rate, veh/h	63	463	66	53	1474	169	84	32	7	221	63	19
Adj No. of Lanes	2	3	1	1	3	1	1	1	1	1	1	1
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	12	12	12	8	8	8	2	2	2	7	7	7
Cap, veh/h	212	2178	678	116	2265	705	164	203	173	325	371	315
Arrive On Green	0.07	0.47	0.47	0.07	0.47	0.47	0.09	0.11	0.11	0.19	0.21	0.21
Sat Flow, veh/h	3134	4631	1442	1675	4803	1495	1774	1863	1583	1691	1776	1509
Grp Volume(v), veh/h	63	463	66	53	1474	169	84	32	7	221	63	19
Grp Sat Flow(s),veh/h/ln	1567	1544	1442	1675	1601	1495	1774	1863	1583	1691	1776	1509
Q Serve(g_s), s	1.9	5.9	2.6	3.1	23.5	6.8	4.5	1.6	0.4	12.2	2.9	1.0
Cycle Q Clear(g_c), s	1.9	5.9	2.6	3.1	23.5	6.8	4.5	1.6	0.4	12.2	2.9	1.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	212	2178	678	116	2265	705	164	203	173	325	371	315
V/C Ratio(X)	0.30	0.21	0.10	0.46	0.65	0.24	0.51	0.16	0.04	0.68	0.17	0.06
Avail Cap(c_a), veh/h	1044	2901	903	467	3009	937	582	611	520	900	583	495
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	44.6	15.7	14.8	45.0	20.3	15.8	43.5	40.6	40.1	37.7	32.6	31.9
Incr Delay (d2), s/veh	0.3	0.1	0.1	1.1	0.5	0.2	5.2	0.5	0.1	5.2	0.3	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.8	2.5	1.0	1.4	10.5	2.8	2.5	0.8	0.2	6.2	1.5	0.4
LnGrp Delay(d),s/veh	44.9	15.7	14.9	46.1	20.7	16.1	48.6	41.1	40.2	42.9	32.9	32.0
LnGrp LOS	D	B	B	D	C	B	D	D	D	D	C	C
Approach Vol, veh/h		592			1696			123			303	
Approach Delay, s/veh		18.7			21.0			46.2			40.2	
Approach LOS		B			C			D			D	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	10.9	51.3	13.3	25.0	10.8	51.4	23.3	15.0
Change Period (Y+Rc), s	7.0	7.0	7.0	7.0	7.5	7.0	7.5	7.0
Max Green Setting (Gmax), s	25.0	60.0	30.0	30.0	30.0	60.0	50.0	30.0
Max Q Clear Time (g_c+I1), s	5.1	7.9	6.5	4.9	3.9	25.5	14.2	3.6
Green Ext Time (p_c), s	0.0	4.9	0.4	0.5	0.1	18.9	1.7	0.2

Intersection Summary	
HCM 2010 Ctrl Delay	23.8
HCM 2010 LOS	C

Notes

User approved pedestrian interval to be less than phase max green.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	10	501	150	30	1551	20	220	30	90	40	70	80
Future Volume (veh/h)	10	501	150	30	1551	20	220	30	90	40	70	80
Number	5	2	12	1	6	16	3	8	18	7	4	14
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		0.99	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1696	1696	1696	1776	1776	1776	1863	1863	1863	1900	1900	1900
Adj Flow Rate, veh/h	10	511	73	31	1583	10	224	31	15	41	71	6
Adj No. of Lanes	2	3	1	1	3	1	2	1	1	1	2	0
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	12	12	12	7	7	7	2	2	2	0	0	0
Cap, veh/h	32	2396	746	44	2586	805	458	241	202	160	299	25
Arrive On Green	0.01	0.52	0.52	0.03	0.53	0.53	0.13	0.13	0.13	0.09	0.09	0.08
Sat Flow, veh/h	3134	4631	1442	1691	4848	1508	3548	1863	1565	1810	3374	282
Grp Volume(v), veh/h	10	511	73	31	1583	10	224	31	15	41	38	39
Grp Sat Flow(s),veh/h/ln	1567	1544	1442	1691	1616	1508	1774	1863	1565	1810	1805	1850
Q Serve(g_s), s	0.2	4.0	1.7	1.2	15.2	0.2	3.9	1.0	0.6	1.4	1.3	1.3
Cycle Q Clear(g_c), s	0.2	4.0	1.7	1.2	15.2	0.2	3.9	1.0	0.6	1.4	1.3	1.3
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		0.15
Lane Grp Cap(c), veh/h	32	2396	746	44	2586	805	458	241	202	160	160	164
V/C Ratio(X)	0.31	0.21	0.10	0.70	0.61	0.01	0.49	0.13	0.07	0.26	0.24	0.24
Avail Cap(c_a), veh/h	935	3227	1005	883	3378	1051	1355	711	598	691	689	707
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	32.9	8.8	8.2	32.4	10.8	7.3	27.1	25.8	25.7	28.5	28.4	28.5
Incr Delay (d2), s/veh	2.1	0.1	0.1	7.2	0.3	0.0	1.1	0.3	0.2	0.3	0.3	0.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.1	1.7	0.7	0.7	6.7	0.1	2.0	0.5	0.3	0.7	0.7	0.7
LnGrp Delay(d),s/veh	35.0	8.8	8.3	39.6	11.2	7.4	28.3	26.2	25.9	28.8	28.7	28.8
LnGrp LOS	D	A	A	D	B	A	C	C	C	C	C	C
Approach Vol, veh/h		594			1624			270			118	
Approach Delay, s/veh		9.2			11.7			27.9			28.8	
Approach LOS		A			B			C			C	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	5.8	38.7		9.9	4.7	39.8		12.7
Change Period (Y+Rc), s	4.0	5.7		4.6	4.0	5.7		4.6
Max Green Setting (Gmax), s	35.0	45.0		25.0	20.0	45.0		25.0
Max Q Clear Time (g_c+I1), s	3.2	6.0		3.4	2.2	17.2		5.9
Green Ext Time (p_c), s	0.0	5.3		0.2	0.0	16.9		1.3

Intersection Summary	
HCM 2010 Ctrl Delay	13.6
HCM 2010 LOS	B

Notes

User approved pedestrian interval to be less than phase max green.
User approved volume balancing among the lanes for turning movement.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	10	560	10	103	1811	20	10	10	81	10	10	10
Future Volume (veh/h)	10	560	10	103	1811	20	10	10	81	10	10	10
Number	5	2	12	1	6	16	7	4	14	3	8	18
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1696	1696	1696	1792	1792	1792	1900	1583	1900	1900	1900	1900
Adj Flow Rate, veh/h	10	577	6	106	1867	15	10	10	8	10	10	1
Adj No. of Lanes	1	2	1	1	2	1	0	1	0	0	1	0
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %	12	12	12	6	6	6	20	20	20	0	0	0
Cap, veh/h	33	2120	949	135	2440	1092	110	13	11	127	22	2
Arrive On Green	0.02	0.66	0.66	0.08	0.72	0.72	0.03	0.03	0.03	0.03	0.03	0.03
Sat Flow, veh/h	1616	3223	1442	1707	3406	1524	515	515	412	854	854	85
Grp Volume(v), veh/h	10	577	6	106	1867	15	28	0	0	21	0	0
Grp Sat Flow(s),veh/h/ln	1616	1612	1442	1707	1703	1524	1441	0	0	1794	0	0
Q Serve(g_s), s	0.3	3.8	0.1	3.1	17.4	0.1	0.4	0.0	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	0.3	3.8	0.1	3.1	17.4	0.1	1.0	0.0	0.0	0.6	0.0	0.0
Prop In Lane	1.00		1.00	1.00		1.00	0.36		0.29	0.48		0.05
Lane Grp Cap(c), veh/h	33	2120	949	135	2440	1092	134	0	0	151	0	0
V/C Ratio(X)	0.31	0.27	0.01	0.79	0.77	0.01	0.21	0.00	0.00	0.14	0.00	0.00
Avail Cap(c_a), veh/h	480	2552	1142	507	2696	1206	635	0	0	752	0	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	24.4	3.6	3.0	22.8	4.5	2.1	24.4	0.0	0.0	24.3	0.0	0.0
Incr Delay (d2), s/veh	1.9	0.1	0.0	3.8	1.4	0.0	0.8	0.0	0.0	0.4	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.2	1.6	0.0	1.6	8.2	0.1	0.4	0.0	0.0	0.3	0.0	0.0
LnGrp Delay(d),s/veh	26.3	3.7	3.0	26.6	5.9	2.1	25.2	0.0	0.0	24.7	0.0	0.0
LnGrp LOS	C	A	A	C	A	A	C			C		
Approach Vol, veh/h		593			1988			28			21	
Approach Delay, s/veh		4.1			6.9			25.2			24.7	
Approach LOS		A			A			C			C	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	8.0	37.2		5.3	5.0	40.2		5.3
Change Period (Y+Rc), s	4.0	5.0		4.0	4.5	5.0		4.0
Max Green Setting (Gmax), s	15.0	39.0		20.0	14.5	39.0		20.0
Max Q Clear Time (g_c+I1), s	5.1	5.8		3.0	2.3	19.4		2.6
Green Ext Time (p_c), s	0.1	5.5		0.1	0.0	15.8		0.0

Intersection Summary	
HCM 2010 Ctrl Delay	6.6
HCM 2010 LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	10	10	30	150	20	10	30	500	60	31	1760	40
Future Volume (veh/h)	10	10	30	150	20	10	30	500	60	31	1760	40
Number	3	8	18	7	4	14	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1242	1242	1900	1508	1508	1508	1696	1696	1696	1810	1810	1810
Adj Flow Rate, veh/h	11	11	0	173	0	2	32	526	38	33	1853	25
Adj No. of Lanes	1	1	0	2	0	1	1	2	1	1	2	1
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	53	53	53	26	26	26	12	12	12	5	5	5
Cap, veh/h	22	23	0	262	0	117	38	2157	965	41	2302	1028
Arrive On Green	0.02	0.02	0.00	0.09	0.00	0.09	0.02	0.67	0.67	0.02	0.67	0.67
Sat Flow, veh/h	1183	1242	0	2872	0	1282	1616	3223	1442	1723	3438	1535
Grp Volume(v), veh/h	11	11	0	173	0	2	32	526	38	33	1853	25
Grp Sat Flow(s),veh/h/ln	1183	1242	0	1436	0	1282	1616	1612	1442	1723	1719	1535
Q Serve(g_s), s	0.9	0.9	0.0	5.9	0.0	0.1	2.0	6.5	0.9	1.9	39.1	0.6
Cycle Q Clear(g_c), s	0.9	0.9	0.0	5.9	0.0	0.1	2.0	6.5	0.9	1.9	39.1	0.6
Prop In Lane	1.00		0.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	22	23	0	262	0	117	38	2157	965	41	2302	1028
V/C Ratio(X)	0.51	0.49	0.00	0.66	0.00	0.02	0.84	0.24	0.04	0.80	0.80	0.02
Avail Cap(c_a), veh/h	117	123	0	709	0	316	399	2545	1139	425	2715	1212
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	0.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	49.3	49.3	0.0	44.5	0.0	41.9	49.3	6.6	5.7	49.2	12.0	5.6
Incr Delay (d2), s/veh	17.4	15.2	0.0	9.9	0.0	0.2	16.3	0.1	0.0	12.5	1.8	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.4	0.4	0.0	2.7	0.0	0.1	1.1	2.9	0.4	1.1	18.8	0.2
LnGrp Delay(d),s/veh	66.7	64.5	0.0	54.4	0.0	42.1	65.6	6.7	5.7	61.7	13.8	5.6
LnGrp LOS	E	E		D		D	E	A	A	E	B	A
Approach Vol, veh/h		22			175			596			1911	
Approach Delay, s/veh		65.6			54.3			9.8			14.5	
Approach LOS		E			D			A			B	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	6.4	73.8		14.2	6.4	73.8		6.8
Change Period (Y+Rc), s	4.0	6.0		5.0	4.0	6.0		5.0
Max Green Setting (Gmax), s	25.0	80.0		25.0	25.0	80.0		10.0
Max Q Clear Time (g_c+I1), s	3.9	8.5		7.9	4.0	41.1		2.9
Green Ext Time (p_c), s	0.0	5.4		1.4	0.0	26.7		0.0

Intersection Summary	
HCM 2010 Ctrl Delay	16.4
HCM 2010 LOS	B

Notes

User approved volume balancing among the lanes for turning movement.

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	80	31	71	160	20	91
Future Volume (veh/h)	80	31	71	160	20	91
Number	4	14	3	8	5	12
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1532	1900	1667	1667	1545	1545
Adj Flow Rate, veh/h	95	20	85	190	24	-13
Adj No. of Lanes	1	0	1	1	1	1
Peak Hour Factor	0.84	0.84	0.84	0.84	0.84	0.84
Percent Heavy Veh, %	24	24	14	14	23	23
Cap, veh/h	219	46	141	743	291	377
Arrive On Green	0.18	0.18	0.09	0.45	0.20	0.00
Sat Flow, veh/h	1227	258	1587	1667	1471	1313
Grp Volume(v), veh/h	0	115	85	190	24	-13
Grp Sat Flow(s),veh/h/ln	0	1486	1587	1667	1471	1313
Q Serve(g_s), s	0.0	1.7	1.3	1.8	0.3	0.0
Cycle Q Clear(g_c), s	0.0	1.7	1.3	1.8	0.3	0.0
Prop In Lane		0.17	1.00		1.00	1.00
Lane Grp Cap(c), veh/h	0	265	141	743	291	377
V/C Ratio(X)	0.00	0.43	0.60	0.26	0.08	-0.03
Avail Cap(c_a), veh/h	0	2677	2106	5511	1602	1547
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	0.0	9.2	11.1	4.4	8.3	0.0
Incr Delay (d2), s/veh	0.0	1.1	4.1	0.2	0.1	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.8	0.7	0.8	0.1	0.0
LnGrp Delay(d),s/veh	0.0	10.4	15.2	4.6	8.4	0.0
LnGrp LOS		B	B	A	A	
Approach Vol, veh/h	115			275	11	
Approach Delay, s/veh	10.4			7.8	18.3	
Approach LOS	B			A	B	

Timer	1	2	3	4	5	6	7	8
Assigned Phs		2	3	4				8
Phs Duration (G+Y+Rc), s		9.5	6.7	9.0				15.8
Change Period (Y+Rc), s		4.5	4.5	4.5				4.5
Max Green Setting (Gmax), s		27.5	33.5	45.5				83.5
Max Q Clear Time (g_c+I1), s		2.3	3.3	3.7				3.8
Green Ext Time (p_c), s		0.0	0.2	0.7				1.2

Intersection Summary	
HCM 2010 Ctrl Delay	8.8
HCM 2010 LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	10	10	20	71	10	10	10	570	90	40	1880	20
Future Volume (veh/h)	10	10	20	71	10	10	10	570	90	40	1880	20
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1900	1462	1900	1900	1484	1900	1727	1727	1900	1776	1776	1900
Adj Flow Rate, veh/h	10	10	3	74	10	7	10	594	91	42	1958	21
Adj No. of Lanes	0	1	0	0	1	0	1	2	0	1	2	0
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	30	30	30	28	28	28	10	10	10	7	7	7
Cap, veh/h	104	80	19	170	19	10	16	2084	319	52	2568	27
Arrive On Green	0.11	0.11	0.09	0.11	0.11	0.09	0.01	0.73	0.71	0.03	0.75	0.73
Sat Flow, veh/h	438	756	179	921	180	92	1645	2855	436	1691	3420	37
Grp Volume(v), veh/h	23	0	0	91	0	0	10	341	344	42	964	1015
Grp Sat Flow(s),veh/h/ln	1373	0	0	1194	0	0	1645	1641	1650	1691	1687	1769
Q Serve(g_s), s	0.0	0.0	0.0	5.2	0.0	0.0	0.5	6.4	6.5	2.2	29.8	30.1
Cycle Q Clear(g_c), s	1.3	0.0	0.0	6.5	0.0	0.0	0.5	6.4	6.5	2.2	29.8	30.1
Prop In Lane	0.43		0.13	0.81		0.08	1.00		0.26	1.00		0.02
Lane Grp Cap(c), veh/h	202	0	0	199	0	0	16	1198	1205	52	1267	1329
V/C Ratio(X)	0.11	0.00	0.00	0.46	0.00	0.00	0.62	0.28	0.29	0.81	0.76	0.76
Avail Cap(c_a), veh/h	641	0	0	604	0	0	458	1499	1508	471	1541	1616
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	36.6	0.0	0.0	38.8	0.0	0.0	44.3	4.1	4.2	43.2	6.5	6.5
Incr Delay (d2), s/veh	0.2	0.0	0.0	1.6	0.0	0.0	13.4	0.2	0.2	10.5	2.1	2.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.5	0.0	0.0	2.3	0.0	0.0	0.3	2.9	3.0	1.2	14.1	15.2
LnGrp Delay(d),s/veh	36.8	0.0	0.0	40.4	0.0	0.0	57.7	4.3	4.4	53.7	8.6	8.6
LnGrp LOS	D			D			E	A	A	D	A	A
Approach Vol, veh/h		23			91			695			2021	
Approach Delay, s/veh		36.8			40.4			5.1			9.6	
Approach LOS		D			D			A			A	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	6.8	69.5		13.5	4.9	71.4		13.5
Change Period (Y+Rc), s	4.0	6.0		5.0	4.0	6.0		5.0
Max Green Setting (Gmax), s	25.0	80.0		40.0	25.0	80.0		40.0
Max Q Clear Time (g_c+I1), s	4.2	8.5		3.3	2.5	32.1		8.5
Green Ext Time (p_c), s	0.0	6.5		0.1	0.0	33.3		0.5

Intersection Summary	
HCM 2010 Ctrl Delay	9.7
HCM 2010 LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	20	10	20	110	10	40	40	610	30	30	1891	30
Future Volume (veh/h)	20	10	20	110	10	40	40	610	30	30	1891	30
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1900	1597	1597	1881	1881	1900	1712	1712	1712	1776	1776	1900
Adj Flow Rate, veh/h	20	10	1	124	0	0	41	622	18	31	1930	31
Adj No. of Lanes	0	1	1	2	1	0	1	2	1	1	2	0
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	19	19	19	1	1	1	11	11	11	7	7	7
Cap, veh/h	27	14	36	227	119	0	53	2073	927	45	2146	34
Arrive On Green	0.03	0.03	0.03	0.06	0.00	0.00	0.03	0.64	0.64	0.03	0.63	0.61
Sat Flow, veh/h	1030	515	1357	3583	1881	0	1630	3252	1455	1691	3399	54
Grp Volume(v), veh/h	30	0	1	124	0	0	41	622	18	31	955	1006
Grp Sat Flow(s),veh/h/ln	1545	0	1357	1792	1881	0	1630	1626	1455	1691	1687	1766
Q Serve(g_s), s	1.3	0.0	0.0	2.2	0.0	0.0	1.6	5.6	0.3	1.2	31.2	31.6
Cycle Q Clear(g_c), s	1.3	0.0	0.0	2.2	0.0	0.0	1.6	5.6	0.3	1.2	31.2	31.6
Prop In Lane	0.67		1.00	1.00		0.00	1.00		1.00	1.00		0.03
Lane Grp Cap(c), veh/h	41	0	36	227	119	0	53	2073	927	45	1065	1115
V/C Ratio(X)	0.74	0.00	0.03	0.55	0.00	0.00	0.78	0.30	0.02	0.69	0.90	0.90
Avail Cap(c_a), veh/h	476	0	418	2762	1450	0	377	2081	931	391	1079	1130
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	31.4	0.0	30.8	29.5	0.0	0.0	31.2	5.3	4.3	31.3	10.2	10.3
Incr Delay (d2), s/veh	22.3	0.0	0.3	2.0	0.0	0.0	9.0	0.1	0.0	7.0	10.1	10.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.8	0.0	0.0	1.1	0.0	0.0	0.8	2.5	0.1	0.6	17.3	18.2
LnGrp Delay(d),s/veh	53.7	0.0	31.1	31.5	0.0	0.0	40.1	5.4	4.3	38.3	20.3	20.5
LnGrp LOS	D		C	C			D	A	A	D	C	C
Approach Vol, veh/h		31			124			681			1992	
Approach Delay, s/veh		53.0			31.5			7.5			20.7	
Approach LOS		D			C			A			C	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	5.7	45.3		5.7	6.1	45.0		8.1
Change Period (Y+Rc), s	4.0	5.5		4.0	4.0	5.5		4.0
Max Green Setting (Gmax), s	15.0	40.0		20.0	15.0	40.0		50.0
Max Q Clear Time (g_c+I1), s	3.3	7.6		3.3	3.6	33.6		4.2
Green Ext Time (p_c), s	0.0	6.0		0.1	0.0	5.8		0.4

Intersection Summary	
HCM 2010 Ctrl Delay	18.3
HCM 2010 LOS	B

Notes

User approved pedestrian interval to be less than phase max green.
User approved volume balancing among the lanes for turning movement.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	10	10	50	10	10	0	320	40	10	831	0
Future Volume (veh/h)	0	10	10	50	10	10	0	320	40	10	831	0
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1900	1900	1900	1508	1508	1900	1624	1624	1900	1696	1696	1696
Adj Flow Rate, veh/h	0	11	0	53	11	1	0	340	38	11	884	0
Adj No. of Lanes	1	1	0	2	1	0	1	2	0	1	2	1
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	0	0	0	26	26	26	17	17	17	12	12	12
Cap, veh/h	2	20	0	87	112	10	2	2197	244	17	2694	1205
Arrive On Green	0.00	0.01	0.00	0.03	0.08	0.08	0.00	0.78	0.77	0.01	0.84	0.00
Sat Flow, veh/h	1810	1900	0	2786	1362	124	1547	2801	311	1616	3223	1442
Grp Volume(v), veh/h	0	11	0	53	0	12	0	186	192	11	884	0
Grp Sat Flow(s),veh/h/ln	1810	1900	0	1393	0	1486	1547	1543	1569	1616	1612	1442
Q Serve(g_s), s	0.0	0.6	0.0	1.8	0.0	0.7	0.0	2.9	3.0	0.7	6.1	0.0
Cycle Q Clear(g_c), s	0.0	0.6	0.0	1.8	0.0	0.7	0.0	2.9	3.0	0.7	6.1	0.0
Prop In Lane	1.00		0.00	1.00		0.08	1.00		0.20	1.00		1.00
Lane Grp Cap(c), veh/h	2	20	0	87	0	123	2	1210	1231	17	2694	1205
V/C Ratio(X)	0.00	0.55	0.00	0.61	0.00	0.10	0.00	0.15	0.16	0.64	0.33	0.00
Avail Cap(c_a), veh/h	153	562	0	236	0	167	126	1210	1231	132	2694	1205
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	0.00	0.99	0.00	0.99	0.00	0.98	0.98	1.00	1.00	0.00
Uniform Delay (d), s/veh	0.0	48.2	0.0	46.9	0.0	41.6	0.0	2.6	2.6	48.3	1.8	0.0
Incr Delay (d2), s/veh	0.0	29.3	0.0	2.5	0.0	0.5	0.0	0.3	0.3	14.1	0.3	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.5	0.0	0.7	0.0	0.3	0.0	1.3	1.4	0.4	2.7	0.0
LnGrp Delay(d),s/veh	0.0	77.5	0.0	49.4	0.0	42.1	0.0	2.9	2.9	62.4	2.1	0.0
LnGrp LOS		E		D		D		A	A	E	A	
Approach Vol, veh/h		11			65			378			895	
Approach Delay, s/veh		77.5			48.1			2.9			2.9	
Approach LOS		E			D			A			A	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	5.0	80.9	7.1	5.0	0.0	85.9	0.0	12.1
Change Period (Y+Rc), s	4.0	5.7	4.0	4.0	4.0	5.7	4.0	4.0
Max Green Setting (Gmax), s	8.0	35.0	8.3	29.0	8.0	35.0	8.3	11.0
Max Q Clear Time (g_c+I1), s	2.7	5.0	3.8	2.6	0.0	8.1	0.0	2.7
Green Ext Time (p_c), s	0.0	3.0	0.0	0.0	0.0	8.6	0.0	0.0

Intersection Summary	
HCM 2010 Ctrl Delay	5.7
HCM 2010 LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	20	20	30	200	40	20	30	289	70	40	1120	30
Future Volume (veh/h)	20	20	30	200	40	20	30	289	70	40	1120	30
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.99	1.00		0.98	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1462	1462	1900	1827	1827	1900	1776	1776	1900	1845	1845	1900
Adj Flow Rate, veh/h	21	21	31	208	42	21	31	301	57	42	1167	30
Adj No. of Lanes	1	1	0	1	1	0	1	2	0	1	2	0
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	30	30	30	4	4	4	7	7	7	3	3	3
Cap, veh/h	295	120	178	345	258	129	42	1685	315	53	2092	54
Arrive On Green	0.23	0.23	0.23	0.23	0.23	0.23	0.02	0.59	0.58	0.03	0.60	0.58
Sat Flow, veh/h	1042	532	786	1315	1142	571	1691	2838	531	1757	3492	90
Grp Volume(v), veh/h	21	0	52	208	0	63	31	177	181	42	586	611
Grp Sat Flow(s),veh/h/ln	1042	0	1318	1315	0	1714	1691	1687	1682	1757	1752	1829
Q Serve(g_s), s	1.3	0.0	2.5	12.1	0.0	2.4	1.5	3.8	4.0	1.9	16.1	16.1
Cycle Q Clear(g_c), s	3.7	0.0	2.5	14.7	0.0	2.4	1.5	3.8	4.0	1.9	16.1	16.1
Prop In Lane	1.00		0.60	1.00		0.33	1.00		0.32	1.00		0.05
Lane Grp Cap(c), veh/h	295	0	298	345	0	387	42	1001	998	53	1050	1096
V/C Ratio(X)	0.07	0.00	0.17	0.60	0.00	0.16	0.74	0.18	0.18	0.79	0.56	0.56
Avail Cap(c_a), veh/h	511	0	572	619	0	743	169	1001	998	176	1050	1096
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.99	0.00	0.99	1.00	0.00	1.00	0.98	0.98	0.98	1.00	1.00	1.00
Uniform Delay (d), s/veh	26.4	0.0	24.9	30.8	0.0	24.9	38.7	7.4	7.5	38.5	9.7	9.7
Incr Delay (d2), s/veh	0.1	0.0	0.2	1.5	0.0	0.2	8.8	0.4	0.4	9.2	2.1	2.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.4	0.0	0.9	4.5	0.0	1.1	0.8	1.9	1.9	1.1	8.3	8.6
LnGrp Delay(d),s/veh	26.4	0.0	25.2	32.4	0.0	25.0	47.5	7.8	7.9	47.7	11.8	11.7
LnGrp LOS	C		C	C		C	D	A	A	D	B	B
Approach Vol, veh/h		73			271			389			1239	
Approach Delay, s/veh		25.6			30.7			11.0			13.0	
Approach LOS		C			C			B			B	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	6.4	51.5		22.1	6.0	51.9		22.1
Change Period (Y+Rc), s	4.0	5.3		4.0	4.0	5.3		4.0
Max Green Setting (Gmax), s	8.6	24.0		34.7	8.0	24.0		34.7
Max Q Clear Time (g_c+I1), s	3.5	6.0		5.7	3.5	18.1		16.7
Green Ext Time (p_c), s	0.0	2.8		0.3	0.0	4.4		0.8

Intersection Summary	
HCM 2010 Ctrl Delay	15.5
HCM 2010 LOS	B

Notes

User approved pedestrian interval to be less than phase max green.

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	170	61	328	80	190	1160
Future Volume (veh/h)	170	61	328	80	190	1160
Number	3	18	2	12	1	6
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1881	1881	1792	1900	1845	1845
Adj Flow Rate, veh/h	175	63	338	63	196	1196
Adj No. of Lanes	2	1	2	0	1	2
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %	1	1	6	6	3	3
Cap, veh/h	270	124	1838	339	233	2882
Arrive On Green	0.08	0.08	0.64	0.62	0.13	0.82
Sat Flow, veh/h	3476	1599	2962	530	1757	3597
Grp Volume(v), veh/h	175	63	199	202	196	1196
Grp Sat Flow(s),veh/h/ln	1738	1599	1703	1699	1757	1752
Q Serve(g_s), s	3.9	3.0	3.8	3.9	8.7	7.4
Cycle Q Clear(g_c), s	3.9	3.0	3.8	3.9	8.7	7.4
Prop In Lane	1.00	1.00		0.31	1.00	
Lane Grp Cap(c), veh/h	270	124	1089	1087	233	2882
V/C Ratio(X)	0.65	0.51	0.18	0.19	0.84	0.41
Avail Cap(c_a), veh/h	726	334	1089	1087	264	2882
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	0.99	0.99	0.78	0.78
Uniform Delay (d), s/veh	35.8	35.4	5.9	6.0	33.9	1.9
Incr Delay (d2), s/veh	1.0	1.2	0.4	0.4	14.1	0.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.9	1.4	1.9	1.9	5.1	3.6
LnGrp Delay(d),s/veh	36.8	36.6	6.2	6.4	48.0	2.3
LnGrp LOS	D	D	A	A	D	A
Approach Vol, veh/h	238		401			1392
Approach Delay, s/veh	36.8		6.3			8.7
Approach LOS	D		A			A

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2				6		8
Phs Duration (G+Y+Rc), s	14.6	55.2				69.8		10.2
Change Period (Y+Rc), s	4.0	5.3				5.3		4.0
Max Green Setting (Gmax), s	12.6	38.0				54.0		16.7
Max Q Clear Time (g_c+I1), s	10.7	5.9				9.4		5.9
Green Ext Time (p_c), s	0.0	3.7				17.3		0.3

Intersection Summary	
HCM 2010 Ctrl Delay	11.5
HCM 2010 LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	90	0	71	0	338	60	60	1270	0
Future Volume (veh/h)	0	0	0	90	0	71	0	338	60	60	1270	0
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	0.99		0.99	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1900	1863	1900	1900	1845	1845	1776	1776	1900	1845	1845	1900
Adj Flow Rate, veh/h	0	0	0	93	0	6	0	348	52	62	1309	0
Adj No. of Lanes	0	1	0	0	1	1	1	2	0	1	2	0
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %	2	2	2	3	3	3	7	7	7	3	3	3
Cap, veh/h	0	2	0	122	0	109	2	2168	321	78	2909	0
Arrive On Green	0.00	0.00	0.00	0.07	0.00	0.07	0.00	0.74	0.72	0.09	1.00	0.00
Sat Flow, veh/h	0	1863	0	1743	0	1555	1691	2949	437	1757	3597	0
Grp Volume(v), veh/h	0	0	0	93	0	6	0	198	202	62	1309	0
Grp Sat Flow(s),veh/h/ln	0	1863	0	1743	0	1555	1691	1687	1698	1757	1752	0
Q Serve(g_s), s	0.0	0.0	0.0	4.2	0.0	0.3	0.0	2.8	2.9	2.8	0.0	0.0
Cycle Q Clear(g_c), s	0.0	0.0	0.0	4.2	0.0	0.3	0.0	2.8	2.9	2.8	0.0	0.0
Prop In Lane	0.00		0.00	1.00		1.00	1.00		0.26	1.00		0.00
Lane Grp Cap(c), veh/h	0	2	0	122	0	109	2	1240	1249	78	2909	0
V/C Ratio(X)	0.00	0.00	0.00	0.76	0.00	0.06	0.00	0.16	0.16	0.79	0.45	0.00
Avail Cap(c_a), veh/h	0	203	0	218	0	194	169	1240	1249	176	2909	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	2.00	2.00
Upstream Filter(I)	0.00	0.00	0.00	1.00	0.00	1.00	0.00	0.99	0.99	0.90	0.90	0.00
Uniform Delay (d), s/veh	0.0	0.0	0.0	36.5	0.0	34.7	0.0	3.2	3.2	36.1	0.0	0.0
Incr Delay (d2), s/veh	0.0	0.0	0.0	7.1	0.0	0.2	0.0	0.3	0.3	5.9	0.5	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.0	2.3	0.0	0.1	0.0	1.4	1.4	1.5	0.2	0.0
LnGrp Delay(d),s/veh	0.0	0.0	0.0	43.6	0.0	34.9	0.0	3.4	3.5	41.9	0.5	0.0
LnGrp LOS				D		C		A	A	D	A	
Approach Vol, veh/h		0			99			400			1371	
Approach Delay, s/veh		0.0			43.1			3.5			2.3	
Approach LOS					D			A			A	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	7.6	62.8		0.0	0.0	70.4		9.6
Change Period (Y+Rc), s	4.0	5.3		4.0	4.0	5.3		4.0
Max Green Setting (Gmax), s	3.6	36.0		8.7	8.0	36.0		10.0
Max Q Clear Time (g_c+I1), s	4.8	4.9		0.0	0.0	2.0		6.2
Green Ext Time (p_c), s	0.0	3.6		0.0	0.0	17.4		0.1

Intersection Summary	
HCM 2010 Ctrl Delay	4.7
HCM 2010 LOS	A

Notes

User approved pedestrian interval to be less than phase max green.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	50	20	20	30	20	50	40	298	50	140	1100	120
Future Volume (veh/h)	50	20	20	30	20	50	40	298	50	140	1100	120
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1827	1827	1827	1900	1681	1900	1759	1759	1900	1863	1863	1900
Adj Flow Rate, veh/h	51	20	0	31	20	2	41	304	40	143	1122	117
Adj No. of Lanes	1	1	1	0	2	0	1	2	0	1	2	0
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	4	4	4	13	13	13	8	8	8	2	2	2
Cap, veh/h	96	101	86	87	82	8	59	1838	240	168	2190	228
Arrive On Green	0.06	0.06	0.00	0.05	0.05	0.05	0.04	0.62	0.60	0.09	0.68	0.66
Sat Flow, veh/h	1740	1827	1553	1601	1504	150	1675	2974	388	1774	3236	337
Grp Volume(v), veh/h	51	20	0	31	0	22	41	170	174	143	613	626
Grp Sat Flow(s),veh/h/ln	1740	1827	1553	1601	0	1654	1675	1671	1691	1774	1770	1803
Q Serve(g_s), s	2.6	0.9	0.0	1.7	0.0	1.1	2.2	3.9	4.0	7.1	15.4	15.6
Cycle Q Clear(g_c), s	2.6	0.9	0.0	1.7	0.0	1.1	2.2	3.9	4.0	7.1	15.4	15.6
Prop In Lane	1.00		1.00	1.00		0.09	1.00		0.23	1.00		0.19
Lane Grp Cap(c), veh/h	96	101	86	87	0	90	59	1033	1045	168	1198	1221
V/C Ratio(X)	0.53	0.20	0.00	0.36	0.00	0.24	0.69	0.16	0.17	0.85	0.51	0.51
Avail Cap(c_a), veh/h	323	339	288	276	0	285	149	1033	1045	168	1198	1221
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	0.00	1.00	0.00	1.00	1.00	1.00	1.00	0.88	0.88	0.88
Uniform Delay (d), s/veh	41.4	40.6	0.0	41.0	0.0	40.8	42.9	7.3	7.4	40.1	7.2	7.3
Incr Delay (d2), s/veh	3.3	0.7	0.0	0.9	0.0	0.5	15.8	0.3	0.3	28.2	1.4	1.4
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.3	0.5	0.0	0.8	0.0	0.5	1.3	1.9	2.0	4.8	7.8	8.1
LnGrp Delay(d),s/veh	44.7	41.3	0.0	41.9	0.0	41.3	58.7	7.7	7.7	68.3	8.6	8.6
LnGrp LOS	D	D		D		D	E	A	A	E	A	A
Approach Vol, veh/h		71			53			385			1382	
Approach Delay, s/veh		43.7			41.7			13.1			14.8	
Approach LOS		D			D			B			B	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	12.5	59.6		9.0	7.2	64.9		8.9
Change Period (Y+Rc), s	4.0	5.3		4.0	4.5	5.3		4.5
Max Green Setting (Gmax), s	8.5	32.0		16.7	7.5	22.5		15.0
Max Q Clear Time (g_c+I1), s	9.1	6.0		4.6	4.2	17.6		3.7
Green Ext Time (p_c), s	0.0	2.9		0.1	0.0	3.7		0.1

Intersection Summary	
HCM 2010 Ctrl Delay	16.3
HCM 2010 LOS	B

Notes

User approved pedestrian interval to be less than phase max green.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	70	120	158	90	260	0	0	880	330
Future Volume (veh/h)	0	0	0	70	120	158	90	260	0	0	880	330
Number				7	4	14	5	2	12	1	6	16
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln				1900	1772	1900	1863	1759	0	0	1828	1863
Adj Flow Rate, veh/h				75	129	50	97	280	0	0	946	355
Adj No. of Lanes				0	2	0	1	2	0	0	2	1
Peak Hour Factor				0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Percent Heavy Veh, %				0	2	0	2	8	0	0	4	2
Cap, veh/h				147	262	105	152	2196	0	0	1640	710
Arrive On Green				0.12	0.15	0.15	0.09	0.66	0.00	0.00	0.45	0.45
Sat Flow, veh/h				963	1722	689	1774	3431	0	0	3656	1583
Grp Volume(v), veh/h				134	0	120	97	280	0	0	946	355
Grp Sat Flow(s),veh/h/ln				1724	0	1650	1774	1671	0	0	1828	1583
Q Serve(g_s), s				2.7	0.0	2.4	1.9	1.2	0.0	0.0	7.1	5.8
Cycle Q Clear(g_c), s				2.7	0.0	2.4	1.9	1.2	0.0	0.0	7.1	5.8
Prop In Lane				0.56		0.42	1.00		0.00	0.00		1.00
Lane Grp Cap(c), veh/h				262	0	251	152	2196	0	0	1640	710
V/C Ratio(X)				0.51	0.00	0.48	0.64	0.13	0.00	0.00	0.58	0.50
Avail Cap(c_a), veh/h				987	0	945	460	2196	0	0	1895	820
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	1.00
Uniform Delay (d), s/veh				14.6	0.0	14.2	16.2	2.4	0.0	0.0	7.5	7.2
Incr Delay (d2), s/veh				1.9	0.0	1.7	4.4	0.0	0.0	0.0	0.7	1.2
Initial Q Delay(d3),s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				1.4	0.0	1.2	1.1	0.5	0.0	0.0	3.7	2.7
LnGrp Delay(d),s/veh				16.4	0.0	15.9	20.6	2.4	0.0	0.0	8.2	8.4
LnGrp LOS				B		B	C	A			A	A
Approach Vol, veh/h					254			377			1301	
Approach Delay, s/veh					16.2			7.1			8.2	
Approach LOS					B			A			A	

Timer	1	2	3	4	5	6	7	8
Assigned Phs		2		4	5	6		
Phs Duration (G+Y+Rc), s		28.1		8.6	7.6	20.4		
Change Period (Y+Rc), s		4.0		3.0	4.5	4.0		
Max Green Setting (Gmax), s		18.0		21.0	9.5	19.0		
Max Q Clear Time (g_c+I1), s		3.2		4.7	3.9	9.1		
Green Ext Time (p_c), s		1.9		1.4	0.1	7.4		

Intersection Summary	
HCM 2010 Ctrl Delay	9.1
HCM 2010 LOS	A

Notes

User approved pedestrian interval to be less than phase max green.
User approved volume balancing among the lanes for turning movement.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	130	150	80	0	0	0	0	180	180	610	370	0
Future Volume (veh/h)	130	150	80	0	0	0	0	180	180	610	370	0
Number	7	4	14				5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1792	1792	1792				0	1624	1624	1810	1810	0
Adj Flow Rate, veh/h	140	161	9				0	194	97	656	398	0
Adj No. of Lanes	1	1	1				0	2	1	1	2	0
Peak Hour Factor	0.93	0.93	0.93				0.93	0.93	0.93	0.93	0.93	0.93
Percent Heavy Veh, %	6	6	6				0	17	17	5	5	0
Cap, veh/h	222	233	198				0	551	234	646	2303	0
Arrive On Green	0.13	0.13	0.13				0.00	0.17	0.17	0.38	0.67	0.00
Sat Flow, veh/h	1707	1792	1524				0	3248	1380	1723	3529	0
Grp Volume(v), veh/h	140	161	9				0	194	97	656	398	0
Grp Sat Flow(s),veh/h/ln	1707	1792	1524				0	1624	1380	1723	1719	0
Q Serve(g_s), s	3.1	3.4	0.2				0.0	2.1	2.5	15.0	1.7	0.0
Cycle Q Clear(g_c), s	3.1	3.4	0.2				0.0	2.1	2.5	15.0	1.7	0.0
Prop In Lane	1.00		1.00				0.00		1.00	1.00		0.00
Lane Grp Cap(c), veh/h	222	233	198				0	551	234	646	2303	0
V/C Ratio(X)	0.63	0.69	0.05				0.00	0.35	0.41	1.01	0.17	0.00
Avail Cap(c_a), veh/h	726	762	648				0	1543	656	646	2303	0
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00				0.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	16.5	16.6	15.2				0.0	14.7	14.8	12.5	2.5	0.0
Incr Delay (d2), s/veh	2.9	3.6	0.1				0.0	0.8	2.5	39.2	0.1	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.6	1.9	0.1				0.0	1.0	1.1	14.0	0.8	0.0
LnGrp Delay(d),s/veh	19.4	20.2	15.3				0.0	15.5	17.3	51.7	2.5	0.0
LnGrp LOS	B	C	B					B	B	F	A	
Approach Vol, veh/h		310						291			1054	
Approach Delay, s/veh		19.7						16.1			33.1	
Approach LOS		B						B			C	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4		6		
Phs Duration (G+Y+Rc), s	20.0	10.8		9.2		30.8		
Change Period (Y+Rc), s	4.0	* 4		3.0		4.0		
Max Green Setting (Gmax), s	16.0	* 19		18.0		18.0		
Max Q Clear Time (g_c+I1), s	17.0	4.5		5.4		3.7		
Green Ext Time (p_c), s	0.0	2.3		1.0		2.8		

Intersection Summary	
HCM 2010 Ctrl Delay	27.6
HCM 2010 LOS	C

Notes

User approved volume balancing among the lanes for turning movement.

* HCM 2010 computational engine requires equal clearance times for the phases crossing the barrier.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	10	10	10	110	50	63	40	237	30	180	611	70
Future Volume (veh/h)	10	10	10	110	50	63	40	237	30	180	611	70
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	90	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1776	1776	1776	1624	1624	1624	1776	1776	1776	1667	1667	1667
Adj Flow Rate, veh/h	11	11	0	84	97	30	42	249	0	189	643	32
Adj No. of Lanes	1	1	1	1	1	2	1	2	1	1	2	1
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	7	7	7	17	17	17	7	7	7	14	14	14
Cap, veh/h	90	94	80	141	148	1550	30	483	216	581	1892	846
Arrive On Green	0.09	0.09	0.00	0.11	0.11	0.11	0.01	0.22	0.00	0.16	0.37	0.37
Sat Flow, veh/h	1691	1776	1509	1547	1624	2761	1691	3374	1509	1587	3167	1417
Grp Volume(v), veh/h	11	11	0	84	97	30	42	249	0	189	643	32
Grp Sat Flow(s),veh/h/ln	1691	1776	1509	1547	1624	1380	1691	1687	1509	1587	1583	1417
Q Serve(g_s), s	0.2	0.2	0.0	2.0	2.2	0.3	0.4	2.4	0.0	4.4	6.1	0.6
Cycle Q Clear(g_c), s	0.2	0.2	0.0	2.0	2.2	0.3	0.4	2.4	0.0	4.4	6.1	0.6
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	90	94	80	141	148	1550	30	483	216	581	1892	846
V/C Ratio(X)	0.12	0.12	0.00	0.60	0.66	0.02	1.39	0.52	0.00	0.33	0.34	0.04
Avail Cap(c_a), veh/h	859	902	766	1087	1142	2381	837	2679	1199	2066	2515	1125
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	34.2	34.2	0.0	32.9	33.1	6.4	42.7	30.6	0.0	16.9	6.8	5.5
Incr Delay (d2), s/veh	0.2	0.2	0.0	1.5	1.8	0.0	192.7	0.9	0.0	0.4	0.2	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	255.7	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.2	0.2	0.0	1.7	2.0	0.1	2.3	2.5	0.0	53.0	3.0	0.3
LnGrp Delay(d),s/veh	34.5	34.4	0.0	34.4	34.9	6.4	235.5	31.5	0.0	273.1	6.9	5.5
LnGrp LOS	C	C		C	C	A	F	C		F	A	A
Approach Vol, veh/h		22			211			291			864	
Approach Delay, s/veh		34.4			30.6			60.9			65.1	
Approach LOS		C			C			E			E	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	10.1	12.6		7.5	4.4	18.3		8.1
Change Period (Y+Rc), s	4.0	4.5		3.5	3.0	4.5		4.0
Max Green Setting (Gmax), s	6.0	30.0		20.0	20.0	30.0		27.0
Max Q Clear Time (g_c+I1), s	6.4	4.4		2.2	2.4	8.1		4.2
Green Ext Time (p_c), s	0.7	1.4		0.0	0.0	5.7		0.4

Intersection Summary	
HCM 2010 Ctrl Delay	58.5
HCM 2010 LOS	E

Notes

User approved pedestrian interval to be less than phase max green.
User approved volume balancing among the lanes for turning movement.

Intersection	
Intersection Delay, s/veh	8.1
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	10	10	10	80	10	10	10	91	40	17	75	10
Future Vol, veh/h	10	10	10	80	10	10	10	91	40	17	75	10
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	11	11	11	85	11	11	11	97	43	18	80	11
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7.7	8.4	8.1	8.1
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	7%	33%	80%	17%
Vol Thru, %	65%	33%	10%	74%
Vol Right, %	28%	33%	10%	10%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	141	30	100	102
LT Vol	10	10	80	17
Through Vol	91	10	10	75
RT Vol	40	10	10	10
Lane Flow Rate	150	32	106	109
Geometry Grp	1	1	1	1
Degree of Util (X)	0.176	0.04	0.137	0.133
Departure Headway (Hd)	4.227	4.504	4.645	4.396
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	851	796	773	817
Service Time	2.242	2.525	2.664	2.413
HCM Lane V/C Ratio	0.176	0.04	0.137	0.133
HCM Control Delay	8.1	7.7	8.4	8.1
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.6	0.1	0.5	0.5

Intersection	
Int Delay, s/veh	2.7

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	45	40	30	110	120	61
Future Vol, veh/h	45	40	30	110	120	61
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	145
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	48	43	32	117	128	65

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	309	128	193	0	-	0
Stage 1	128	-	-	-	-	-
Stage 2	181	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	683	922	1380	-	-	-
Stage 1	898	-	-	-	-	-
Stage 2	850	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	666	922	1380	-	-	-
Mov Cap-2 Maneuver	666	-	-	-	-	-
Stage 1	876	-	-	-	-	-
Stage 2	850	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	10.3	1.6	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1380	-	766	-	-
HCM Lane V/C Ratio	0.023	-	0.118	-	-
HCM Control Delay (s)	7.7	0	10.3	-	-
HCM Lane LOS	A	A	B	-	-
HCM 95th %tile Q(veh)	0.1	-	0.4	-	-

Intersection	
Intersection Delay, s/veh	9
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	30	50	20	70	20	41	10	70	40	40	130	20
Future Vol, veh/h	30	50	20	70	20	41	10	70	40	40	130	20
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Heavy Vehicles, %	0	0	0	1	1	1	7	7	7	3	3	3
Mvmt Flow	32	53	21	74	21	44	11	74	43	43	138	21
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	8.6	8.9	8.7	9.4
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	8%	30%	53%	21%
Vol Thru, %	58%	50%	15%	68%
Vol Right, %	33%	20%	31%	11%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	120	100	131	190
LT Vol	10	30	70	40
Through Vol	70	50	20	130
RT Vol	40	20	41	20
Lane Flow Rate	128	106	139	202
Geometry Grp	1	1	1	1
Degree of Util (X)	0.166	0.142	0.184	0.262
Departure Headway (Hd)	4.67	4.792	4.747	4.673
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	765	745	753	766
Service Time	2.718	2.844	2.795	2.717
HCM Lane V/C Ratio	0.167	0.142	0.185	0.264
HCM Control Delay	8.7	8.6	8.9	9.4
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.6	0.5	0.7	1

Intersection	
Int Delay, s/veh	3.3

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	51	120	160	10	30	71
Future Vol, veh/h	51	120	160	10	30	71
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	178	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	54	128	170	11	32	76

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	181	0	-	0	412	176
Stage 1	-	-	-	-	176	-
Stage 2	-	-	-	-	236	-
Critical Hdwy	4.12	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	2.218	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	1394	-	-	-	596	867
Stage 1	-	-	-	-	855	-
Stage 2	-	-	-	-	803	-
Platoon blocked, %			-	-	-	
Mov Cap-1 Maneuver	1394	-	-	-	573	867
Mov Cap-2 Maneuver	-	-	-	-	573	-
Stage 1	-	-	-	-	822	-
Stage 2	-	-	-	-	803	-

Approach	EB	WB	SB
HCM Control Delay, s	2.3	0	10.6
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1394	-	-	-	752
HCM Lane V/C Ratio	0.039	-	-	-	0.143
HCM Control Delay (s)	7.7	-	-	-	10.6
HCM Lane LOS	A	-	-	-	B
HCM 95th %tile Q(veh)	0.1	-	-	-	0.5

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	50	30	220	80	50	30	112	810	30	10	1050	73
Future Volume (veh/h)	50	30	220	80	50	30	112	810	30	10	1050	73
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1900	1863	1863	1900	1863	1900	1863	1863	1863	1863	1863	1900
Adj Flow Rate, veh/h	53	32	0	85	53	21	119	862	0	11	1117	74
Adj No. of Lanes	0	1	1	0	1	0	1	2	1	1	2	0
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	244	115	219	227	84	30	173	2060	922	30	1691	112
Arrive On Green	0.14	0.14	0.00	0.13	0.14	0.13	0.10	0.58	0.00	0.02	0.50	0.49
Sat Flow, veh/h	877	831	1583	804	607	215	1774	3539	1583	1774	3370	223
Grp Volume(v), veh/h	85	0	0	159	0	0	119	862	0	11	586	605
Grp Sat Flow(s),veh/h/ln	1708	0	1583	1626	0	0	1774	1770	1583	1774	1770	1823
Q Serve(g_s), s	0.0	0.0	0.0	2.4	0.0	0.0	3.1	6.4	0.0	0.3	11.7	11.8
Cycle Q Clear(g_c), s	2.0	0.0	0.0	4.4	0.0	0.0	3.1	6.4	0.0	0.3	11.7	11.8
Prop In Lane	0.62		1.00	0.53		0.13	1.00		1.00	1.00		0.12
Lane Grp Cap(c), veh/h	359	0	219	323	0	0	173	2060	922	30	888	915
V/C Ratio(X)	0.24	0.00	0.00	0.49	0.00	0.00	0.69	0.42	0.00	0.36	0.66	0.66
Avail Cap(c_a), veh/h	980	0	882	998	0	0	802	2269	1015	988	1135	1169
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	18.5	0.0	0.0	19.6	0.0	0.0	20.8	5.5	0.0	23.1	8.8	8.9
Incr Delay (d2), s/veh	0.1	0.0	0.0	0.4	0.0	0.0	1.8	0.2	0.0	2.7	1.3	1.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.0	0.0	0.0	2.0	0.0	0.0	1.6	3.0	0.0	0.2	5.9	6.0
LnGrp Delay(d),s/veh	18.6	0.0	0.0	20.1	0.0	0.0	22.6	5.7	0.0	25.8	10.1	10.1
LnGrp LOS	B			C			C	A		C	B	B
Approach Vol, veh/h		85			159			981			1202	
Approach Delay, s/veh		18.6			20.1			7.7			10.3	
Approach LOS		B			C			A			B	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	4.3	32.2		11.1	8.1	28.4		11.1
Change Period (Y+Rc), s	4.0	5.0		5.0	4.0	5.0		* 5
Max Green Setting (Gmax), s	26.0	30.0		26.0	21.0	30.0		* 27
Max Q Clear Time (g_c+I1), s	2.3	8.4		4.0	5.1	13.8		6.4
Green Ext Time (p_c), s	0.0	8.5		0.2	0.1	9.6		0.5

Intersection Summary	
HCM 2010 Ctrl Delay	10.2
HCM 2010 LOS	B

Notes

* HCM 2010 computational engine requires equal clearance times for the phases crossing the barrier.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	190	1398	120	220	372	300	200	120	730	120	250	623
Future Volume (veh/h)	190	1398	120	220	372	300	200	120	730	120	250	623
Number	5	2	12	1	6	16	3	8	18	7	4	14
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1863	1863	1863	1863	1863	1863	1863	1845	1845	1845
Adj Flow Rate, veh/h	196	1441	75	227	384	0	206	124	283	124	258	99
Adj No. of Lanes	1	3	1	2	1	1	1	1	2	1	1	2
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	3	3	3
Cap, veh/h	219	2609	810	295	885	753	228	370	551	146	283	423
Arrive On Green	0.12	0.51	0.51	0.09	0.48	0.00	0.13	0.20	0.20	0.08	0.15	0.15
Sat Flow, veh/h	1774	5085	1579	3442	1863	1583	1774	1863	2774	1757	1845	2760
Grp Volume(v), veh/h	196	1441	75	227	384	0	206	124	283	124	258	99
Grp Sat Flow(s),veh/h/ln	1774	1695	1579	1721	1863	1583	1774	1863	1387	1757	1845	1380
Q Serve(g_s), s	15.2	27.0	3.4	9.0	19.1	0.0	16.0	8.0	12.7	9.7	19.3	4.4
Cycle Q Clear(g_c), s	15.2	27.0	3.4	9.0	19.1	0.0	16.0	8.0	12.7	9.7	19.3	4.4
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	219	2609	810	295	885	753	228	370	551	146	283	423
V/C Ratio(X)	0.90	0.55	0.09	0.77	0.43	0.00	0.90	0.33	0.51	0.85	0.91	0.23
Avail Cap(c_a), veh/h	329	2609	810	442	885	753	253	612	911	201	540	808
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	60.5	23.2	17.4	62.6	24.3	0.0	60.1	48.1	50.0	63.3	58.3	52.1
Incr Delay (d2), s/veh	13.9	0.8	0.2	2.1	1.5	0.0	28.7	0.2	0.3	16.3	4.7	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	8.3	12.7	1.5	4.4	10.2	0.0	9.7	4.2	4.9	5.4	10.2	1.7
LnGrp Delay(d),s/veh	74.4	24.0	17.7	64.7	25.8	0.0	88.8	48.3	50.3	79.6	63.1	52.2
LnGrp LOS	E	C	B	E	C		F	D	D	E	E	D
Approach Vol, veh/h		1712			611			613			481	
Approach Delay, s/veh		29.5			40.3			62.9			65.1	
Approach LOS		C			D			E			E	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	15.7	76.9	21.7	25.7	21.0	71.6	15.4	32.0
Change Period (Y+Rc), s	3.7	5.1	3.7	* 4.2	3.7	5.1	3.7	* 4.2
Max Green Setting (Gmax), s	18.0	43.3	20.0	* 41	26.0	35.3	16.0	* 46
Max Q Clear Time (g_c+I1), s	11.0	29.0	18.0	21.3	17.2	21.1	11.7	14.7
Green Ext Time (p_c), s	0.0	2.0	0.0	0.2	0.0	0.2	0.0	0.2

Intersection Summary	
HCM 2010 Ctrl Delay	42.4
HCM 2010 LOS	D

Notes

* HCM 2010 computational engine requires equal clearance times for the phases crossing the barrier.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	631	1586	40	103	641	500	40	1010	72	160	352	203
Future Volume (veh/h)	631	1586	40	103	641	500	40	1010	72	160	352	203
Number	5	2	12	1	6	16	3	8	18	7	4	14
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1900	1827	1827	1827	1881	1881	1881	1863	1863	1863
Adj Flow Rate, veh/h	657	1652	40	107	668	0	42	1052	20	167	367	74
Adj No. of Lanes	2	3	0	2	3	1	1	2	1	1	2	1
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	2	2	2	4	4	4	1	1	1	2	2	2
Cap, veh/h	727	1855	45	141	966	301	54	923	413	195	1197	535
Arrive On Green	0.21	0.36	0.36	0.04	0.19	0.00	0.03	0.26	0.26	0.11	0.34	0.34
Sat Flow, veh/h	3442	5107	124	3375	4988	1553	1792	3574	1597	1774	3539	1581
Grp Volume(v), veh/h	657	1097	595	107	668	0	42	1052	20	167	367	74
Grp Sat Flow(s),veh/h/ln	1721	1695	1840	1688	1663	1553	1792	1787	1597	1774	1770	1581
Q Serve(g_s), s	22.3	36.5	36.5	3.8	15.0	0.0	2.8	31.0	1.1	11.1	9.2	3.9
Cycle Q Clear(g_c), s	22.3	36.5	36.5	3.8	15.0	0.0	2.8	31.0	1.1	11.1	9.2	3.9
Prop In Lane	1.00		0.07	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	727	1231	668	141	966	301	54	923	413	195	1197	535
V/C Ratio(X)	0.90	0.89	0.89	0.76	0.69	0.00	0.78	1.14	0.05	0.86	0.31	0.14
Avail Cap(c_a), veh/h	860	1231	668	141	966	301	72	923	413	263	1298	580
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.39	0.39	0.39	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	46.1	36.0	36.0	56.9	45.0	0.0	57.8	44.5	33.4	52.5	29.3	27.6
Incr Delay (d2), s/veh	4.9	4.2	7.4	20.5	4.1	0.0	28.0	75.9	0.1	18.2	0.2	0.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	11.1	17.8	19.9	2.2	7.2	0.0	1.8	25.0	0.5	6.4	4.5	1.7
LnGrp Delay(d),s/veh	51.0	40.2	43.3	77.4	49.1	0.0	85.8	120.4	33.5	70.6	29.6	27.8
LnGrp LOS	D	D	D	E	D		F	F	C	E	C	C
Approach Vol, veh/h		2349			775			1114			608	
Approach Delay, s/veh		44.0			53.0			117.5			40.6	
Approach LOS		D			D			F			D	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	12.0	50.8	9.6	47.6	32.4	30.4	19.2	38.0
Change Period (Y+Rc), s	7.0	7.2	6.0	7.0	7.0	7.2	6.0	7.0
Max Green Setting (Gmax), s	5.0	39.0	4.8	44.0	30.0	14.0	17.8	31.0
Max Q Clear Time (g_c+I1), s	5.8	38.5	4.8	11.2	24.3	17.0	13.1	33.0
Green Ext Time (p_c), s	0.0	0.4	0.0	4.4	1.0	0.0	0.2	0.0

Intersection Summary	
HCM 2010 Ctrl Delay	61.9
HCM 2010 LOS	E

Notes

User approved pedestrian interval to be less than phase max green.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	60	1867	210	80	565	240	70	30	170	220	50	90
Future Volume (veh/h)	60	1867	210	80	565	240	70	30	170	220	50	90
Number	5	2	12	1	6	16	3	8	18	7	4	14
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		0.99	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1881	1881	1881	1792	1792	1792	1881	1881	1881	1792	1792	1792
Adj Flow Rate, veh/h	64	1986	118	85	601	128	74	32	10	234	53	30
Adj No. of Lanes	2	3	1	1	3	1	1	1	1	1	1	1
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	1	1	1	6	6	6	1	1	1	6	6	6
Cap, veh/h	108	2393	745	106	2413	751	99	145	122	279	339	284
Arrive On Green	0.03	0.47	0.47	0.06	0.49	0.49	0.06	0.08	0.08	0.16	0.19	0.19
Sat Flow, veh/h	3476	5136	1598	1707	4893	1523	1792	1881	1580	1707	1792	1501
Grp Volume(v), veh/h	64	1986	118	85	601	128	74	32	10	234	53	30
Grp Sat Flow(s),veh/h/ln	1738	1712	1598	1707	1631	1523	1792	1881	1580	1707	1792	1501
Q Serve(g_s), s	2.2	41.5	5.2	6.1	8.7	5.7	5.0	2.0	0.7	16.4	3.0	2.0
Cycle Q Clear(g_c), s	2.2	41.5	5.2	6.1	8.7	5.7	5.0	2.0	0.7	16.4	3.0	2.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	108	2393	745	106	2413	751	99	145	122	279	339	284
V/C Ratio(X)	0.59	0.83	0.16	0.80	0.25	0.17	0.75	0.22	0.08	0.84	0.16	0.11
Avail Cap(c_a), veh/h	847	2502	778	347	2413	751	436	458	385	693	437	366
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	58.9	28.6	19.0	57.0	18.0	17.3	57.3	53.4	52.8	50.0	41.7	41.3
Incr Delay (d2), s/veh	1.9	2.5	0.1	5.1	0.1	0.2	21.1	1.1	0.4	13.2	0.3	0.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.1	20.1	2.3	3.0	4.0	2.4	3.1	1.1	0.3	8.8	1.5	0.9
LnGrp Delay(d),s/veh	60.8	31.2	19.1	62.1	18.1	17.4	78.5	54.5	53.2	63.2	42.0	41.6
LnGrp LOS	E	C	B	E	B	B	E	D	D	E	D	D
Approach Vol, veh/h		2168			814			116			317	
Approach Delay, s/veh		31.4			22.6			69.7			57.6	
Approach LOS		C			C			E			E	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	14.7	64.4	13.8	30.3	11.3	67.7	27.6	16.5
Change Period (Y+Rc), s	7.0	7.0	7.0	7.0	7.5	7.0	7.5	7.0
Max Green Setting (Gmax), s	25.0	60.0	30.0	30.0	30.0	60.0	50.0	30.0
Max Q Clear Time (g_c+I1), s	10.7	43.5	7.0	5.0	4.2	10.7	18.4	4.0
Green Ext Time (p_c), s	0.1	13.9	0.4	0.4	0.1	6.9	1.7	0.2

Intersection Summary	
HCM 2010 Ctrl Delay	33.0
HCM 2010 LOS	C

Notes

User approved pedestrian interval to be less than phase max green.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	30	2018	1081	60	625	40	150	60	80	40	70	20
Future Volume (veh/h)	30	2018	1081	60	625	40	150	60	80	40	70	20
Number	5	2	12	1	6	16	3	8	18	7	4	14
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		0.98	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1863	1776	1776	1776	1827	1827	1827	1900	1900	1900
Adj Flow Rate, veh/h	32	2170	722	65	672	21	161	65	17	43	75	0
Adj No. of Lanes	2	3	1	1	3	1	2	1	1	1	2	0
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Percent Heavy Veh, %	2	2	2	7	7	7	4	4	4	0	0	0
Cap, veh/h	87	2787	868	83	2770	863	351	184	154	125	249	0
Arrive On Green	0.03	0.55	0.55	0.05	0.57	0.57	0.10	0.10	0.10	0.07	0.07	0.00
Sat Flow, veh/h	3442	5085	1583	1691	4848	1509	3480	1827	1521	1810	3705	0
Grp Volume(v), veh/h	32	2170	722	65	672	21	161	65	17	43	75	0
Grp Sat Flow(s),veh/h/ln	1721	1695	1583	1691	1616	1509	1740	1827	1521	1810	1805	0
Q Serve(g_s), s	0.7	27.3	30.7	3.1	5.6	0.5	3.5	2.7	0.8	1.8	1.6	0.0
Cycle Q Clear(g_c), s	0.7	27.3	30.7	3.1	5.6	0.5	3.5	2.7	0.8	1.8	1.6	0.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		0.00
Lane Grp Cap(c), veh/h	87	2787	868	83	2770	863	351	184	154	125	249	0
V/C Ratio(X)	0.37	0.78	0.83	0.79	0.24	0.02	0.46	0.35	0.11	0.35	0.30	0.00
Avail Cap(c_a), veh/h	850	2825	880	731	2770	863	1074	564	469	558	1114	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	38.8	14.4	15.2	38.1	8.6	7.5	34.3	33.9	33.1	36.0	35.9	0.0
Incr Delay (d2), s/veh	1.0	1.5	7.1	6.1	0.1	0.0	1.3	1.6	0.4	0.6	0.3	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.4	13.1	14.9	1.6	2.5	0.2	1.8	1.4	0.4	0.9	0.8	0.0
LnGrp Delay(d),s/veh	39.8	16.0	22.3	44.2	8.7	7.6	35.6	35.6	33.6	36.6	36.1	0.0
LnGrp LOS	D	B	C	D	A	A	D	D	C	D	D	
Approach Vol, veh/h		2924			758			243			118	
Approach Delay, s/veh		17.8			11.7			35.5			36.3	
Approach LOS		B			B			D			D	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	8.0	50.1		10.2	6.1	52.0		12.8
Change Period (Y+Rc), s	4.0	5.7		4.6	4.0	5.7		4.6
Max Green Setting (Gmax), s	35.0	45.0		25.0	20.0	45.0		25.0
Max Q Clear Time (g_c+I1), s	5.1	32.7		3.8	2.7	7.6		5.5
Green Ext Time (p_c), s	0.1	11.7		0.3	0.0	6.8		1.3

Intersection Summary	
HCM 2010 Ctrl Delay	18.2
HCM 2010 LOS	B

Notes

User approved pedestrian interval to be less than phase max green.
User approved volume balancing among the lanes for turning movement.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	10	2351	20	76	690	20	20	10	618	20	10	10
Future Volume (veh/h)	10	2351	20	76	690	20	20	10	618	20	10	10
Number	5	2	12	1	6	16	7	4	14	3	8	18
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1845	1845	1845	1845	1845	1845	1900	1845	1900	1900	1845	1900
Adj Flow Rate, veh/h	11	2475	17	80	726	14	21	11	427	21	11	0
Adj No. of Lanes	1	2	1	1	2	1	0	1	0	0	1	0
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	3	3	3	3	3	3	3	3	3	3	3	3
Cap, veh/h	19	1787	800	103	1931	864	59	19	383	164	70	0
Arrive On Green	0.01	0.51	0.51	0.06	0.55	0.55	0.26	0.26	0.26	0.26	0.26	0.00
Sat Flow, veh/h	1757	3505	1568	1757	3505	1568	36	74	1464	330	269	0
Grp Volume(v), veh/h	11	2475	17	80	726	14	459	0	0	32	0	0
Grp Sat Flow(s),veh/h/ln	1757	1752	1568	1757	1752	1568	1574	0	0	599	0	0
Q Serve(g_s), s	0.5	39.0	0.4	3.4	9.0	0.3	10.1	0.0	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	0.5	39.0	0.4	3.4	9.0	0.3	20.0	0.0	0.0	1.0	0.0	0.0
Prop In Lane	1.00		1.00	1.00		1.00	0.05		0.93	0.66		0.00
Lane Grp Cap(c), veh/h	19	1787	800	103	1931	864	461	0	0	235	0	0
V/C Ratio(X)	0.57	1.38	0.02	0.78	0.38	0.02	1.00	0.00	0.00	0.14	0.00	0.00
Avail Cap(c_a), veh/h	333	1787	800	345	1931	864	461	0	0	235	0	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	37.6	18.7	9.3	35.5	9.7	7.8	29.2	0.0	0.0	21.2	0.0	0.0
Incr Delay (d2), s/veh	9.7	176.7	0.0	4.7	0.2	0.0	40.8	0.0	0.0	0.3	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.3	62.5	0.2	1.8	4.4	0.1	14.8	0.0	0.0	0.5	0.0	0.0
LnGrp Delay(d),s/veh	47.3	195.5	9.3	40.2	9.9	7.8	70.0	0.0	0.0	21.5	0.0	0.0
LnGrp LOS	D	F	A	D	A	A	E			C		
Approach Vol, veh/h		2503			820			459			32	
Approach Delay, s/veh		193.5			12.8			70.0			21.5	
Approach LOS		F			B			E			C	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	8.5	44.0		24.0	5.3	47.1		24.0
Change Period (Y+Rc), s	4.0	5.0		4.0	4.5	5.0		4.0
Max Green Setting (Gmax), s	15.0	39.0		20.0	14.5	39.0		20.0
Max Q Clear Time (g_c+I1), s	5.4	41.0		22.0	2.5	11.0		3.0
Green Ext Time (p_c), s	0.0	0.0		0.0	0.0	6.9		0.1

Intersection Summary		
HCM 2010 Ctrl Delay		138.4
HCM 2010 LOS		F

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	40	30	20	70	10	21	40	2320	190	10	680	30
Future Volume (veh/h)	40	30	20	70	10	21	40	2320	190	10	680	30
Number	3	8	18	7	4	14	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1792	1792	1900	1727	1727	1727	1863	1863	1863	1792	1792	1792
Adj Flow Rate, veh/h	41	31	6	78	0	3	41	2367	171	10	694	20
Adj No. of Lanes	1	1	0	2	0	1	1	2	1	1	2	1
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	6	6	6	10	10	10	2	2	2	6	6	6
Cap, veh/h	66	57	11	141	0	63	52	2566	1148	16	2401	1074
Arrive On Green	0.04	0.04	0.04	0.04	0.00	0.04	0.03	0.73	0.73	0.01	0.71	0.71
Sat Flow, veh/h	1707	1460	283	3290	0	1468	1774	3539	1583	1707	3406	1524
Grp Volume(v), veh/h	41	0	37	78	0	3	41	2367	171	10	694	20
Grp Sat Flow(s),veh/h/ln	1707	0	1743	1645	0	1468	1774	1770	1583	1707	1703	1524
Q Serve(g_s), s	2.6	0.0	2.3	2.5	0.0	0.2	2.5	60.4	3.6	0.6	8.2	0.4
Cycle Q Clear(g_c), s	2.6	0.0	2.3	2.5	0.0	0.2	2.5	60.4	3.6	0.6	8.2	0.4
Prop In Lane	1.00		0.16	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	66	0	68	141	0	63	52	2566	1148	16	2401	1074
V/C Ratio(X)	0.62	0.00	0.55	0.55	0.00	0.05	0.78	0.92	0.15	0.61	0.29	0.02
Avail Cap(c_a), veh/h	157	0	160	756	0	337	407	2601	1164	392	2503	1120
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	51.5	0.0	51.4	51.1	0.0	50.0	52.5	12.4	4.6	53.7	5.9	4.8
Incr Delay (d2), s/veh	9.1	0.0	6.8	11.7	0.0	1.1	9.0	6.2	0.1	12.9	0.1	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.4	0.0	1.2	1.4	0.0	0.1	1.4	31.1	1.6	0.4	3.9	0.2
LnGrp Delay(d),s/veh	60.6	0.0	58.1	62.8	0.0	51.1	61.5	18.6	4.7	66.6	6.0	4.8
LnGrp LOS	E		E	E		D	E	B	A	E	A	A
Approach Vol, veh/h		78			81			2579			724	
Approach Delay, s/veh		59.4			62.3			18.4			6.8	
Approach LOS		E			E			B			A	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	5.0	84.9		9.7	7.2	82.7		9.2
Change Period (Y+Rc), s	4.0	6.0		5.0	4.0	6.0		5.0
Max Green Setting (Gmax), s	25.0	80.0		25.0	25.0	80.0		10.0
Max Q Clear Time (g_c+I1), s	2.6	62.4		4.5	4.5	10.2		4.6
Green Ext Time (p_c), s	0.0	16.5		0.6	0.0	7.5		0.1

Intersection Summary	
HCM 2010 Ctrl Delay	17.9
HCM 2010 LOS	B

Notes

User approved volume balancing among the lanes for turning movement.

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	240	20	86	80	21	648
Future Volume (veh/h)	240	20	86	80	21	648
Number	4	14	3	8	5	12
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1727	1900	1863	1863	1863	1863
Adj Flow Rate, veh/h	264	18	95	88	23	575
Adj No. of Lanes	1	0	1	1	1	1
Peak Hour Factor	0.91	0.91	0.91	0.91	0.91	0.91
Percent Heavy Veh, %	10	10	2	2	2	2
Cap, veh/h	371	25	139	770	675	727
Arrive On Green	0.23	0.23	0.08	0.41	0.38	0.38
Sat Flow, veh/h	1599	109	1774	1863	1774	1583
Grp Volume(v), veh/h	0	282	95	88	23	575
Grp Sat Flow(s),veh/h/ln	0	1708	1774	1863	1774	1583
Q Serve(g_s), s	0.0	6.6	2.3	1.3	0.4	13.5
Cycle Q Clear(g_c), s	0.0	6.6	2.3	1.3	0.4	13.5
Prop In Lane		0.06	1.00		1.00	1.00
Lane Grp Cap(c), veh/h	0	396	139	770	675	727
V/C Ratio(X)	0.00	0.71	0.68	0.11	0.03	0.79
Avail Cap(c_a), veh/h	0	1272	2175	3863	833	868
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	0.0	15.4	19.6	7.9	8.5	10.0
Incr Delay (d2), s/veh	0.0	2.4	5.8	0.1	0.0	4.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	3.4	1.3	0.6	0.2	6.5
LnGrp Delay(d),s/veh	0.0	17.8	25.4	7.9	8.5	14.3
LnGrp LOS		B	C	A	A	B
Approach Vol, veh/h	282			183	598	
Approach Delay, s/veh	17.8			17.0	14.0	
Approach LOS	B			B	B	

Timer	1	2	3	4	5	6	7	8
Assigned Phs		2	3	4				8
Phs Duration (G+Y+Rc), s		21.1	7.9	14.6				22.5
Change Period (Y+Rc), s		4.5	4.5	4.5				4.5
Max Green Setting (Gmax), s		20.5	53.5	32.5				90.5
Max Q Clear Time (g_c+I1), s		15.5	4.3	8.6				3.3
Green Ext Time (p_c), s		1.1	0.3	1.6				0.5

Intersection Summary	
HCM 2010 Ctrl Delay	15.6
HCM 2010 LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	20	10	10	73	10	50	10	2480	147	20	730	20
Future Volume (veh/h)	20	10	10	73	10	50	10	2480	147	20	730	20
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		0.98	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1900	1900	1900	1900	1696	1900	1863	1863	1900	1827	1827	1900
Adj Flow Rate, veh/h	21	11	2	77	11	30	11	2611	154	21	768	21
Adj No. of Lanes	0	1	0	0	1	0	1	2	0	1	2	0
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	0	0	0	12	12	12	2	2	2	4	4	4
Cap, veh/h	143	67	10	144	20	37	18	2509	146	30	2575	70
Arrive On Green	0.11	0.11	0.11	0.11	0.11	0.11	0.01	0.74	0.74	0.02	0.75	0.75
Sat Flow, veh/h	850	637	93	848	190	354	1774	3395	198	1740	3451	94
Grp Volume(v), veh/h	34	0	0	118	0	0	11	1347	1418	21	386	403
Grp Sat Flow(s),veh/h/ln	1580	0	0	1392	0	0	1774	1770	1823	1740	1736	1810
Q Serve(g_s), s	0.0	0.0	0.0	7.0	0.0	0.0	0.7	80.0	80.0	1.3	7.9	7.9
Cycle Q Clear(g_c), s	1.9	0.0	0.0	8.9	0.0	0.0	0.7	80.0	80.0	1.3	7.9	7.9
Prop In Lane	0.62		0.06	0.65		0.25	1.00		0.11	1.00		0.05
Lane Grp Cap(c), veh/h	220	0	0	201	0	0	18	1308	1347	30	1295	1350
V/C Ratio(X)	0.15	0.00	0.00	0.59	0.00	0.00	0.60	1.03	1.05	0.70	0.30	0.30
Avail Cap(c_a), veh/h	626	0	0	556	0	0	410	1308	1347	402	1295	1350
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	44.2	0.0	0.0	47.2	0.0	0.0	53.3	14.1	14.1	52.9	4.5	4.5
Incr Delay (d2), s/veh	0.3	0.0	0.0	2.7	0.0	0.0	10.9	32.9	39.6	10.3	0.2	0.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.9	0.0	0.0	3.6	0.0	0.0	0.4	50.1	54.1	0.7	3.8	4.0
LnGrp Delay(d),s/veh	44.5	0.0	0.0	49.9	0.0	0.0	64.2	47.0	53.7	63.2	4.7	4.7
LnGrp LOS	D			D			E	F	F	E	A	A
Approach Vol, veh/h		34			118			2776			810	
Approach Delay, s/veh		44.5			49.9			50.5			6.2	
Approach LOS		D			D			D			A	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	5.9	86.0		16.4	5.1	86.7		16.4
Change Period (Y+Rc), s	4.0	6.0		5.0	4.0	6.0		5.0
Max Green Setting (Gmax), s	25.0	80.0		40.0	25.0	80.0		40.0
Max Q Clear Time (g_c+I1), s	3.3	82.0		3.9	2.7	9.9		10.9
Green Ext Time (p_c), s	0.0	0.0		0.1	0.0	7.7		0.6

Intersection Summary	
HCM 2010 Ctrl Delay	40.8
HCM 2010 LOS	D

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	50	20	40	60	10	50	30	2537	330	40	753	10
Future Volume (veh/h)	50	20	40	60	10	50	30	2537	330	40	753	10
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1900	1863	1863	1881	1881	1900	1845	1845	1845	1827	1827	1900
Adj Flow Rate, veh/h	52	21	3	71	0	0	31	2615	296	41	776	10
Adj No. of Lanes	0	1	1	2	1	0	1	2	1	1	2	0
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %	2	2	2	1	1	1	3	3	3	4	4	4
Cap, veh/h	71	29	88	158	83	0	46	2117	946	56	2140	28
Arrive On Green	0.06	0.06	0.06	0.04	0.00	0.00	0.03	0.60	0.60	0.03	0.61	0.61
Sat Flow, veh/h	1281	517	1583	3583	1881	0	1757	3505	1567	1740	3509	45
Grp Volume(v), veh/h	73	0	3	71	0	0	31	2615	296	41	384	402
Grp Sat Flow(s),veh/h/ln	1799	0	1583	1792	1881	0	1757	1752	1567	1740	1736	1819
Q Serve(g_s), s	2.6	0.0	0.1	1.3	0.0	0.0	1.2	40.0	6.1	1.5	7.3	7.3
Cycle Q Clear(g_c), s	2.6	0.0	0.1	1.3	0.0	0.0	1.2	40.0	6.1	1.5	7.3	7.3
Prop In Lane	0.71		1.00	1.00		0.00	1.00		1.00	1.00		0.02
Lane Grp Cap(c), veh/h	100	0	88	158	83	0	46	2117	946	56	1058	1109
V/C Ratio(X)	0.73	0.00	0.03	0.45	0.00	0.00	0.67	1.24	0.31	0.74	0.36	0.36
Avail Cap(c_a), veh/h	543	0	478	2706	1421	0	398	2117	946	394	1058	1109
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	30.8	0.0	29.6	30.9	0.0	0.0	32.0	13.1	6.4	31.8	6.5	6.5
Incr Delay (d2), s/veh	9.8	0.0	0.2	2.0	0.0	0.0	6.2	110.1	0.3	6.9	0.3	0.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.6	0.0	0.1	0.7	0.0	0.0	0.6	51.2	2.7	0.8	3.5	3.7
LnGrp Delay(d),s/veh	40.6	0.0	29.7	32.9	0.0	0.0	38.1	123.2	6.7	38.6	6.8	6.8
LnGrp LOS	D		C	C			D	F	A	D	A	A
Approach Vol, veh/h		76			71			2942			827	
Approach Delay, s/veh		40.1			32.9			110.5			8.3	
Approach LOS		D			C			F			A	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	6.1	45.5		7.7	5.7	45.9		6.9
Change Period (Y+Rc), s	4.0	5.5		4.0	4.0	5.5		4.0
Max Green Setting (Gmax), s	15.0	40.0		20.0	15.0	40.0		50.0
Max Q Clear Time (g_c+I1), s	3.3	42.0		4.6	3.2	9.3		3.3
Green Ext Time (p_c), s	0.0	0.0		0.2	0.0	7.0		0.2

Intersection Summary	
HCM 2010 Ctrl Delay	86.2
HCM 2010 LOS	F

Notes

User approved pedestrian interval to be less than phase max green.
User approved volume balancing among the lanes for turning movement.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	10	10	50	0	10	10	2181	330	10	486	0
Future Volume (veh/h)	0	10	10	50	0	10	10	2181	330	10	486	0
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1900	1900	1900	1667	1667	1900	1845	1845	1900	1827	1827	1827
Adj Flow Rate, veh/h	0	11	0	56	0	1	11	2451	364	11	546	0
Adj No. of Lanes	1	1	0	2	1	0	1	2	0	1	2	1
Peak Hour Factor	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
Percent Heavy Veh, %	0	0	0	14	14	14	3	3	3	4	4	4
Cap, veh/h	2	27	0	93	0	115	18	2401	348	18	2712	1213
Arrive On Green	0.00	0.01	0.00	0.03	0.00	0.08	0.01	0.78	0.78	0.01	0.78	0.00
Sat Flow, veh/h	1810	1900	0	3079	0	1417	1757	3073	445	1740	3471	1553
Grp Volume(v), veh/h	0	11	0	56	0	1	11	1371	1444	11	546	0
Grp Sat Flow(s),veh/h/ln	1810	1900	0	1540	0	1417	1757	1752	1766	1740	1736	1553
Q Serve(g_s), s	0.0	0.6	0.0	1.9	0.0	0.1	0.7	84.4	84.4	0.7	4.4	0.0
Cycle Q Clear(g_c), s	0.0	0.6	0.0	1.9	0.0	0.1	0.7	84.4	84.4	0.7	4.4	0.0
Prop In Lane	1.00		0.00	1.00		1.00	1.00		0.25	1.00		1.00
Lane Grp Cap(c), veh/h	2	27	0	93	0	115	18	1369	1379	18	2712	1213
V/C Ratio(X)	0.00	0.40	0.00	0.60	0.00	0.01	0.60	1.00	1.05	0.61	0.20	0.00
Avail Cap(c_a), veh/h	122	510	0	208	0	144	114	1369	1379	113	2712	1213
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	0.00	1.00	0.00	1.00	0.50	0.50	0.50	1.00	1.00	0.00
Uniform Delay (d), s/veh	0.0	52.8	0.0	51.7	0.0	45.6	53.2	11.8	11.8	53.2	3.1	0.0
Incr Delay (d2), s/veh	0.0	13.2	0.0	2.3	0.0	0.0	5.8	17.7	30.9	11.6	0.2	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.4	0.0	0.9	0.0	0.0	0.4	46.3	51.7	0.4	2.1	0.0
LnGrp Delay(d),s/veh	0.0	65.9	0.0	54.1	0.0	45.6	59.0	29.5	42.7	64.8	3.2	0.0
LnGrp LOS		E		D		D	E	F	F	E	A	
Approach Vol, veh/h		11			57			2826			557	
Approach Delay, s/veh		65.9			53.9			36.4			4.4	
Approach LOS		E			D			D			A	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	5.1	90.1	7.3	5.5	5.1	90.1	0.0	12.8
Change Period (Y+Rc), s	4.0	5.7	4.0	4.0	4.0	5.7	4.0	4.0
Max Green Setting (Gmax), s	7.0	47.0	7.3	29.0	7.0	47.0	7.3	11.0
Max Q Clear Time (g_c+I1), s	2.7	86.4	3.9	2.6	2.7	6.4	0.0	2.1
Green Ext Time (p_c), s	0.0	0.0	0.0	0.0	0.0	5.2	0.0	0.0

Intersection Summary	
HCM 2010 Ctrl Delay	31.6
HCM 2010 LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	90	290	70	150	20	30	20	1086	420	30	317	10
Future Volume (veh/h)	90	290	70	150	20	30	20	1086	420	30	317	10
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1900	1792	1792	1900	1881	1881	1900	1845	1845	1900
Adj Flow Rate, veh/h	97	312	75	161	22	32	22	1168	423	32	341	10
Adj No. of Lanes	1	1	0	1	1	0	1	2	0	1	2	0
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Percent Heavy Veh, %	2	2	2	6	6	6	1	1	1	3	3	3
Cap, veh/h	543	533	128	265	242	352	34	1193	422	43	1621	47
Arrive On Green	0.37	0.37	0.37	0.37	0.37	0.37	0.02	0.46	0.46	0.02	0.47	0.47
Sat Flow, veh/h	1340	1451	349	953	659	959	1792	2590	915	1757	3477	102
Grp Volume(v), veh/h	97	0	387	161	0	54	22	797	794	32	172	179
Grp Sat Flow(s),veh/h/ln	1340	0	1800	953	0	1619	1792	1787	1718	1757	1752	1827
Q Serve(g_s), s	4.6	0.0	15.6	14.7	0.0	2.0	1.1	39.1	41.4	1.6	5.2	5.2
Cycle Q Clear(g_c), s	6.6	0.0	15.6	30.3	0.0	2.0	1.1	39.1	41.4	1.6	5.2	5.2
Prop In Lane	1.00		0.19	1.00		0.59	1.00		0.53	1.00		0.06
Lane Grp Cap(c), veh/h	543	0	661	265	0	594	34	823	791	43	817	851
V/C Ratio(X)	0.18	0.00	0.59	0.61	0.00	0.09	0.65	0.97	1.00	0.74	0.21	0.21
Avail Cap(c_a), veh/h	761	0	954	420	0	858	139	823	791	156	817	851
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	0.50	0.50	0.50	1.00	1.00	1.00
Uniform Delay (d), s/veh	20.8	0.0	23.0	35.2	0.0	18.6	43.9	23.6	24.3	43.6	14.2	14.2
Incr Delay (d2), s/veh	0.1	0.0	0.7	2.0	0.0	0.1	4.0	15.9	23.5	9.1	0.6	0.6
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.7	0.0	7.9	4.0	0.0	0.9	0.6	22.7	24.7	0.9	2.7	2.8
LnGrp Delay(d),s/veh	20.9	0.0	23.7	37.2	0.0	18.7	47.8	39.6	47.8	52.7	14.8	14.8
LnGrp LOS	C		C	D		B	D	D	F	D	B	B
Approach Vol, veh/h		484			215			1613			383	
Approach Delay, s/veh		23.1			32.6			43.7			18.0	
Approach LOS		C			C			D			B	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	6.2	46.7		37.1	5.7	47.3		37.1
Change Period (Y+Rc), s	4.0	5.3		4.0	4.0	5.3		4.0
Max Green Setting (Gmax), s	8.6	21.0		47.7	7.0	22.0		47.7
Max Q Clear Time (g_c+I1), s	3.6	43.4		17.6	3.1	7.2		32.3
Green Ext Time (p_c), s	0.0	0.0		2.7	0.0	2.5		0.9

Intersection Summary	
HCM 2010 Ctrl Delay	35.5
HCM 2010 LOS	D

Notes

User approved pedestrian interval to be less than phase max green.

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	120	112	1415	330	91	446
Future Volume (veh/h)	120	112	1415	330	91	446
Number	3	18	2	12	1	6
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1881	1881	1863	1900	1845	1845
Adj Flow Rate, veh/h	126	118	1489	331	96	469
Adj No. of Lanes	2	1	2	0	1	2
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	1	1	2	2	3	3
Cap, veh/h	341	157	1983	429	122	2799
Arrive On Green	0.10	0.10	0.91	0.91	0.07	0.80
Sat Flow, veh/h	3476	1599	2989	626	1757	3597
Grp Volume(v), veh/h	126	118	894	926	96	469
Grp Sat Flow(s),veh/h/ln	1738	1599	1770	1752	1757	1752
Q Serve(g_s), s	3.1	6.5	12.3	14.3	4.8	2.8
Cycle Q Clear(g_c), s	3.1	6.5	12.3	14.3	4.8	2.8
Prop In Lane	1.00	1.00		0.36	1.00	
Lane Grp Cap(c), veh/h	341	157	1212	1200	122	2799
V/C Ratio(X)	0.37	0.75	0.74	0.77	0.79	0.17
Avail Cap(c_a), veh/h	877	403	1212	1200	195	2799
HCM Platoon Ratio	1.00	1.00	1.33	1.33	1.00	1.00
Upstream Filter(I)	1.00	1.00	0.60	0.60	0.84	0.84
Uniform Delay (d), s/veh	38.0	39.5	1.8	1.9	41.2	2.1
Incr Delay (d2), s/veh	0.2	2.7	2.5	3.0	3.6	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.5	3.0	6.0	7.0	2.5	1.3
LnGrp Delay(d),s/veh	38.2	42.3	4.3	4.9	44.8	2.2
LnGrp LOS	D	D	A	A	D	A
Approach Vol, veh/h	244		1820			565
Approach Delay, s/veh	40.2		4.6			9.5
Approach LOS	D		A			A

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2				6		8
Phs Duration (G+Y+Rc), s	10.2	66.9				77.2		12.8
Change Period (Y+Rc), s	4.0	5.3				5.3		4.0
Max Green Setting (Gmax), s	10.0	44.0				58.0		22.7
Max Q Clear Time (g_c+I1), s	16.8	16.3				4.8		8.5
Green Ext Time (p_c), s	0.0	21.7				5.1		0.4

Intersection Summary	
HCM 2010 Ctrl Delay	8.9
HCM 2010 LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	90	0	102	0	1643	190	81	485	0
Future Volume (veh/h)	0	0	0	90	0	102	0	1643	190	81	485	0
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1900	1863	1900	1900	1881	1881	1881	1881	1900	1845	1845	1900
Adj Flow Rate, veh/h	0	0	0	93	0	18	0	1694	190	84	500	0
Adj No. of Lanes	0	1	0	0	1	1	1	2	0	1	2	0
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %	2	2	2	1	1	1	1	1	1	3	3	3
Cap, veh/h	0	2	0	125	0	111	2	2345	259	106	2898	0
Arrive On Green	0.00	0.00	0.00	0.07	0.00	0.07	0.00	0.96	0.96	0.12	1.00	0.00
Sat Flow, veh/h	0	1863	0	1792	0	1599	1792	3246	358	1757	3597	0
Grp Volume(v), veh/h	0	0	0	93	0	18	0	920	964	84	500	0
Grp Sat Flow(s),veh/h/ln	0	1863	0	1792	0	1599	1792	1787	1817	1757	1752	0
Q Serve(g_s), s	0.0	0.0	0.0	4.6	0.0	1.0	0.0	5.8	6.4	4.2	0.0	0.0
Cycle Q Clear(g_c), s	0.0	0.0	0.0	4.6	0.0	1.0	0.0	5.8	6.4	4.2	0.0	0.0
Prop In Lane	0.00		0.00	1.00		1.00	1.00		0.20	1.00		0.00
Lane Grp Cap(c), veh/h	0	2	0	125	0	111	2	1291	1313	106	2898	0
V/C Ratio(X)	0.00	0.00	0.00	0.74	0.00	0.16	0.00	0.71	0.73	0.79	0.17	0.00
Avail Cap(c_a), veh/h	0	201	0	199	0	178	159	1291	1313	117	2898	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.33	1.33	1.33	2.00	2.00	2.00
Upstream Filter(I)	0.00	0.00	0.00	1.00	0.00	1.00	0.00	0.34	0.34	0.99	0.99	0.00
Uniform Delay (d), s/veh	0.0	0.0	0.0	41.1	0.0	39.4	0.0	0.6	0.6	39.0	0.0	0.0
Incr Delay (d2), s/veh	0.0	0.0	0.0	6.4	0.0	0.5	0.0	1.2	1.3	24.4	0.1	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.0	2.5	0.0	0.4	0.0	2.3	2.8	2.7	0.1	0.0
LnGrp Delay(d),s/veh	0.0	0.0	0.0	47.5	0.0	39.9	0.0	1.8	1.9	63.5	0.1	0.0
LnGrp LOS				D		D		A	A	E	A	
Approach Vol, veh/h		0			111			1884			584	
Approach Delay, s/veh		0.0			46.2			1.8			9.2	
Approach LOS					D			A			A	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	9.4	70.3		0.0	0.0	79.7		10.3
Change Period (Y+Rc), s	4.0	5.3		4.0	4.0	5.3		4.0
Max Green Setting (Gmax), s	6.6	47.0		9.7	8.0	45.0		10.0
Max Q Clear Time (g_c+I1), s	6.2	8.4		0.0	0.0	2.0		6.6
Green Ext Time (p_c), s	0.0	29.1		0.0	0.0	5.4		0.1

Intersection Summary	
HCM 2010 Ctrl Delay	5.4
HCM 2010 LOS	A

Notes

User approved pedestrian interval to be less than phase max green.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	170	30	30	50	20	60	50	1603	90	50	395	130
Future Volume (veh/h)	170	30	30	50	20	60	50	1603	90	50	395	130
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		0.99	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1881	1881	1881	1900	1845	1900	1863	1863	1900	1863	1863	1900
Adj Flow Rate, veh/h	175	31	0	52	21	3	52	1653	90	52	407	106
Adj No. of Lanes	1	1	1	0	2	0	1	2	0	1	2	0
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %	1	1	1	3	3	3	2	2	2	2	2	2
Cap, veh/h	226	237	201	100	90	13	67	1987	108	67	1606	414
Arrive On Green	0.13	0.13	0.00	0.06	0.06	0.06	0.04	0.58	0.58	0.01	0.19	0.19
Sat Flow, veh/h	1792	1881	1599	1757	1579	226	1774	3413	185	1774	2787	719
Grp Volume(v), veh/h	175	31	0	52	0	24	52	852	891	52	257	256
Grp Sat Flow(s),veh/h/ln	1792	1881	1599	1757	0	1805	1774	1770	1829	1774	1770	1736
Q Serve(g_s), s	8.5	1.3	0.0	2.6	0.0	1.1	2.6	34.9	35.7	2.6	11.1	11.3
Cycle Q Clear(g_c), s	8.5	1.3	0.0	2.6	0.0	1.1	2.6	34.9	35.7	2.6	11.1	11.3
Prop In Lane	1.00		1.00	1.00		0.13	1.00		0.10	1.00		0.41
Lane Grp Cap(c), veh/h	226	237	201	100	0	102	67	1030	1064	67	1020	1001
V/C Ratio(X)	0.78	0.13	0.00	0.52	0.00	0.23	0.78	0.83	0.84	0.78	0.25	0.26
Avail Cap(c_a), veh/h	332	349	297	293	0	301	148	1030	1064	168	1020	1001
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.33	0.33	0.33
Upstream Filter(I)	1.00	1.00	0.00	1.00	0.00	1.00	0.75	0.75	0.75	0.99	0.99	0.99
Uniform Delay (d), s/veh	38.1	34.9	0.0	41.3	0.0	40.6	42.9	15.2	15.3	44.1	19.9	20.0
Incr Delay (d2), s/veh	5.3	0.2	0.0	1.6	0.0	0.4	16.2	5.8	6.0	7.2	0.6	0.6
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	4.6	0.7	0.0	1.3	0.0	0.6	1.6	18.5	19.6	1.4	5.6	5.6
LnGrp Delay(d),s/veh	43.4	35.1	0.0	42.8	0.0	41.0	59.1	21.0	21.3	51.2	20.5	20.6
LnGrp LOS	D	D		D		D	E	C	C	D	C	C
Approach Vol, veh/h		206			76			1795			565	
Approach Delay, s/veh		42.2			42.3			22.2			23.4	
Approach LOS		D			D			C			C	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	7.4	57.7		15.3	7.9	57.2		9.6
Change Period (Y+Rc), s	4.0	5.3		4.0	4.5	5.3		4.5
Max Green Setting (Gmax), s	3.5	32.0		16.7	7.5	32.5		15.0
Max Q Clear Time (g_c+I1), s	4.6	37.7		10.5	4.6	13.3		4.6
Green Ext Time (p_c), s	0.0	0.0		0.2	0.0	4.1		0.1

Intersection Summary	
HCM 2010 Ctrl Delay	24.6
HCM 2010 LOS	C

Notes

User approved pedestrian interval to be less than phase max green.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	160	10	693	70	1040	0	0	405	110
Future Volume (veh/h)	0	0	0	160	10	693	70	1040	0	0	405	110
Number				7	4	14	5	2	12	1	6	16
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln				1900	1827	1900	1863	1863	0	0	1827	1827
Adj Flow Rate, veh/h				165	10	662	72	1072	0	0	418	45
Adj No. of Lanes				0	2	0	1	2	0	0	2	1
Peak Hour Factor				0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %				0	4	0	2	2	0	0	4	4
Cap, veh/h				761	46	718	141	1344	0	0	849	360
Arrive On Green				0.46	0.46	0.46	0.08	0.38	0.00	0.00	0.23	0.23
Sat Flow, veh/h				1645	100	1553	1774	3632	0	0	3654	1550
Grp Volume(v), veh/h				175	0	662	72	1072	0	0	418	45
Grp Sat Flow(s),veh/h/ln				1745	0	1553	1774	1770	0	0	1827	1550
Q Serve(g_s), s				2.7	0.0	17.7	1.7	11.9	0.0	0.0	4.4	1.0
Cycle Q Clear(g_c), s				2.7	0.0	17.7	1.7	11.9	0.0	0.0	4.4	1.0
Prop In Lane				0.94		1.00	1.00		0.00	0.00		1.00
Lane Grp Cap(c), veh/h				807	0	718	141	1344	0	0	849	360
V/C Ratio(X)				0.22	0.00	0.92	0.51	0.80	0.00	0.00	0.49	0.12
Avail Cap(c_a), veh/h				827	0	736	440	1437	0	0	1566	664
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	1.00
Uniform Delay (d), s/veh				7.1	0.0	11.2	19.6	12.2	0.0	0.0	14.7	13.4
Incr Delay (d2), s/veh				0.2	0.0	17.0	2.8	3.3	0.0	0.0	0.9	0.3
Initial Q Delay(d3),s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				1.3	0.0	10.7	1.0	6.4	0.0	0.0	2.3	0.5
LnGrp Delay(d),s/veh				7.3	0.0	28.2	22.4	15.5	0.0	0.0	15.7	13.8
LnGrp LOS				A		C	C	B			B	B
Approach Vol, veh/h					837			1144			463	
Approach Delay, s/veh					23.8			16.0			15.5	
Approach LOS					C			B			B	

Timer	1	2	3	4	5	6	7	8
Assigned Phs		2		4	5	6		
Phs Duration (G+Y+Rc), s		20.8		23.5	6.5	14.3		
Change Period (Y+Rc), s		4.0		3.0	3.0	4.0		
Max Green Setting (Gmax), s		18.0		21.0	11.0	19.0		
Max Q Clear Time (g_c+I1), s		13.9		19.7	3.7	6.4		
Green Ext Time (p_c), s		2.9		0.8	0.1	3.6		

Intersection Summary		
HCM 2010 Ctrl Delay		18.6
HCM 2010 LOS		B

Notes

User approved pedestrian interval to be less than phase max green.
User approved volume balancing among the lanes for turning movement.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	790	80	210	0	0	0	0	290	220	305	250	0
Future Volume (veh/h)	790	80	210	0	0	0	0	290	220	305	250	0
Number	7	4	14				5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		0.99	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1863				0	1810	1810	1810	1810	0
Adj Flow Rate, veh/h	892	0	62				0	305	103	321	263	0
Adj No. of Lanes	2	0	1				0	2	1	1	2	0
Peak Hour Factor	0.95	0.95	0.95				0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	2	2	2				0	5	5	5	5	0
Cap, veh/h	1139	0	508				0	707	296	400	1784	0
Arrive On Green	0.32	0.00	0.32				0.00	0.20	0.20	0.23	0.52	0.00
Sat Flow, veh/h	3548	0	1583				0	3619	1516	1723	3529	0
Grp Volume(v), veh/h	892	0	62				0	305	103	321	263	0
Grp Sat Flow(s),veh/h/ln	1774	0	1583				0	1810	1516	1723	1719	0
Q Serve(g_s), s	10.0	0.0	1.2				0.0	3.2	2.6	7.7	1.7	0.0
Cycle Q Clear(g_c), s	10.0	0.0	1.2				0.0	3.2	2.6	7.7	1.7	0.0
Prop In Lane	1.00		1.00				0.00		1.00	1.00		0.00
Lane Grp Cap(c), veh/h	1139	0	508				0	707	296	400	1784	0
V/C Ratio(X)	0.78	0.00	0.12				0.00	0.43	0.35	0.80	0.15	0.00
Avail Cap(c_a), veh/h	1460	0	652				0	1572	659	630	1784	0
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00				0.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	13.5	0.0	10.5				0.0	15.5	15.2	15.8	5.5	0.0
Incr Delay (d2), s/veh	2.2	0.0	0.1				0.0	0.9	1.5	4.8	0.1	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	5.2	0.0	0.5				0.0	1.7	1.2	4.2	0.8	0.0
LnGrp Delay(d),s/veh	15.6	0.0	10.6				0.0	16.4	16.7	20.6	5.5	0.0
LnGrp LOS	B		B					B	B	C	A	
Approach Vol, veh/h		954						408			584	
Approach Delay, s/veh		15.3						16.4			13.8	
Approach LOS		B						B			B	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4		6		
Phs Duration (G+Y+Rc), s	14.1	12.5		17.0		26.7		
Change Period (Y+Rc), s	4.0	* 4		3.0		4.0		
Max Green Setting (Gmax), s	16.0	* 19		18.0		18.0		
Max Q Clear Time (g_c+I1), s	12.7	5.2		12.0		3.7		
Green Ext Time (p_c), s	0.7	3.3		2.1		1.8		

Intersection Summary	
HCM 2010 Ctrl Delay	15.1
HCM 2010 LOS	B

Notes

User approved volume balancing among the lanes for turning movement.

* HCM 2010 computational engine requires equal clearance times for the phases crossing the barrier.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	100	20	80	150	10	280	10	1131	0	295	301	10
Future Volume (veh/h)	100	20	80	150	10	280	10	1131	0	295	301	10
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1900	1900	1900	1759	1759	1759	1863	1863	1863	1827	1827	1827
Adj Flow Rate, veh/h	121	0	0	168	0	107	11	1203	0	314	320	7
Adj No. of Lanes	2	0	1	2	0	2	1	2	1	1	2	1
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	0	0	0	8	8	8	2	2	2	4	4	4
Cap, veh/h	232	0	103	283	0	907	20	1409	630	380	2153	963
Arrive On Green	0.06	0.00	0.00	0.08	0.00	0.08	0.01	0.40	0.00	0.22	0.62	0.62
Sat Flow, veh/h	3619	0	1615	3351	0	2991	1774	3539	1583	1740	3471	1553
Grp Volume(v), veh/h	121	0	0	168	0	107	11	1203	0	314	320	7
Grp Sat Flow(s),veh/h/ln	1810	0	1615	1675	0	1495	1774	1770	1583	1740	1736	1553
Q Serve(g_s), s	2.2	0.0	0.0	3.3	0.0	1.8	0.4	21.1	0.0	11.7	2.6	0.1
Cycle Q Clear(g_c), s	2.2	0.0	0.0	3.3	0.0	1.8	0.4	21.1	0.0	11.7	2.6	0.1
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	232	0	103	283	0	907	20	1409	630	380	2153	963
V/C Ratio(X)	0.52	0.00	0.00	0.59	0.00	0.12	0.56	0.85	0.00	0.83	0.15	0.01
Avail Cap(c_a), veh/h	1062	0	474	1328	0	1839	521	1558	697	1277	2153	963
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	30.9	0.0	0.0	30.1	0.0	17.2	33.5	18.7	0.0	25.4	5.4	4.9
Incr Delay (d2), s/veh	0.7	0.0	0.0	0.7	0.0	0.0	31.3	4.5	0.0	5.5	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.1	0.0	0.0	1.5	0.0	0.7	0.4	11.1	0.0	6.2	1.2	0.1
LnGrp Delay(d),s/veh	31.6	0.0	0.0	30.8	0.0	17.2	64.9	23.2	0.0	30.8	5.4	4.9
LnGrp LOS	C			C		B	E	C		C	A	A
Approach Vol, veh/h		121			275			1214			641	
Approach Delay, s/veh		31.6			25.5			23.6			17.9	
Approach LOS		C			C			C			B	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	8.9	31.6		7.9	3.8	46.8		9.8
Change Period (Y+Rc), s	4.0	4.5		3.5	3.0	4.5		4.0
Max Green Setting (Gmax), s	5.0	30.0		20.0	20.0	30.0		27.0
Max Q Clear Time (g_c+I1), s	13.7	23.1		4.2	2.4	4.6		5.3
Green Ext Time (p_c), s	1.2	4.0		0.2	0.0	1.1		0.5

Intersection Summary	
HCM 2010 Ctrl Delay	22.6
HCM 2010 LOS	C

Notes

User approved pedestrian interval to be less than phase max green.
User approved volume balancing among the lanes for turning movement.

Intersection	
Intersection Delay, s/veh	85.5
Intersection LOS	F

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	30	30	10	60	10	60	10	578	150	18	78	10
Future Vol, veh/h	30	30	10	60	10	60	10	578	150	18	78	10
Peak Hour Factor	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
Heavy Vehicles, %	3	3	3	3	3	3	3	3	3	3	3	3
Mvmt Flow	37	37	12	73	12	73	12	705	183	22	95	12
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	11.2	12	116.3	10.5
HCM LOS	B	B	F	B

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	1%	43%	46%	17%
Vol Thru, %	78%	43%	8%	74%
Vol Right, %	20%	14%	46%	9%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	738	70	130	106
LT Vol	10	30	60	18
Through Vol	578	30	10	78
RT Vol	150	10	60	10
Lane Flow Rate	900	85	159	129
Geometry Grp	1	1	1	1
Degree of Util (X)	1.188	0.152	0.268	0.202
Departure Headway (Hd)	4.751	6.959	6.575	5.977
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	756	518	550	604
Service Time	2.839	4.959	4.575	3.977
HCM Lane V/C Ratio	1.19	0.164	0.289	0.214
HCM Control Delay	116.3	11.2	12	10.5
HCM Lane LOS	F	B	B	B
HCM 95th-tile Q	28.9	0.5	1.1	0.8

Intersection	
Int Delay, s/veh	6.1

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	145	40	20	610	91	61
Future Vol, veh/h	145	40	20	610	91	61
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	145
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	83	83	83	83	83	83
Heavy Vehicles, %	3	3	3	3	3	3
Mvmt Flow	175	48	24	735	110	73

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	893	110	183	0	-	0
Stage 1	110	-	-	-	-	-
Stage 2	783	-	-	-	-	-
Critical Hdwy	6.43	6.23	4.13	-	-	-
Critical Hdwy Stg 1	5.43	-	-	-	-	-
Critical Hdwy Stg 2	5.43	-	-	-	-	-
Follow-up Hdwy	3.527	3.327	2.227	-	-	-
Pot Cap-1 Maneuver	311	941	1386	-	-	-
Stage 1	912	-	-	-	-	-
Stage 2	449	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	302	941	1386	-	-	-
Mov Cap-2 Maneuver	302	-	-	-	-	-
Stage 1	886	-	-	-	-	-
Stage 2	449	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	31	0.2	0
HCM LOS	D		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1386	-	354	-	-
HCM Lane V/C Ratio	0.017	-	0.63	-	-
HCM Control Delay (s)	7.6	0	31	-	-
HCM Lane LOS	A	A	D	-	-
HCM 95th %tile Q(veh)	0.1	-	4.1	-	-

Intersection	
Intersection Delay, s/veh	16
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	190	50	10	40	20	50	20	390	40	51	60	20
Future Vol, veh/h	190	50	10	40	20	50	20	390	40	51	60	20
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	202	53	11	43	21	53	21	415	43	54	64	21
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	13.8	10.5	20.1	10.7
HCM LOS	B	B	C	B

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	4%	76%	36%	39%
Vol Thru, %	87%	20%	18%	46%
Vol Right, %	9%	4%	45%	15%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	450	250	110	131
LT Vol	20	190	40	51
Through Vol	390	50	20	60
RT Vol	40	10	50	20
Lane Flow Rate	479	266	117	139
Geometry Grp	1	1	1	1
Degree of Util (X)	0.705	0.442	0.195	0.227
Departure Headway (Hd)	5.298	5.988	5.984	5.876
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	680	598	596	608
Service Time	3.349	4.053	4.062	3.951
HCM Lane V/C Ratio	0.704	0.445	0.196	0.229
HCM Control Delay	20.1	13.8	10.5	10.7
HCM Lane LOS	C	B	B	B
HCM 95th-tile Q	5.8	2.3	0.7	0.9

Intersection	
Int Delay, s/veh	5.6

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	428	460	100	30	20	66
Future Vol, veh/h	428	460	100	30	20	66
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	178	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	89	89	89	89	89	89
Heavy Vehicles, %	6	6	6	6	6	6
Mvmt Flow	481	517	112	34	22	74

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	146	0	-	0	1608	129
Stage 1	-	-	-	-	129	-
Stage 2	-	-	-	-	1479	-
Critical Hdwy	4.16	-	-	-	6.46	6.26
Critical Hdwy Stg 1	-	-	-	-	5.46	-
Critical Hdwy Stg 2	-	-	-	-	5.46	-
Follow-up Hdwy	2.254	-	-	-	3.554	3.354
Pot Cap-1 Maneuver	1412	-	-	-	113	910
Stage 1	-	-	-	-	887	-
Stage 2	-	-	-	-	204	-
Platoon blocked, %			-	-	-	
Mov Cap-1 Maneuver	1412	-	-	-	74	910
Mov Cap-2 Maneuver	-	-	-	-	74	-
Stage 1	-	-	-	-	585	-
Stage 2	-	-	-	-	204	-

Approach	EB	WB	SB
HCM Control Delay, s	4.3	0	28
HCM LOS			D

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1412	-	-	-	251
HCM Lane V/C Ratio	0.341	-	-	-	0.385
HCM Control Delay (s)	8.9	-	-	-	28
HCM Lane LOS	A	-	-	-	D
HCM 95th %tile Q(veh)	1.5	-	-	-	1.7

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	132	80	162	50	70	40	165	1130	40	30	490	43
Future Volume (veh/h)	132	80	162	50	70	40	165	1130	40	30	490	43
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	0.99		1.00	0.99		0.98	1.00		1.00	1.00		0.97
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1900	1881	1881	1900	1881	1900	1881	1881	1881	1881	1881	1900
Adj Flow Rate, veh/h	142	86	0	54	75	29	177	1215	0	32	527	40
Adj No. of Lanes	0	1	1	0	1	0	1	2	1	1	2	0
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Percent Heavy Veh, %	1	1	1	1	1	1	1	1	1	1	1	1
Cap, veh/h	315	128	323	185	202	65	246	1820	814	56	1354	103
Arrive On Green	0.20	0.20	0.00	0.19	0.20	0.19	0.14	0.51	0.00	0.03	0.40	0.39
Sat Flow, veh/h	961	636	1599	424	1002	321	1792	3574	1599	1792	3360	254
Grp Volume(v), veh/h	228	0	0	158	0	0	177	1215	0	32	280	287
Grp Sat Flow(s),veh/h/ln	1598	0	1599	1746	0	0	1792	1787	1599	1792	1787	1828
Q Serve(g_s), s	2.4	0.0	0.0	0.0	0.0	0.0	4.6	12.3	0.0	0.9	5.4	5.4
Cycle Q Clear(g_c), s	6.1	0.0	0.0	3.7	0.0	0.0	4.6	12.3	0.0	0.9	5.4	5.4
Prop In Lane	0.62		1.00	0.34		0.18	1.00		1.00	1.00		0.14
Lane Grp Cap(c), veh/h	443	0	323	434	0	0	246	1820	814	56	720	736
V/C Ratio(X)	0.51	0.00	0.00	0.36	0.00	0.00	0.72	0.67	0.00	0.57	0.39	0.39
Avail Cap(c_a), veh/h	947	0	874	1013	0	0	794	2248	1006	979	1124	1150
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	17.7	0.0	0.0	17.0	0.0	0.0	20.0	8.8	0.0	23.2	10.2	10.3
Incr Delay (d2), s/veh	0.3	0.0	0.0	0.2	0.0	0.0	1.5	0.7	0.0	3.4	0.5	0.5
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.8	0.0	0.0	1.9	0.0	0.0	2.4	6.1	0.0	0.5	2.7	2.8
LnGrp Delay(d),s/veh	18.1	0.0	0.0	17.2	0.0	0.0	21.5	9.6	0.0	26.6	10.7	10.8
LnGrp LOS	B			B			C	A		C	B	B
Approach Vol, veh/h		228			158			1392			599	
Approach Delay, s/veh		18.1			17.2			11.1			11.6	
Approach LOS		B			B			B			B	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	5.0	29.2		14.3	10.2	24.0		14.3
Change Period (Y+Rc), s	4.0	5.0		5.0	4.0	5.0		* 5
Max Green Setting (Gmax), s	26.0	30.0		26.0	21.0	30.0		* 27
Max Q Clear Time (g_c+I1), s	2.9	14.3		8.1	6.6	7.4		5.7
Green Ext Time (p_c), s	0.0	9.9		0.8	0.2	4.9		0.5

Intersection Summary	
HCM 2010 Ctrl Delay	12.3
HCM 2010 LOS	B

Notes

* HCM 2010 computational engine requires equal clearance times for the phases crossing the barrier.

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	80	31	71	160	20	91
Future Volume (veh/h)	80	31	71	160	20	91
Number	4	14	3	8	5	12
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1532	1900	1667	1667	1545	1545
Adj Flow Rate, veh/h	95	20	85	190	24	-13
Adj No. of Lanes	1	0	1	1	1	1
Peak Hour Factor	0.84	0.84	0.84	0.84	0.84	0.84
Percent Heavy Veh, %	24	24	14	14	23	23
Cap, veh/h	219	46	141	743	291	377
Arrive On Green	0.18	0.18	0.09	0.45	0.20	0.00
Sat Flow, veh/h	1227	258	1587	1667	1471	1313
Grp Volume(v), veh/h	0	115	85	190	24	-13
Grp Sat Flow(s),veh/h/ln	0	1486	1587	1667	1471	1313
Q Serve(g_s), s	0.0	1.7	1.3	1.8	0.3	0.0
Cycle Q Clear(g_c), s	0.0	1.7	1.3	1.8	0.3	0.0
Prop In Lane		0.17	1.00		1.00	1.00
Lane Grp Cap(c), veh/h	0	265	141	743	291	377
V/C Ratio(X)	0.00	0.43	0.60	0.26	0.08	-0.03
Avail Cap(c_a), veh/h	0	2677	2106	5511	1602	1547
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	0.0	9.2	11.1	4.4	8.3	0.0
Incr Delay (d2), s/veh	0.0	1.1	4.1	0.2	0.1	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.8	0.7	0.8	0.1	0.0
LnGrp Delay(d),s/veh	0.0	10.4	15.2	4.6	8.4	0.0
LnGrp LOS		B	B	A	A	
Approach Vol, veh/h	115			275	11	
Approach Delay, s/veh	10.4			7.8	18.3	
Approach LOS	B			A	B	

Timer	1	2	3	4	5	6	7	8
Assigned Phs		2	3	4				8
Phs Duration (G+Y+Rc), s		9.5	6.7	9.0				15.8
Change Period (Y+Rc), s		4.5	4.5	4.5				4.5
Max Green Setting (Gmax), s		27.5	33.5	45.5				83.5
Max Q Clear Time (g_c+I1), s		2.3	3.3	3.7				3.8
Green Ext Time (p_c), s		0.0	0.2	0.7				1.2

Intersection Summary	
HCM 2010 Ctrl Delay	8.8
HCM 2010 LOS	A

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	240	20	86	80	21	648
Future Volume (veh/h)	240	20	86	80	21	648
Number	4	14	3	8	5	12
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1727	1900	1863	1863	1863	1863
Adj Flow Rate, veh/h	264	18	95	88	23	575
Adj No. of Lanes	1	0	1	1	1	1
Peak Hour Factor	0.91	0.91	0.91	0.91	0.91	0.91
Percent Heavy Veh, %	10	10	2	2	2	2
Cap, veh/h	371	25	139	770	675	727
Arrive On Green	0.23	0.23	0.08	0.41	0.38	0.38
Sat Flow, veh/h	1599	109	1774	1863	1774	1583
Grp Volume(v), veh/h	0	282	95	88	23	575
Grp Sat Flow(s),veh/h/ln	0	1708	1774	1863	1774	1583
Q Serve(g_s), s	0.0	6.6	2.3	1.3	0.4	13.5
Cycle Q Clear(g_c), s	0.0	6.6	2.3	1.3	0.4	13.5
Prop In Lane		0.06	1.00		1.00	1.00
Lane Grp Cap(c), veh/h	0	396	139	770	675	727
V/C Ratio(X)	0.00	0.71	0.68	0.11	0.03	0.79
Avail Cap(c_a), veh/h	0	1272	2175	3863	833	868
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	0.0	15.4	19.6	7.9	8.5	10.0
Incr Delay (d2), s/veh	0.0	2.4	5.8	0.1	0.0	4.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	3.4	1.3	0.6	0.2	6.5
LnGrp Delay(d),s/veh	0.0	17.8	25.4	7.9	8.5	14.3
LnGrp LOS		B	C	A	A	B
Approach Vol, veh/h	282			183	598	
Approach Delay, s/veh	17.8			17.0	14.0	
Approach LOS	B			B	B	

Timer	1	2	3	4	5	6	7	8
Assigned Phs		2	3	4				8
Phs Duration (G+Y+Rc), s		21.1	7.9	14.6				22.5
Change Period (Y+Rc), s		4.5	4.5	4.5				4.5
Max Green Setting (Gmax), s		20.5	53.5	32.5				90.5
Max Q Clear Time (g_c+I1), s		15.5	4.3	8.6				3.3
Green Ext Time (p_c), s		1.1	0.3	1.6				0.5

Intersection Summary	
HCM 2010 Ctrl Delay	15.6
HCM 2010 LOS	B

ATTACHMENT C: SIGNAL WARRANTS

KITTELSON & ASSOCIATES, INC.
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(503) 228-5230
Fax: (503) 273-8169

Project #: 25515
Project Name: Richmond Gardens Industrial TIA
Analyst: Kittelson and Associates, Inc.
Date: 5/25/2021
File: H:\25\25515 - Richmond Gardens Industrial TIA\report\draft\Appendix\[Signal Warrant Analysis_E+P_18pm.xls]War #3 - Peak HR

Intersection: Fred Jackson Way/Brookside Drive
Scenario: Existing plus Project Conditions - PM Peak Hour

Warrant Summary

Warrant	Name	Analyzed?	Met?
#1	Eight-Hour Vehicular Volume	Yes	No
#2	Four-Hour Vehicular volume	Yes	No
#3	Peak Hour	Yes	No
#4	Pedestrian Volume	No	-
#5	School Crossing	No	-
#6	Coordinated Signal System	No	-
#7	Crash Experience	No	-
#8	Roadway Network	No	-

Analysis Traffic Volumes

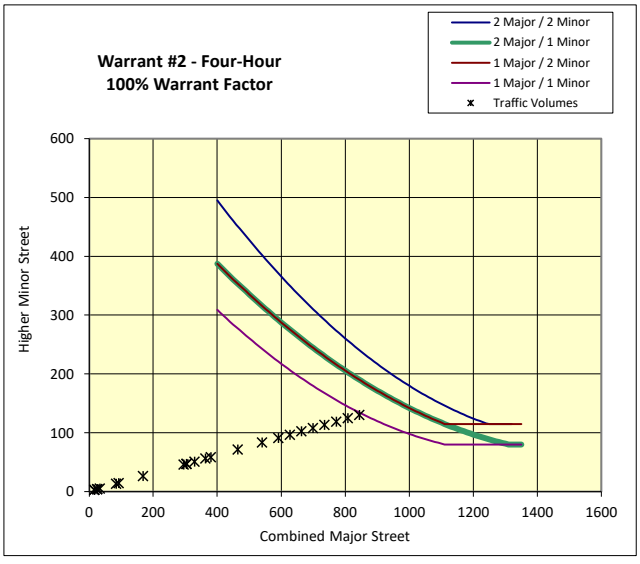
Hour		Major Street		Minor Street	
Begin	End	NB	SB	EB	WB
8:00 AM	9:00 AM	738	106	70	130
2nd	Highest Hour	706	101	67	124
3rd	Highest Hour	675	97	64	119
4th	Highest Hour	643	92	61	113
5th	Highest Hour	611	88	58	108
6th	Highest Hour	580	83	55	102
7th	Highest Hour	548	79	52	97
8th	Highest Hour	517	74	49	91
9th	Highest Hour	472	68	45	83
10th	Highest Hour	406	58	39	72
11th	Highest Hour	332	48	32	59
12th	Highest Hour	317	46	30	56
13th	Highest Hour	288	41	27	51
14th	Highest Hour	266	38	25	47
15th	Highest Hour	266	38	25	47
16th	Highest Hour	258	37	25	46
17th	Highest Hour	148	21	14	26
18th	Highest Hour	81	12	8	14
19th	Highest Hour	74	11	7	13
20th	Highest Hour	30	4	3	5
21st	Highest Hour	22	3	2	4
22nd	Highest Hour	22	3	2	4
23rd	Highest Hour	15	2	1	3
24th	Highest Hour	15	2	1	3

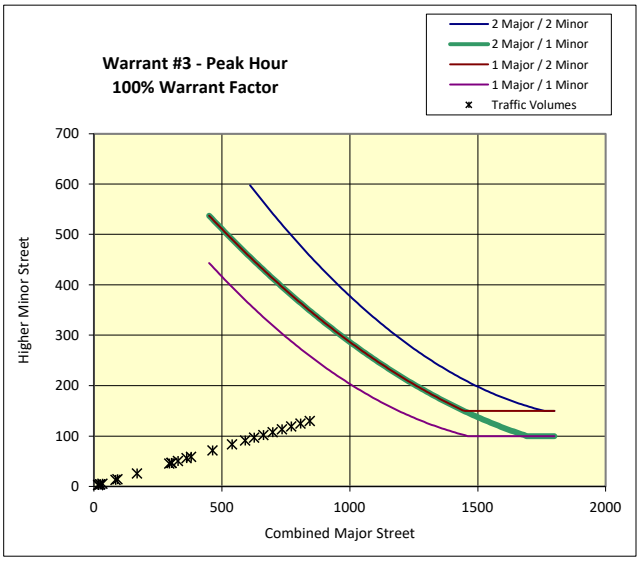
Input Parameters

Volume Adjustment Factor =	1.0
North-South Approach =	Major
East-West Approach =	Minor
Major Street Thru Lanes =	1
Minor Street Thru Lanes =	1
Speed > 40 mph?	No
Population < 10,000?	No
Warrant Factor	100%
Peak Hour or Daily Count?	Peak Hour
Major Street: 4th-Highest Hour / Peak Hour	87%
Major Street: 8th-Highest Hour / Peak Hour	70%
Minor Street: 4th-Highest Hour / Peak Hour	87%
Minor Street: 8th-Highest Hour / Peak Hour	70%

Warrant #1 - Eight Hour

Warrant Factor	Condition	Major Street Requirement	Minor Street Requirement	Hours That Condition Is Met	Condition for Warrant Factor Met?	Signal Warrant Met?
100%	A	500	150	0	No	**No**
	B	750	75	3	No	
80%	A	400	120	2	No	**No**
	B	600	60	7	No	
70%	A	350	105	5	No	**Yes**
	B	525	53	9	Yes	





Traffic Volumes

Hour		Major Street		Minor Street	
Begin	End	NB	SB	EB	WB
8:00 AM	9:00 AM	738	106	70	130
2nd	Highest Hour	706	101	67	124
3rd	Highest Hour	675	97	64	119
4th	Highest Hour	643	92	61	113
5th	Highest Hour	611	88	58	108
6th	Highest Hour	580	83	55	102
7th	Highest Hour	548	79	52	97
8th	Highest Hour	517	74	49	91
9th	Highest Hour	472	68	45	83
10th	Highest Hour	406	58	39	72
11th	Highest Hour	332	48	32	59
12th	Highest Hour	317	46	30	56
13th	Highest Hour	288	41	27	51
14th	Highest Hour	266	38	25	47
15th	Highest Hour	266	38	25	47
16th	Highest Hour	258	37	25	46
17th	Highest Hour	148	21	14	26
18th	Highest Hour	81	12	8	14
19th	Highest Hour	74	11	7	13
20th	Highest Hour	30	4	3	5
21st	Highest Hour	22	3	2	4
22nd	Highest Hour	22	3	2	4
23rd	Highest Hour	15	2	1	3
24th	Highest Hour	15	2	1	3

Calculations

Combined Major Street	Higher Minor Street	Threshold	Is Threshold Met?
844	130	259	No
808	124	273	No
772	119	288	No
735	113	303	No
699	108	319	No
663	102	335	No
627	97	352	No
591	91	370	No
540	83	395	No
464	72	436	No
380	59	483	No
363	56	493	No
329	51	513	No
304	47	528	No
304	47	528	No
295	46	534	No
169	26	615	No
93	14	667	No
84	13	673	No
34	5	709	No
25	4	716	No
25	4	716	No
17	3	722	No
17	3	722	No
			0

Number of lanes for moving traffic on each approach (Major Street)	1
Number of lanes for moving traffic on each approach (Minor Street)	1
Warrant Factor	100%
Row Index for VLOOKUP	1

Lookup Table

Index	Major Street	Minor Street	Break Point	x^2	x	c	alt	
1	1	1	1460	0.00021	0.74072	734.125	100	100% Factor
2	2 or more	1	1760	0.00015	0.67328	809.779	100	
3	2 or more	2 or more	1690	0.00023	0.93419	1081.658	150	
4	1	2 or more	1450	0.00015	0.67328	809.779	150	
5	1	1	1040	0.00035	0.80083	529.197	75	
6	2 or more	1	1160	0.00025	0.73111	586.099	75	70% Factor
7	2 or more	2 or more	1130	0.00033	0.95887	762.050	100	
8	1	2 or more	1020	0.00025	0.73111	586.099	100	

Is Warrant #3 met based on the applicable warrant factor? **No**

Condition A Criteria

	EB	WB
Total Stopped Delay Per Vehicle On Minor Approach (sec)	11.2	12.0
Number Of Lanes On Minor Street Approach	1	1
Vehicle-Hours Of Stopped Delay On Minor Approach	0.22	0.43
	No	No
Volume on Minor Street Approach During Same Hour	70	130
	No	Yes
Total Entering Volume On All Approaches During Same Hour	1044	
Number of Approaches to Intersection	4	
	Yes	

Is Warrant #3 met based on Condition A criteria? **No**

KITTELSON & ASSOCIATES, INC.
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(503) 228-5230
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Project #: 25515
Project Name: Richmond Gardens Industrial TIA
Analyst: Kittelson and Associates, Inc.
Date: 5/25/2021
File: H:\25\25515 - Richmond Gardens Industrial TIA\report\draft\Appendix\[Signal Warrant Analysis_Cumulative+P_18pm.xls]War #3 - Peak HR

Intersection: Fred Jackson Way/Brookside Drive
Scenario: Cumulative Plus Project Conditions - PM Peak Hour

Warrant Summary

Warrant	Name	Analyzed?	Met?
#1	Eight-Hour Vehicular Volume	Yes	Yes
#2	Four-Hour Vehicular volume	Yes	Yes
#3	Peak Hour	Yes	No
#4	Pedestrian Volume	No	-
#5	School Crossing	No	-
#6	Coordinated Signal System	No	-
#7	Crash Experience	No	-
#8	Roadway Network	No	-

Analysis Traffic Volumes

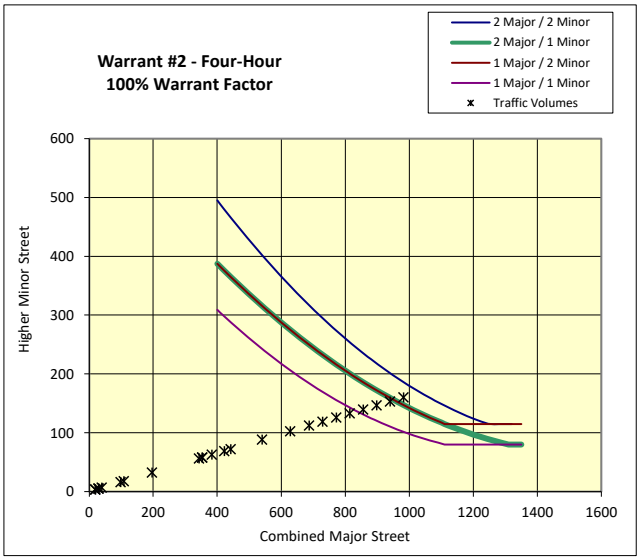
Hour		Major Street		Minor Street	
Begin	End	NB	SB	EB	WB
8:00 AM	9:00 AM	846	136	100	160
2nd	Highest Hour	810	130	96	153
3rd	Highest Hour	773	124	91	146
4th	Highest Hour	737	119	87	139
5th	Highest Hour	701	113	83	133
6th	Highest Hour	665	107	79	126
7th	Highest Hour	628	101	74	119
8th	Highest Hour	592	95	70	112
9th	Highest Hour	541	87	64	102
10th	Highest Hour	465	75	55	88
11th	Highest Hour	381	61	45	72
12th	Highest Hour	364	58	43	69
13th	Highest Hour	330	53	39	62
14th	Highest Hour	305	49	36	58
15th	Highest Hour	305	49	36	58
16th	Highest Hour	296	48	35	56
17th	Highest Hour	169	27	20	32
18th	Highest Hour	93	15	11	18
19th	Highest Hour	85	14	10	16
20th	Highest Hour	34	5	4	6
21st	Highest Hour	25	4	3	5
22nd	Highest Hour	25	4	3	5
23rd	Highest Hour	17	3	2	3
24th	Highest Hour	17	3	2	3

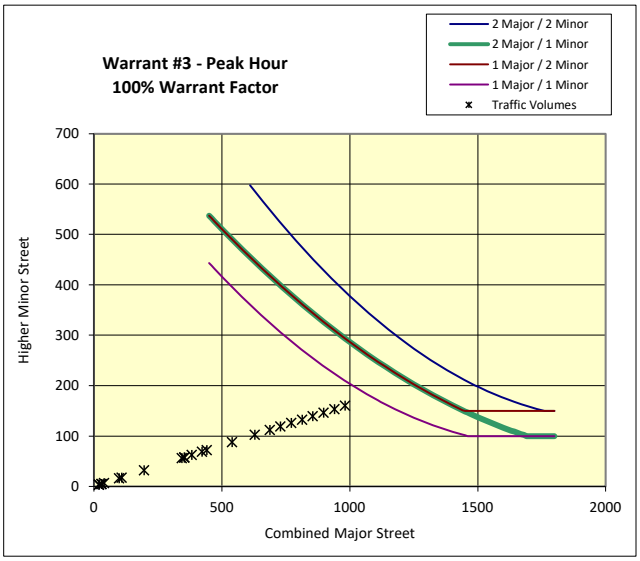
Input Parameters

Volume Adjustment Factor =	1.0
North-South Approach =	Major
East-West Approach =	Minor
Major Street Thru Lanes =	1
Minor Street Thru Lanes =	1
Speed > 40 mph?	No
Population < 10,000?	No
Warrant Factor	100%
Peak Hour or Daily Count?	Peak Hour
Major Street: 4th-Highest Hour / Peak Hour	87%
Major Street: 8th-Highest Hour / Peak Hour	70%
Minor Street: 4th-Highest Hour / Peak Hour	87%
Minor Street: 8th-Highest Hour / Peak Hour	70%

Warrant #1 - Eight Hour

Warrant Factor	Condition	Major Street Requirement	Minor Street Requirement	Hours That Condition Is Met	Condition for Warrant Factor Met?	Signal Warrant Met?
100%	A	500	150	2	No	**No**
	B	750	75	6	No	
80%	A	400	120	6	No	**Yes**
	B	600	60	9	Yes	
70%	A	350	105	8	Yes	**Yes**
	B	525	53	10	Yes	





Traffic Volumes

Hour		Major Street		Minor Street	
Begin	End	NB	SB	EB	WB
8:00 AM	9:00 AM	846	136	100	160
2nd	Highest Hour	810	130	96	153
3rd	Highest Hour	773	124	91	146
4th	Highest Hour	737	119	87	139
5th	Highest Hour	701	113	83	133
6th	Highest Hour	665	107	79	126
7th	Highest Hour	628	101	74	119
8th	Highest Hour	592	95	70	112
9th	Highest Hour	541	87	64	102
10th	Highest Hour	465	75	55	88
11th	Highest Hour	381	61	45	72
12th	Highest Hour	364	58	43	69
13th	Highest Hour	330	53	39	62
14th	Highest Hour	305	49	36	58
15th	Highest Hour	305	49	36	58
16th	Highest Hour	296	48	35	56
17th	Highest Hour	169	27	20	32
18th	Highest Hour	93	15	11	18
19th	Highest Hour	85	14	10	16
20th	Highest Hour	34	5	4	6
21st	Highest Hour	25	4	3	5
22nd	Highest Hour	25	4	3	5
23rd	Highest Hour	17	3	2	3
24th	Highest Hour	17	3	2	3

Calculations

Combined Major Street	Higher Minor Street	Threshold	Is Threshold Met?
982	160	209	No
940	153	223	No
898	146	238	No
856	139	254	No
814	133	270	No
772	126	288	No
729	119	306	No
687	112	324	No
628	102	352	No
540	88	395	No
442	72	448	No
422	69	459	No
383	62	481	No
354	58	499	No
354	58	499	No
344	56	504	No
196	32	597	No
108	18	657	No
98	16	663	No
39	6	705	No
29	5	712	No
29	5	712	No
20	3	720	No
20	3	720	No
			0

Number of lanes for moving traffic on each approach (Major Street)	1
Number of lanes for moving traffic on each approach (Minor Street)	1
Warrant Factor	100%
Row Index for VLOOKUP	1

Lookup Table

Index	Major Street	Minor Street	Break Point	x^2	x	c	alt	
1	1	1	1460	0.00021	0.74072	734.125	100	100% Factor
2	2 or more	1	1760	0.00015	0.67328	809.779	100	
3	2 or more	2 or more	1690	0.00023	0.93419	1081.658	150	
4	1	2 or more	1450	0.00015	0.67328	809.779	150	
5	1	1	1040	0.00035	0.80083	529.197	75	
6	2 or more	1	1160	0.00025	0.73111	586.099	75	70% Factor
7	2 or more	2 or more	1130	0.00033	0.95887	762.050	100	
8	1	2 or more	1020	0.00025	0.73111	586.099	100	

Is Warrant #3 met based on the applicable warrant factor? **No**

Condition A Criteria

	EB	WB
Total Stopped Delay Per Vehicle On Minor Approach (sec)	13.0	14.2
Number Of Lanes On Minor Street Approach	1	1
Vehicle-Hours Of Stopped Delay On Minor Approach	0.36	0.63
	No	No
Volume on Minor Street Approach During Same Hour	100	160
	No	Yes
Total Entering Volume On All Approaches During Same Hour	1242	
Number of Approaches to Intersection	4	
	Yes	

Is Warrant #3 met based on Condition A criteria? **No**

KITTELSON & ASSOCIATES, INC.
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Fax: (503) 273-8169

Project #: 25515
Project Name: Richmond Gardens Industrial TIA
Analyst: Kittelson and Associates, Inc.
Date: 5/25/2021
File: H:\25\25515 - Richmond Gardens Industrial TIA\report\draft\Appendix\[Signal Warrant Analysis_Cumulative+P_19pm.xls]War #3 - Peak HR

Intersection: Fred Jackson Way/Pittsburg Ave
Scenario: Cumulative Plus Project Conditions - PM Peak Hour

Warrant Summary

Warrant	Name	Analyzed?	Met?
#1	Eight-Hour Vehicular Volume	Yes	Yes
#2	Four-Hour Vehicular volume	Yes	Yes
#3	Peak Hour	Yes	Yes
#4	Pedestrian Volume	No	-
#5	School Crossing	No	-
#6	Coordinated Signal System	No	-
#7	Crash Experience	No	-
#8	Roadway Network	No	-

Analysis Traffic Volumes

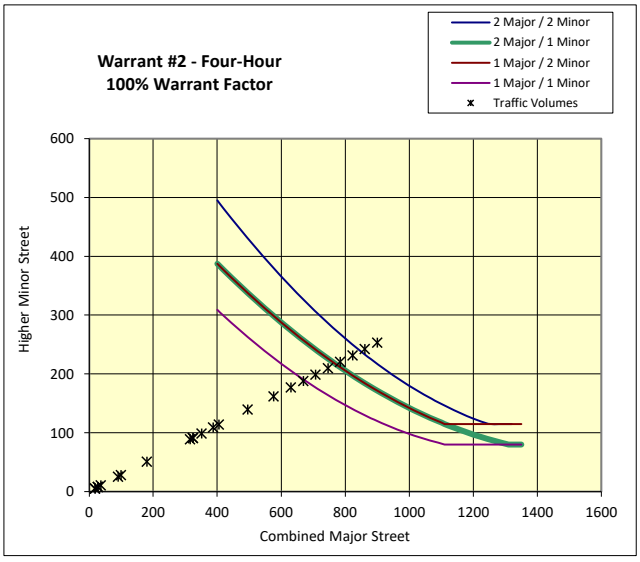
Hour		Major Street		Minor Street	
Begin	End	NB	SB	EB	WB
8:00 AM	9:00 AM	718	182	253	11
2nd	Highest Hour	687	174	242	11
3rd	Highest Hour	656	166	231	10
4th	Highest Hour	626	159	220	10
5th	Highest Hour	595	151	210	9
6th	Highest Hour	564	143	199	9
7th	Highest Hour	533	135	188	8
8th	Highest Hour	503	127	177	8
9th	Highest Hour	460	116	162	7
10th	Highest Hour	395	100	139	6
11th	Highest Hour	323	82	114	5
12th	Highest Hour	309	78	109	5
13th	Highest Hour	280	71	99	4
14th	Highest Hour	258	66	91	4
15th	Highest Hour	258	66	91	4
16th	Highest Hour	251	64	89	4
17th	Highest Hour	144	36	51	2
18th	Highest Hour	79	20	28	1
19th	Highest Hour	72	18	25	1
20th	Highest Hour	29	7	10	0
21st	Highest Hour	22	5	8	0
22nd	Highest Hour	22	5	8	0
23rd	Highest Hour	14	4	5	0
24th	Highest Hour	14	4	5	0

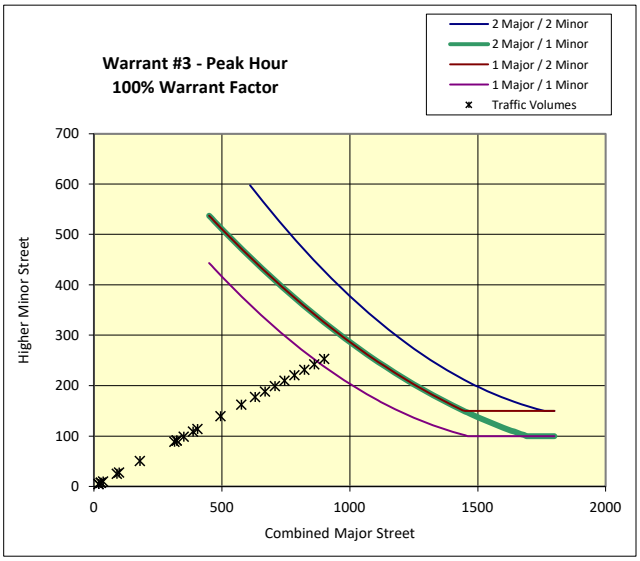
Input Parameters

Volume Adjustment Factor =	1.0
North-South Approach =	Major
East-West Approach =	Minor
Major Street Thru Lanes =	1
Minor Street Thru Lanes =	1
Speed > 40 mph?	No
Population < 10,000?	No
Warrant Factor	100%
Peak Hour or Daily Count?	Peak Hour
Major Street: 4th-Highest Hour / Peak Hour	87%
Major Street: 8th-Highest Hour / Peak Hour	70%
Minor Street: 4th-Highest Hour / Peak Hour	87%
Minor Street: 8th-Highest Hour / Peak Hour	70%

Warrant #1 - Eight Hour

Warrant Factor	Condition	Major Street Requirement	Minor Street Requirement	Hours That Condition Is Met	Condition for Warrant Factor Met?	Signal Warrant Met?
100%	A	500	150	9	Yes	**Yes**
	B	750	75	4	No	
80%	A	400	120	10	Yes	**Yes**
	B	600	60	8	Yes	
70%	A	350	105	12	Yes	**Yes**
	B	525	53	9	Yes	





Traffic Volumes

Hour		Major Street		Minor Street	
Begin	End	NB	SB	EB	WB
8:00 AM	9:00 AM	718	182	253	11
2nd	Highest Hour	687	174	242	11
3rd	Highest Hour	656	166	231	10
4th	Highest Hour	626	159	220	10
5th	Highest Hour	595	151	210	9
6th	Highest Hour	564	143	199	9
7th	Highest Hour	533	135	188	8
8th	Highest Hour	503	127	177	8
9th	Highest Hour	460	116	162	7
10th	Highest Hour	395	100	139	6
11th	Highest Hour	323	82	114	5
12th	Highest Hour	309	78	109	5
13th	Highest Hour	280	71	99	4
14th	Highest Hour	258	66	91	4
15th	Highest Hour	258	66	91	4
16th	Highest Hour	251	64	89	4
17th	Highest Hour	144	36	51	2
18th	Highest Hour	79	20	28	1
19th	Highest Hour	72	18	25	1
20th	Highest Hour	29	7	10	0
21st	Highest Hour	22	5	8	0
22nd	Highest Hour	22	5	8	0
23rd	Highest Hour	14	4	5	0
24th	Highest Hour	14	4	5	0

Calculations

Combined Major Street	Higher Minor Street	Threshold	Is Threshold Met?
900	253	238	Yes
861	242	252	No
823	231	267	No
784	220	282	No
746	210	299	No
707	199	315	No
669	188	333	No
630	177	351	No
576	162	377	No
495	139	419	No
405	114	469	No
387	109	479	No
351	99	500	No
324	91	516	No
324	91	516	No
315	89	522	No
180	51	608	No
99	28	663	No
90	25	669	No
36	10	708	No
27	8	714	No
27	8	714	No
18	5	721	No
18	5	721	No

1

Number of lanes for moving traffic on each approach (Major Street)	1
Number of lanes for moving traffic on each approach (Minor Street)	1
Warrant Factor	100%
Row Index for VLOOKUP	1

Lookup Table

Index	Major Street	Minor Street	Break Point	x^2	x	c	alt	
1	1	1	1460	0.00021	0.74072	734.125	100	100% Factor
2	2 or more	1	1760	0.00015	0.67328	809.779	100	
3	2 or more	2 or more	1690	0.00023	0.93419	1081.658	150	
4	1	2 or more	1450	0.00015	0.67328	809.779	150	
5	1	1	1040	0.00035	0.80083	529.197	75	70% Factor
6	2 or more	1	1160	0.00025	0.73111	586.099	75	
7	2 or more	2 or more	1130	0.00033	0.95887	762.050	100	
8	1	2 or more	1020	0.00025	0.73111	586.099	100	

Is Warrant #3 met based on the applicable warrant factor? **Yes**

Condition A Criteria

	EB	WB
Total Stopped Delay Per Vehicle On Minor Approach (sec)	202.4	24.5
Number Of Lanes On Minor Street Approach	1	1
Vehicle-Hours Of Stopped Delay On Minor Approach	14.22	0.07
	Yes	No
Volume on Minor Street Approach During Same Hour	253	11
	Yes	No
Total Entering Volume On All Approaches During Same Hour	1164	
Number of Approaches to Intersection	4	
	Yes	

Is Warrant #3 met based on Condition A criteria? **Yes**

KITTELSON & ASSOCIATES, INC.
610 SW Alder, Suite 700
Portland, Oregon 97205
(503) 228-5230
Fax: (503) 273-8169

Project #: 25515
Project Name: Richmond Gardens Industrial TIA
Analyst: Kittelson and Associates, Inc.
Date: 5/25/2021
File: H:\25\25515 - Richmond Gardens Industrial TIA\report\draft\Appendix\[Signal Warrant Analysis_Cumulative+P_21pm.xls]War #3 - Peak HR

Intersection: Parr Blvd/Goodrick Ave
Scenario: Cumulative Plus Project Conditions - PM Peak Hour

Warrant Summary

Warrant	Name	Analyzed?	Met?
#1	Eight-Hour Vehicular Volume	Yes	No
#2	Four-Hour Vehicular volume	Yes	No
#3	Peak Hour	Yes	No
#4	Pedestrian Volume	No	-
#5	School Crossing	No	-
#6	Coordinated Signal System	No	-
#7	Crash Experience	No	-
#8	Roadway Network	No	-

Analysis Traffic Volumes

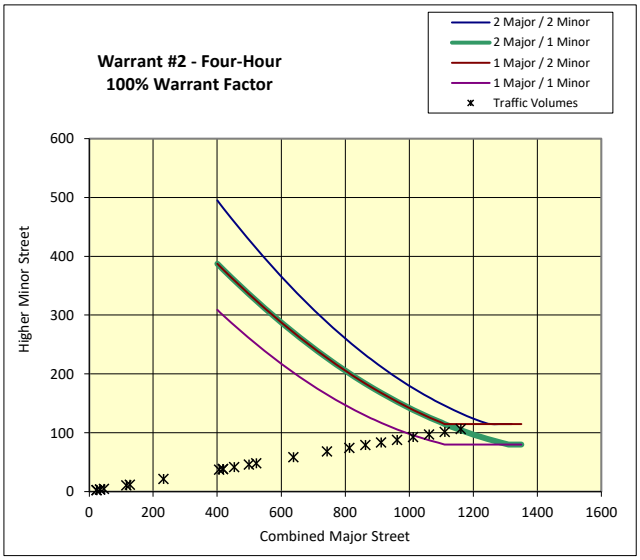
Hour		Major Street		Minor Street	
Begin	End	EB	WB	NB	SB
8:00 AM	9:00 AM	998	163	0	106
2nd	Highest Hour	955	156	0	101
3rd	Highest Hour	912	149	0	97
4th	Highest Hour	870	142	0	92
5th	Highest Hour	827	135	0	88
6th	Highest Hour	784	128	0	83
7th	Highest Hour	741	121	0	79
8th	Highest Hour	699	114	0	74
9th	Highest Hour	639	104	0	68
10th	Highest Hour	549	90	0	58
11th	Highest Hour	449	73	0	48
12th	Highest Hour	429	70	0	46
13th	Highest Hour	389	64	0	41
14th	Highest Hour	359	59	0	38
15th	Highest Hour	359	59	0	38
16th	Highest Hour	349	57	0	37
17th	Highest Hour	200	33	0	21
18th	Highest Hour	110	18	0	12
19th	Highest Hour	100	16	0	11
20th	Highest Hour	40	7	0	4
21st	Highest Hour	30	5	0	3
22nd	Highest Hour	30	5	0	3
23rd	Highest Hour	20	3	0	2
24th	Highest Hour	20	3	0	2

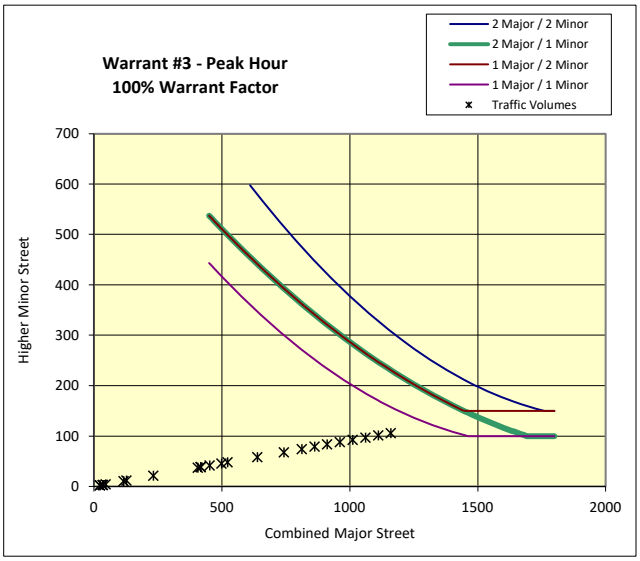
Input Parameters

Volume Adjustment Factor =	1.0
North-South Approach =	Minor
East-West Approach =	Major
Major Street Thru Lanes =	1
Minor Street Thru Lanes =	0
Speed > 40 mph?	No
Population < 10,000?	No
Warrant Factor	100%
Peak Hour or Daily Count?	Peak Hour
Major Street: 4th-Highest Hour / Peak Hour	87%
Major Street: 8th-Highest Hour / Peak Hour	70%
Minor Street: 4th-Highest Hour / Peak Hour	87%
Minor Street: 8th-Highest Hour / Peak Hour	70%

Warrant #1 - Eight Hour

Warrant Factor	Condition	Major Street Requirement	Minor Street Requirement	Hours That Condition Is Met	Condition for Warrant Factor Met?	Signal Warrant Met?
100%	A	500	200	0	No	**No**
	B	750	100	2	No	
80%	A	400	160	0	No	**No**
	B	600	80	6	No	
70%	A	350	140	0	No	**Yes**
	B	525	70	8	Yes	





Traffic Volumes

Hour		Major Street		Minor Street	
Begin	End	EB	WB	NB	SB
8:00 AM	9:00 AM	998	163	0	106
2nd	Highest Hour	955	156	0	101
3rd	Highest Hour	912	149	0	97
4th	Highest Hour	870	142	0	92
5th	Highest Hour	827	135	0	88
6th	Highest Hour	784	128	0	83
7th	Highest Hour	741	121	0	79
8th	Highest Hour	699	114	0	74
9th	Highest Hour	639	104	0	68
10th	Highest Hour	549	90	0	58
11th	Highest Hour	449	73	0	48
12th	Highest Hour	429	70	0	46
13th	Highest Hour	389	64	0	41
14th	Highest Hour	359	59	0	38
15th	Highest Hour	359	59	0	38
16th	Highest Hour	349	57	0	37
17th	Highest Hour	200	33	0	21
18th	Highest Hour	110	18	0	12
19th	Highest Hour	100	16	0	11
20th	Highest Hour	40	7	0	4
21st	Highest Hour	30	5	0	3
22nd	Highest Hour	30	5	0	3
23rd	Highest Hour	20	3	0	2
24th	Highest Hour	20	3	0	2

Calculations

Combined Major Street	Higher Minor Street	Threshold	Is Threshold Met?
1161	106	230	No
1111	101	247	No
1061	97	264	No
1012	92	282	No
962	88	301	No
912	83	320	No
862	79	341	No
813	74	362	No
743	68	392	No
639	58	441	No
522	48	499	No
499	46	511	No
453	41	536	No
418	38	555	No
418	38	555	No
406	37	561	No
232	21	662	No
128	12	726	No
116	11	734	No
46	4	779	No
35	3	787	No
35	3	787	No
23	2	794	No
23	2	794	No
			0

Number of lanes for moving traffic on each approach (Major Street)	1
Number of lanes for moving traffic on each approach (Minor Street)	0
Warrant Factor	100%
Row Index for VLOOKUP	4

Lookup Table

Index	Major Street	Minor Street	Break Point	x^2	x	c	alt	
1	1	1	1460	0.00021	0.74072	734.125	100	
2	2 or more	1	1760	0.00015	0.67328	809.779	100	100% Factor
3	2 or more	2 or more	1690	0.00023	0.93419	1081.658	150	
4	1	2 or more	1450	0.00015	0.67328	809.779	150	
5	1	1	1040	0.00035	0.80083	529.197	75	
6	2 or more	1	1160	0.00025	0.73111	586.099	75	70% Factor
7	2 or more	2 or more	1130	0.00033	0.95887	762.050	100	
8	1	2 or more	1020	0.00025	0.73111	586.099	100	

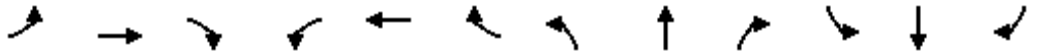
Is Warrant #3 met based on the applicable warrant factor? **No**

Condition A Criteria

	NB	SB
Total Stopped Delay Per Vehicle On Minor Approach (sec)	0.0	81.0
Number Of Lanes On Minor Street Approach	0	1
Vehicle-Hours Of Stopped Delay On Minor Approach	0.00	2.39
	No	No
Volume on Minor Street Approach During Same Hour	0	106
	No	Yes
Total Entering Volume On All Approaches During Same Hour	1267	
Number of Approaches to Intersection	3	
	Yes	

Is Warrant #3 met based on Condition A criteria? **No**

ATTACHMENT D: CUMULATIVE WITH PROJECT ALTERNATIVE LOS CALCULATIONS



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	290	934	280	210	442	120	110	60	340	80	490	1638
Future Volume (veh/h)	290	934	280	210	442	120	110	60	340	80	490	1638
Number	5	2	12	1	6	16	3	8	18	7	4	14
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1759	1759	1759	1759	1759	1759	1792	1792	1792	1776	1776	1776
Adj Flow Rate, veh/h	302	973	162	219	460	0	115	62	138	83	510	1242
Adj No. of Lanes	1	3	1	2	1	1	1	1	2	1	1	2
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	8	8	8	8	8	8	6	6	6	7	7	7
Cap, veh/h	286	1619	503	257	432	367	148	753	1126	101	697	1043
Arrive On Green	0.17	0.34	0.34	0.08	0.25	0.00	0.09	0.42	0.42	0.06	0.39	0.39
Sat Flow, veh/h	1675	4803	1491	3250	1759	1495	1707	1792	2682	1691	1776	2656
Grp Volume(v), veh/h	302	973	162	219	460	0	115	62	138	83	510	1242
Grp Sat Flow(s),veh/h/ln	1675	1601	1491	1625	1759	1495	1707	1792	1341	1691	1776	1328
Q Serve(g_s), s	27.3	26.9	12.9	10.6	39.3	0.0	10.6	3.3	5.0	7.8	39.2	62.8
Cycle Q Clear(g_c), s	27.3	26.9	12.9	10.6	39.3	0.0	10.6	3.3	5.0	7.8	39.2	62.8
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	286	1619	503	257	432	367	148	753	1126	101	697	1043
V/C Ratio(X)	1.06	0.60	0.32	0.85	1.06	0.00	0.77	0.08	0.12	0.82	0.73	1.19
Avail Cap(c_a), veh/h	286	1619	503	362	432	367	149	753	1126	169	697	1043
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	66.4	44.1	39.4	72.7	60.4	0.0	71.5	27.9	28.4	74.4	41.4	48.6
Incr Delay (d2), s/veh	68.8	1.7	1.7	9.6	61.6	0.0	20.1	0.0	0.0	6.2	3.5	95.7
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	18.1	12.1	5.5	5.1	26.5	0.0	5.8	1.7	1.9	3.8	19.8	36.9
LnGrp Delay(d),s/veh	135.2	45.8	41.1	82.4	122.0	0.0	91.6	27.9	28.4	80.6	44.9	144.3
LnGrp LOS	F	D	D	F	F		F	C	C	F	D	F
Approach Vol, veh/h		1437			679			315			1835	
Approach Delay, s/veh		64.0			109.2			51.4			113.8	
Approach LOS		E			F			D			F	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	16.4	59.0	17.6	67.0	31.0	44.4	13.2	71.4
Change Period (Y+Rc), s	3.7	5.1	3.7	* 4.2	3.7	5.1	3.7	* 4.2
Max Green Setting (Gmax), s	17.8	48.7	14.0	* 63	27.3	39.2	16.0	* 61
Max Q Clear Time (g_c+I1), s	12.6	28.9	12.6	64.8	29.3	41.3	9.8	7.0
Green Ext Time (p_c), s	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.1

Intersection Summary	
HCM 2010 Ctrl Delay	91.7
HCM 2010 LOS	F

Notes

* HCM 2010 computational engine requires equal clearance times for the phases crossing the barrier.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	290	844	30	132	1619	190	50	360	110	310	1110	952
Future Volume (veh/h)	290	844	30	132	1619	190	50	360	110	310	1110	952
Number	5	2	12	1	6	16	3	8	18	7	4	14
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1712	1712	1900	1743	1743	1743	1827	1827	1827	1863	1863	1863
Adj Flow Rate, veh/h	312	908	30	142	1741	0	54	387	32	333	1194	852
Adj No. of Lanes	2	3	0	2	3	1	1	2	1	1	2	1
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Percent Heavy Veh, %	11	11	11	9	9	9	4	4	4	2	2	2
Cap, veh/h	282	1466	48	180	1338	417	68	1116	499	261	1520	679
Arrive On Green	0.09	0.32	0.32	0.06	0.28	0.00	0.04	0.32	0.32	0.15	0.43	0.43
Sat Flow, veh/h	3163	4647	153	3221	4759	1482	1740	3471	1553	1774	3539	1582
Grp Volume(v), veh/h	312	608	330	142	1741	0	54	387	32	333	1194	852
Grp Sat Flow(s),veh/h/ln	1581	1558	1685	1610	1586	1482	1740	1736	1553	1774	1770	1582
Q Serve(g_s), s	15.1	28.2	28.3	7.4	47.8	0.0	5.2	14.5	2.4	25.0	49.4	73.0
Cycle Q Clear(g_c), s	15.1	28.2	28.3	7.4	47.8	0.0	5.2	14.5	2.4	25.0	49.4	73.0
Prop In Lane	1.00		0.09	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	282	983	531	180	1338	417	68	1116	499	261	1520	679
V/C Ratio(X)	1.11	0.62	0.62	0.79	1.30	0.00	0.79	0.35	0.06	1.28	0.79	1.25
Avail Cap(c_a), veh/h	282	983	531	265	1338	417	72	1123	502	261	1520	679
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.82	0.82	0.82	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	77.4	49.5	49.5	79.3	61.1	0.0	81.0	44.0	39.9	72.5	41.8	48.5
Incr Delay (d2), s/veh	81.0	2.4	4.4	7.6	141.1	0.0	40.9	0.3	0.1	150.7	3.1	126.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	9.8	12.5	13.8	3.5	38.4	0.0	3.3	7.0	1.1	23.2	24.7	55.7
LnGrp Delay(d),s/veh	158.5	51.9	54.0	86.8	202.2	0.0	121.9	44.3	40.0	223.2	44.8	174.6
LnGrp LOS	F	D	D	F	F		F	D	D	F	D	F
Approach Vol, veh/h		1250			1883			473			2379	
Approach Delay, s/veh		79.0			193.5			52.9			116.3	
Approach LOS		E			F			D			F	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	16.5	60.8	12.7	80.0	22.3	55.0	31.0	61.7
Change Period (Y+Rc), s	7.0	7.2	6.0	7.0	7.2	* 7.2	6.0	7.0
Max Green Setting (Gmax), s	14.0	48.8	7.0	73.0	15.0	* 48	25.0	55.0
Max Q Clear Time (g_c+I1), s	9.4	30.3	7.2	75.0	17.1	49.8	27.0	16.5
Green Ext Time (p_c), s	0.1	8.3	0.0	0.0	0.0	0.0	0.0	4.5

Intersection Summary	
HCM 2010 Ctrl Delay	127.8
HCM 2010 LOS	F

Notes

User approved pedestrian interval to be less than phase max green.

* HCM 2010 computational engine requires equal clearance times for the phases crossing the barrier.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	92	704	192	70	2171	380	92	40	150	310	90	182
Future Volume (veh/h)	92	704	192	70	2171	380	92	40	150	310	90	182
Number	5	2	12	1	6	16	3	8	18	7	4	14
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1696	1696	1696	1759	1759	1759	1863	1863	1863	1776	1776	1776
Adj Flow Rate, veh/h	97	741	89	74	2285	224	97	42	3	326	95	56
Adj No. of Lanes	2	3	1	1	3	1	1	1	1	1	1	1
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	12	12	12	8	8	8	2	2	2	7	7	7
Cap, veh/h	89	2282	711	92	2477	771	120	105	90	329	331	282
Arrive On Green	0.03	0.49	0.49	0.05	0.52	0.52	0.07	0.06	0.06	0.19	0.19	0.19
Sat Flow, veh/h	3134	4631	1442	1675	4803	1495	1774	1863	1583	1691	1776	1509
Grp Volume(v), veh/h	97	741	89	74	2285	224	97	42	3	326	95	56
Grp Sat Flow(s),veh/h/ln	1567	1544	1442	1675	1601	1495	1774	1863	1583	1691	1776	1509
Q Serve(g_s), s	4.0	13.7	4.7	6.2	62.2	12.1	7.6	3.1	0.3	27.2	6.5	4.4
Cycle Q Clear(g_c), s	4.0	13.7	4.7	6.2	62.2	12.1	7.6	3.1	0.3	27.2	6.5	4.4
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	89	2282	711	92	2477	771	120	105	90	329	331	282
V/C Ratio(X)	1.09	0.32	0.13	0.81	0.92	0.29	0.81	0.40	0.03	0.99	0.29	0.20
Avail Cap(c_a), veh/h	89	2282	711	142	2495	777	188	606	515	329	741	630
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	68.7	21.7	19.4	66.1	31.6	19.5	65.0	64.4	63.1	56.9	49.4	48.6
Incr Delay (d2), s/veh	123.5	0.1	0.1	8.8	6.4	0.3	23.5	3.4	0.2	47.3	0.7	0.5
Initial Q Delay(d3),s/veh	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	3.2	5.9	1.9	3.1	28.8	5.0	4.5	1.7	0.1	17.0	3.3	1.9
LnGrp Delay(d),s/veh	192.4	21.8	19.5	74.9	38.1	19.8	88.5	67.9	63.3	104.2	50.1	49.1
LnGrp LOS	F	C	B	E	D	B	F	E	E	F	D	D
Approach Vol, veh/h		927			2583			142			477	
Approach Delay, s/veh		39.4			37.6			81.8			87.0	
Approach LOS		D			D			F			F	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	14.8	76.7	16.6	33.4	11.5	80.0	35.0	15.0
Change Period (Y+Rc), s	7.0	7.0	7.0	7.0	7.5	7.0	7.5	7.0
Max Green Setting (Gmax), s	12.0	66.0	15.0	59.0	4.0	73.5	27.5	46.0
Max Q Clear Time (g_c+I1), s	8.2	15.7	9.6	8.5	6.0	64.2	29.2	5.1
Green Ext Time (p_c), s	0.0	8.5	0.2	1.1	0.0	8.8	0.0	0.3

Intersection Summary	
HCM 2010 Ctrl Delay	45.2
HCM 2010 LOS	D

Notes

User approved pedestrian interval to be less than phase max green.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	20	829	194	40	2376	30	274	40	110	50	90	100
Future Volume (veh/h)	20	829	194	40	2376	30	274	40	110	50	90	100
Number	5	2	12	1	6	16	3	8	18	7	4	14
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		0.99	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1696	1696	1696	1776	1776	1776	1863	1863	1863	1900	1900	1900
Adj Flow Rate, veh/h	20	846	93	41	2424	16	280	41	18	51	92	6
Adj No. of Lanes	2	3	1	1	3	1	2	1	1	1	2	0
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	12	12	12	7	7	7	2	2	2	0	0	0
Cap, veh/h	56	2488	775	50	2661	828	462	242	204	129	245	16
Arrive On Green	0.02	0.54	0.54	0.03	0.55	0.55	0.13	0.13	0.13	0.07	0.07	0.07
Sat Flow, veh/h	3134	4631	1442	1691	4848	1509	3548	1863	1565	1810	3443	223
Grp Volume(v), veh/h	20	846	93	41	2424	16	280	41	18	51	48	50
Grp Sat Flow(s),veh/h/ln	1567	1544	1442	1691	1616	1509	1774	1863	1565	1810	1805	1861
Q Serve(g_s), s	0.5	8.4	2.6	2.0	36.8	0.4	6.1	1.6	0.8	2.2	2.1	2.1
Cycle Q Clear(g_c), s	0.5	8.4	2.6	2.0	36.8	0.4	6.1	1.6	0.8	2.2	2.1	2.1
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		0.12
Lane Grp Cap(c), veh/h	56	2488	775	50	2661	828	462	242	204	129	128	132
V/C Ratio(X)	0.36	0.34	0.12	0.82	0.91	0.02	0.61	0.17	0.09	0.40	0.37	0.38
Avail Cap(c_a), veh/h	769	2557	796	726	2677	833	1089	571	480	555	554	571
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	39.6	10.7	9.3	39.3	16.6	8.4	33.5	31.5	31.2	36.2	36.1	36.1
Incr Delay (d2), s/veh	1.4	0.1	0.1	11.3	5.3	0.0	1.8	0.5	0.3	0.7	0.7	0.7
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.2	3.6	1.1	1.1	17.5	0.2	3.1	0.9	0.4	1.1	1.0	1.1
LnGrp Delay(d),s/veh	41.0	10.8	9.4	50.6	21.9	8.4	35.3	32.0	31.5	36.9	36.8	36.8
LnGrp LOS	D	B	A	D	C	A	D	C	C	D	D	D
Approach Vol, veh/h		959			2481			339			149	
Approach Delay, s/veh		11.3			22.3			34.7			36.8	
Approach LOS		B			C			C			D	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	6.4	49.5		10.4	5.5	50.4		15.2
Change Period (Y+Rc), s	4.0	5.7		4.6	4.0	5.7		4.6
Max Green Setting (Gmax), s	35.0	45.0		25.0	20.0	45.0		25.0
Max Q Clear Time (g_c+I1), s	4.6	10.4		4.2	2.5	38.8		8.1
Green Ext Time (p_c), s	0.0	9.3		0.3	0.0	6.0		1.7

Intersection Summary	
HCM 2010 Ctrl Delay	21.2
HCM 2010 LOS	C

Notes

User approved pedestrian interval to be less than phase max green.
User approved volume balancing among the lanes for turning movement.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	50	782	20	133	2290	50	20	20	101	20	20	20
Future Volume (veh/h)	50	782	20	133	2290	50	20	20	101	20	20	20
Number	5	2	12	1	6	16	7	4	14	3	8	18
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1696	1696	1696	1792	1792	1792	1900	1583	1583	1900	1900	1900
Adj Flow Rate, veh/h	52	806	12	137	2361	33	21	21	23	21	21	0
Adj No. of Lanes	1	2	1	1	2	1	0	1	1	0	1	0
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %	12	12	12	6	6	6	20	20	20	0	0	0
Cap, veh/h	63	2019	903	174	2317	1036	129	35	198	109	15	0
Arrive On Green	0.04	0.63	0.63	0.10	0.68	0.68	0.04	0.04	0.04	0.04	0.04	0.00
Sat Flow, veh/h	1616	3223	1442	1707	3406	1524	772	772	1346	326	326	0
Grp Volume(v), veh/h	52	806	12	137	2361	33	42	0	23	42	0	0
Grp Sat Flow(s),veh/h/ln	1616	1612	1442	1707	1703	1524	1545	0	1346	651	0	0
Q Serve(g_s), s	1.8	7.1	0.2	4.5	39.0	0.4	0.0	0.0	0.9	1.0	0.0	0.0
Cycle Q Clear(g_c), s	1.8	7.1	0.2	4.5	39.0	0.4	1.5	0.0	0.9	2.6	0.0	0.0
Prop In Lane	1.00		1.00	1.00		1.00	0.50		1.00	0.50		0.00
Lane Grp Cap(c), veh/h	63	2019	903	174	2317	1036	164	0	198	123	0	0
V/C Ratio(X)	0.82	0.40	0.01	0.79	1.02	0.03	0.26	0.00	0.12	0.34	0.00	0.00
Avail Cap(c_a), veh/h	409	2193	981	447	2317	1036	574	0	607	610	0	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	27.3	5.3	4.0	25.1	9.2	3.0	26.9	0.0	21.2	28.3	0.0	0.0
Incr Delay (d2), s/veh	9.3	0.2	0.0	3.0	23.7	0.0	0.8	0.0	0.3	1.6	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.0	3.2	0.1	2.2	25.3	0.2	0.7	0.0	0.3	0.7	0.0	0.0
LnGrp Delay(d),s/veh	36.6	5.5	4.0	28.1	32.8	3.0	27.7	0.0	21.5	29.9	0.0	0.0
LnGrp LOS	D	A	A	C	F	A	C		C	C		
Approach Vol, veh/h		870			2531			65			42	
Approach Delay, s/veh		7.4			32.2			25.5			29.9	
Approach LOS		A			C			C			C	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	9.8	40.9		6.6	6.8	44.0		6.6
Change Period (Y+Rc), s	4.0	5.0		4.0	4.5	5.0		4.0
Max Green Setting (Gmax), s	15.8	39.0		20.0	14.5	39.0		20.0
Max Q Clear Time (g_c+I1), s	6.5	9.1		3.5	3.8	41.0		4.6
Green Ext Time (p_c), s	0.1	8.0		0.1	0.0	0.0		0.1

Intersection Summary	
HCM 2010 Ctrl Delay	25.9
HCM 2010 LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	20	50	40	335	50	82	40	750	209	100	2180	50
Future Volume (veh/h)	20	50	40	335	50	82	40	750	209	100	2180	50
Number	3	8	18	7	4	14	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1242	1242	1900	1508	1508	1508	1696	1696	1696	1810	1810	1810
Adj Flow Rate, veh/h	21	53	26	391	0	18	42	789	149	105	2295	25
Adj No. of Lanes	1	1	0	2	0	1	1	2	1	1	2	1
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	53	53	53	26	26	26	12	12	12	5	5	5
Cap, veh/h	97	65	32	494	0	220	52	1706	763	127	1962	876
Arrive On Green	0.08	0.08	0.08	0.17	0.00	0.17	0.03	0.53	0.53	0.07	0.57	0.57
Sat Flow, veh/h	1183	787	386	2872	0	1282	1616	3223	1442	1723	3438	1534
Grp Volume(v), veh/h	21	0	79	391	0	18	42	789	149	105	2295	25
Grp Sat Flow(s),veh/h/ln	1183	0	1174	1436	0	1282	1616	1612	1442	1723	1719	1534
Q Serve(g_s), s	2.3	0.0	9.3	18.3	0.0	1.7	3.6	21.4	7.6	8.4	80.0	1.0
Cycle Q Clear(g_c), s	2.3	0.0	9.3	18.3	0.0	1.7	3.6	21.4	7.6	8.4	80.0	1.0
Prop In Lane	1.00		0.33	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	97	0	96	494	0	220	52	1706	763	127	1962	876
V/C Ratio(X)	0.22	0.00	0.82	0.79	0.00	0.08	0.80	0.46	0.20	0.83	1.17	0.03
Avail Cap(c_a), veh/h	338	0	335	820	0	366	288	1840	823	307	1962	876
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	60.1	0.0	63.3	55.6	0.0	48.7	67.4	20.5	17.3	64.0	30.1	13.1
Incr Delay (d2), s/veh	1.1	0.0	15.4	9.9	0.0	0.6	10.0	0.3	0.2	5.1	82.2	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.8	0.0	3.4	8.0	0.0	0.6	1.8	9.6	3.1	4.2	60.0	0.4
LnGrp Delay(d),s/veh	61.2	0.0	78.7	65.5	0.0	49.3	77.3	20.8	17.5	69.1	112.3	13.1
LnGrp LOS	E		E	E		D	E	C	B	E	F	B
Approach Vol, veh/h		100			409			980			2425	
Approach Delay, s/veh		75.0			64.8			22.7			109.4	
Approach LOS		E			E			C			F	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	14.3	80.2		29.1	8.5	86.0		16.5
Change Period (Y+Rc), s	4.0	6.0		5.0	4.0	6.0		5.0
Max Green Setting (Gmax), s	25.0	80.0		40.0	25.0	80.0		40.0
Max Q Clear Time (g_c+I1), s	10.4	23.4		20.3	5.6	82.0		11.3
Green Ext Time (p_c), s	0.1	9.9		3.8	0.0	0.0		0.5

Intersection Summary	
HCM 2010 Ctrl Delay	82.1
HCM 2010 LOS	F

Notes

User approved volume balancing among the lanes for turning movement.

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	120	51	101	232	38	141
Future Volume (veh/h)	120	51	101	232	38	141
Number	4	14	3	8	5	12
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1532	1900	1667	1667	1545	1545
Adj Flow Rate, veh/h	143	44	120	276	45	47
Adj No. of Lanes	1	0	1	1	1	1
Peak Hour Factor	0.84	0.84	0.84	0.84	0.84	0.84
Percent Heavy Veh, %	24	24	14	14	23	23
Cap, veh/h	252	77	173	825	265	380
Arrive On Green	0.22	0.22	0.11	0.49	0.18	0.18
Sat Flow, veh/h	1124	346	1587	1667	1471	1313
Grp Volume(v), veh/h	0	187	120	276	45	47
Grp Sat Flow(s),veh/h/ln	0	1470	1587	1667	1471	1313
Q Serve(g_s), s	0.0	3.1	2.0	2.8	0.7	0.7
Cycle Q Clear(g_c), s	0.0	3.1	2.0	2.8	0.7	0.7
Prop In Lane		0.24	1.00		1.00	1.00
Lane Grp Cap(c), veh/h	0	329	173	825	265	380
V/C Ratio(X)	0.00	0.57	0.69	0.33	0.17	0.12
Avail Cap(c_a), veh/h	0	2413	1918	5020	1459	1445
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	0.0	9.6	11.9	4.2	9.6	7.3
Incr Delay (d2), s/veh	0.0	1.5	5.0	0.2	0.3	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	1.4	1.1	1.3	0.3	0.3
LnGrp Delay(d),s/veh	0.0	11.1	16.9	4.5	9.9	7.4
LnGrp LOS		B	B	A	A	A
Approach Vol, veh/h	187			396	92	
Approach Delay, s/veh	11.1			8.2	8.6	
Approach LOS	B			A	A	

Timer	1	2	3	4	5	6	7	8
Assigned Phs		2	3	4				8
Phs Duration (G+Y+Rc), s		9.5	7.5	10.7				18.2
Change Period (Y+Rc), s		4.5	4.5	4.5				4.5
Max Green Setting (Gmax), s		27.5	33.5	45.5				83.5
Max Q Clear Time (g_c+I1), s		2.7	4.0	5.1				4.8
Green Ext Time (p_c), s		0.2	0.3	1.2				1.8

Intersection Summary	
HCM 2010 Ctrl Delay	9.1
HCM 2010 LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	20	20	30	121	20	40	20	939	160	85	2440	30
Future Volume (veh/h)	20	20	30	121	20	40	20	939	160	85	2440	30
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1900	1462	1900	1900	1484	1900	1727	1727	1900	1776	1776	1900
Adj Flow Rate, veh/h	21	21	13	126	21	35	21	978	161	89	2542	31
Adj No. of Lanes	0	1	0	0	1	0	1	2	0	1	2	0
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	30	30	30	28	28	28	10	10	10	7	7	7
Cap, veh/h	111	98	51	191	28	40	28	1794	295	111	2336	28
Arrive On Green	0.17	0.17	0.17	0.17	0.17	0.17	0.02	0.64	0.64	0.07	0.68	0.68
Sat Flow, veh/h	401	573	302	816	164	233	1645	2822	464	1691	3414	42
Grp Volume(v), veh/h	55	0	0	182	0	0	21	568	571	89	1254	1319
Grp Sat Flow(s),veh/h/ln	1276	0	0	1213	0	0	1645	1641	1645	1691	1687	1768
Q Serve(g_s), s	0.0	0.0	0.0	12.9	0.0	0.0	1.5	22.6	22.6	6.1	80.0	80.0
Cycle Q Clear(g_c), s	4.0	0.0	0.0	17.0	0.0	0.0	1.5	22.6	22.6	6.1	80.0	80.0
Prop In Lane	0.38		0.24	0.69		0.19	1.00		0.28	1.00		0.02
Lane Grp Cap(c), veh/h	260	0	0	259	0	0	28	1043	1046	111	1155	1210
V/C Ratio(X)	0.21	0.00	0.00	0.70	0.00	0.00	0.75	0.54	0.55	0.80	1.09	1.09
Avail Cap(c_a), veh/h	471	0	0	458	0	0	352	1123	1126	362	1155	1210
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	41.9	0.0	0.0	46.9	0.0	0.0	57.2	11.9	11.9	53.8	18.4	18.4
Incr Delay (d2), s/veh	0.4	0.0	0.0	3.5	0.0	0.0	14.2	0.7	0.7	4.9	53.0	54.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.6	0.0	0.0	6.0	0.0	0.0	0.8	10.3	10.3	3.0	53.5	56.5
LnGrp Delay(d),s/veh	42.3	0.0	0.0	50.4	0.0	0.0	71.4	12.5	12.5	58.8	71.4	72.5
LnGrp LOS	D			D			E	B	B	E	F	F
Approach Vol, veh/h		55			182			1160			2662	
Approach Delay, s/veh		42.3			50.4			13.6			71.5	
Approach LOS		D			D			B			E	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	11.7	80.3		24.9	6.0	86.0		24.9
Change Period (Y+Rc), s	4.0	6.0		5.0	4.0	6.0		5.0
Max Green Setting (Gmax), s	25.6	80.0		40.0	25.0	80.0		40.0
Max Q Clear Time (g_c+I1), s	8.1	24.6		6.0	3.5	82.0		19.0
Green Ext Time (p_c), s	0.1	13.8		0.3	0.0	0.0		1.0

Intersection Summary	
HCM 2010 Ctrl Delay	53.6
HCM 2010 LOS	D

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	30	20	30	140	20	60	50	1029	50	55	2486	50
Future Volume (veh/h)	30	20	30	140	20	60	50	1029	50	55	2486	50
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1900	1597	1597	1881	1881	1900	1712	1712	1712	1776	1776	1900
Adj Flow Rate, veh/h	31	20	0	99	82	34	51	1050	36	56	2537	50
Adj No. of Lanes	0	1	1	1	1	0	1	2	1	1	2	0
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	19	19	19	1	1	1	11	11	11	7	7	7
Cap, veh/h	38	25	55	142	100	41	53	2359	1055	71	2487	49
Arrive On Green	0.04	0.04	0.00	0.08	0.08	0.08	0.03	0.73	0.73	0.04	0.73	0.73
Sat Flow, veh/h	942	608	1357	1792	1264	524	1630	3252	1455	1691	3384	66
Grp Volume(v), veh/h	51	0	0	99	0	116	51	1050	36	56	1260	1327
Grp Sat Flow(s),veh/h/ln	1550	0	1357	1792	0	1789	1630	1626	1455	1691	1687	1764
Q Serve(g_s), s	5.0	0.0	0.0	8.3	0.0	9.9	4.8	20.2	1.1	5.1	113.5	113.5
Cycle Q Clear(g_c), s	5.0	0.0	0.0	8.3	0.0	9.9	4.8	20.2	1.1	5.1	113.5	113.5
Prop In Lane	0.61		1.00	1.00		0.29	1.00		1.00	1.00		0.04
Lane Grp Cap(c), veh/h	63	0	55	142	0	142	53	2359	1055	71	1239	1296
V/C Ratio(X)	0.81	0.00	0.00	0.70	0.00	0.82	0.97	0.45	0.03	0.79	1.02	1.02
Avail Cap(c_a), veh/h	70	0	61	197	0	197	53	2359	1055	120	1239	1296
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	73.5	0.0	0.0	69.3	0.0	70.0	74.7	8.6	6.0	73.4	20.5	20.5
Incr Delay (d2), s/veh	46.0	0.0	0.0	6.2	0.0	17.0	110.7	0.2	0.0	7.3	29.9	31.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	3.0	0.0	0.0	4.4	0.0	5.6	3.8	9.1	0.4	2.5	62.3	65.6
LnGrp Delay(d),s/veh	119.5	0.0	0.0	75.5	0.0	87.0	185.4	8.8	6.0	80.7	50.4	51.7
LnGrp LOS	F			E		F	F	A	A	F	F	F
Approach Vol, veh/h		51			215			1137			2643	
Approach Delay, s/veh		119.5			81.7			16.6			51.7	
Approach LOS		F			F			B			D	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	10.4	117.6		10.3	9.0	119.0		16.2
Change Period (Y+Rc), s	4.0	5.5		4.0	4.0	5.5		4.0
Max Green Setting (Gmax), s	6.0	107.5		7.0	5.0	113.5		17.0
Max Q Clear Time (g_c+I1), s	7.1	22.2		7.0	6.8	115.5		11.9
Green Ext Time (p_c), s	0.0	14.1		0.0	0.0	0.0		0.4

Intersection Summary	
HCM 2010 Ctrl Delay	44.3
HCM 2010 LOS	D

Notes

User approved pedestrian interval to be less than phase max green.
User approved volume balancing among the lanes for turning movement.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	20	20	60	20	20	0	568	50	20	1103	0
Future Volume (veh/h)	0	20	20	60	20	20	0	568	50	20	1103	0
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1900	1900	1900	1508	1508	1900	1624	1624	1900	1696	1696	1696
Adj Flow Rate, veh/h	0	21	0	64	21	2	0	604	49	21	1173	0
Adj No. of Lanes	1	1	0	2	1	0	1	2	0	1	2	1
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	0	0	0	26	26	26	17	17	17	12	12	12
Cap, veh/h	2	34	0	100	128	12	2	2163	175	29	2600	1163
Arrive On Green	0.00	0.02	0.00	0.04	0.09	0.09	0.00	0.75	0.75	0.02	0.81	0.00
Sat Flow, veh/h	1810	1900	0	2786	1356	129	1547	2891	234	1616	3223	1442
Grp Volume(v), veh/h	0	21	0	64	0	23	0	322	331	21	1173	0
Grp Sat Flow(s),veh/h/ln	1810	1900	0	1393	0	1485	1547	1543	1583	1616	1612	1442
Q Serve(g_s), s	0.0	1.1	0.0	2.2	0.0	1.4	0.0	6.5	6.5	1.3	10.8	0.0
Cycle Q Clear(g_c), s	0.0	1.1	0.0	2.2	0.0	1.4	0.0	6.5	6.5	1.3	10.8	0.0
Prop In Lane	1.00		0.00	1.00		0.09	1.00		0.15	1.00		1.00
Lane Grp Cap(c), veh/h	2	34	0	100	0	140	2	1154	1184	29	2600	1163
V/C Ratio(X)	0.00	0.62	0.00	0.64	0.00	0.16	0.00	0.28	0.28	0.73	0.45	0.00
Avail Cap(c_a), veh/h	153	562	0	236	0	167	126	1154	1184	132	2600	1163
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	0.00	0.98	0.00	0.98	0.00	0.95	0.95	1.00	1.00	0.00
Uniform Delay (d), s/veh	0.0	47.8	0.0	46.6	0.0	40.8	0.0	3.9	3.9	47.9	2.9	0.0
Incr Delay (d2), s/veh	0.0	23.7	0.0	2.5	0.0	0.8	0.0	0.6	0.6	12.4	0.6	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.8	0.0	0.9	0.0	0.6	0.0	2.9	2.9	0.7	4.9	0.0
LnGrp Delay(d),s/veh	0.0	71.5	0.0	49.2	0.0	41.6	0.0	4.5	4.5	60.3	3.4	0.0
LnGrp LOS		E		D		D		A	A	E	A	
Approach Vol, veh/h		21			87			653			1194	
Approach Delay, s/veh		71.5			47.2			4.5			4.4	
Approach LOS		E			D			A			A	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	5.7	79.0	7.5	5.7	0.0	84.8	0.0	13.2
Change Period (Y+Rc), s	4.0	5.7	4.0	4.0	4.0	5.7	4.0	4.0
Max Green Setting (Gmax), s	8.6	35.0	8.3	29.0	8.0	35.0	8.3	11.0
Max Q Clear Time (g_c+I1), s	3.3	8.5	4.2	3.1	0.0	12.8	0.0	3.4
Green Ext Time (p_c), s	0.0	5.4	0.0	0.1	0.0	11.0	0.0	0.0

Intersection Summary	
HCM 2010 Ctrl Delay	7.1
HCM 2010 LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	30	30	40	270	50	30	40	480	100	50	1443	40
Future Volume (veh/h)	30	30	40	270	50	30	40	480	100	50	1443	40
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		0.98	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1462	1462	1900	1827	1827	1900	1776	1776	1900	1845	1845	1900
Adj Flow Rate, veh/h	31	31	42	281	52	31	42	500	87	52	1503	40
Adj No. of Lanes	1	1	0	1	1	0	1	2	0	1	2	0
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	30	30	30	4	4	4	7	7	7	3	3	3
Cap, veh/h	352	164	223	415	312	186	51	1449	251	66	1782	47
Arrive On Green	0.29	0.29	0.29	0.29	0.29	0.29	0.03	0.50	0.50	0.04	0.51	0.51
Sat Flow, veh/h	1024	562	761	1292	1066	636	1691	2876	498	1757	3488	93
Grp Volume(v), veh/h	31	0	73	281	0	83	42	292	295	52	754	789
Grp Sat Flow(s),veh/h/ln	1024	0	1323	1292	0	1702	1691	1687	1687	1757	1752	1828
Q Serve(g_s), s	1.9	0.0	3.3	16.7	0.0	2.9	2.0	8.3	8.4	2.3	29.5	29.7
Cycle Q Clear(g_c), s	4.8	0.0	3.3	20.0	0.0	2.9	2.0	8.3	8.4	2.3	29.5	29.7
Prop In Lane	1.00		0.58	1.00		0.37	1.00		0.30	1.00		0.05
Lane Grp Cap(c), veh/h	352	0	387	415	0	498	51	850	850	66	895	934
V/C Ratio(X)	0.09	0.00	0.19	0.68	0.00	0.17	0.82	0.34	0.35	0.79	0.84	0.84
Avail Cap(c_a), veh/h	497	0	574	597	0	738	169	850	850	176	895	934
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.98	0.00	0.98	1.00	0.00	1.00	0.94	0.94	0.94	1.00	1.00	1.00
Uniform Delay (d), s/veh	22.8	0.0	21.2	28.7	0.0	21.0	38.6	11.9	11.9	38.2	16.8	16.8
Incr Delay (d2), s/veh	0.1	0.0	0.2	1.8	0.0	0.1	10.5	1.0	1.0	7.8	9.5	9.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.5	0.0	1.2	6.1	0.0	1.4	1.1	4.1	4.1	1.3	16.6	17.3
LnGrp Delay(d),s/veh	22.9	0.0	21.4	30.4	0.0	21.2	49.1	12.9	13.0	46.0	26.3	26.1
LnGrp LOS	C		C	C		C	D	B	B	D	C	C
Approach Vol, veh/h		104			364			629			1595	
Approach Delay, s/veh		21.8			28.3			15.4			26.8	
Approach LOS		C			C			B			C	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	7.0	45.6		27.4	6.4	46.2		27.4
Change Period (Y+Rc), s	4.0	5.3		4.0	4.0	5.3		4.0
Max Green Setting (Gmax), s	3.0	24.0		34.7	8.0	24.0		34.7
Max Q Clear Time (g_c+I1), s	4.3	10.4		6.8	4.0	31.7		22.0
Green Ext Time (p_c), s	0.0	4.3		0.5	0.0	0.0		1.1

Intersection Summary	
HCM 2010 Ctrl Delay	24.2
HCM 2010 LOS	C

Notes

User approved pedestrian interval to be less than phase max green.

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	230	95	525	110	244	1509
Future Volume (veh/h)	230	95	525	110	244	1509
Number	3	18	2	12	1	6
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1881	1881	1792	1900	1845	1845
Adj Flow Rate, veh/h	237	98	541	93	252	1556
Adj No. of Lanes	2	1	2	0	1	2
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %	1	1	6	6	3	3
Cap, veh/h	337	155	1707	292	264	2758
Arrive On Green	0.10	0.10	0.78	0.78	0.15	0.79
Sat Flow, veh/h	3476	1599	2999	498	1757	3597
Grp Volume(v), veh/h	237	98	316	318	252	1556
Grp Sat Flow(s),veh/h/ln	1738	1599	1703	1705	1757	1752
Q Serve(g_s), s	5.3	4.7	4.3	4.4	11.4	13.6
Cycle Q Clear(g_c), s	5.3	4.7	4.3	4.4	11.4	13.6
Prop In Lane	1.00	1.00		0.29	1.00	
Lane Grp Cap(c), veh/h	337	155	999	1000	264	2758
V/C Ratio(X)	0.70	0.63	0.32	0.32	0.96	0.56
Avail Cap(c_a), veh/h	726	334	999	1000	264	2758
HCM Platoon Ratio	1.00	1.00	1.33	1.33	1.00	1.00
Upstream Filter(I)	1.00	1.00	0.96	0.96	0.41	0.41
Uniform Delay (d), s/veh	35.0	34.8	4.1	4.1	33.7	3.3
Incr Delay (d2), s/veh	1.0	1.6	0.8	0.8	24.8	0.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.6	2.1	2.2	2.2	7.3	6.4
LnGrp Delay(d),s/veh	36.0	36.3	4.9	4.9	58.5	3.6
LnGrp LOS	D	D	A	A	E	A
Approach Vol, veh/h	335		634			1808
Approach Delay, s/veh	36.1		4.9			11.3
Approach LOS	D		A			B

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2				6		8
Phs Duration (G+Y+Rc), s	16.0	52.2				68.2		11.8
Change Period (Y+Rc), s	4.0	5.3				5.3		4.0
Max Green Setting (Gmax), s	12.0	38.0				54.0		16.7
Max Q Clear Time (g_c+I1), s	13.4	6.4				15.6		7.3
Green Ext Time (p_c), s	0.0	6.3				23.2		0.5

Intersection Summary	
HCM 2010 Ctrl Delay	12.8
HCM 2010 LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	130	0	104	0	532	90	84	1655	0
Future Volume (veh/h)	0	0	0	130	0	104	0	532	90	84	1655	0
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	0.99		0.99	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1900	1863	1900	1900	1845	1845	1776	1776	1900	1845	1845	1900
Adj Flow Rate, veh/h	0	0	0	134	0	10	0	548	79	87	1706	0
Adj No. of Lanes	0	1	0	0	1	1	1	2	0	1	2	0
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %	2	2	2	3	3	3	7	7	7	3	3	3
Cap, veh/h	0	2	0	170	0	151	2	1996	287	110	2757	0
Arrive On Green	0.00	0.00	0.00	0.10	0.00	0.10	0.00	0.67	0.67	0.13	1.00	0.00
Sat Flow, veh/h	0	1863	0	1746	0	1558	1691	2962	426	1757	3597	0
Grp Volume(v), veh/h	0	0	0	134	0	10	0	311	316	87	1706	0
Grp Sat Flow(s),veh/h/ln	0	1863	0	1746	0	1558	1691	1687	1700	1757	1752	0
Q Serve(g_s), s	0.0	0.0	0.0	6.0	0.0	0.5	0.0	5.9	5.9	3.8	0.0	0.0
Cycle Q Clear(g_c), s	0.0	0.0	0.0	6.0	0.0	0.5	0.0	5.9	5.9	3.8	0.0	0.0
Prop In Lane	0.00		0.00	1.00		1.00	1.00		0.25	1.00		0.00
Lane Grp Cap(c), veh/h	0	2	0	170	0	151	2	1137	1146	110	2757	0
V/C Ratio(X)	0.00	0.00	0.00	0.79	0.00	0.07	0.00	0.27	0.28	0.79	0.62	0.00
Avail Cap(c_a), veh/h	0	203	0	218	0	195	169	1137	1146	176	2757	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	2.00	2.00
Upstream Filter(I)	0.00	0.00	0.00	1.00	0.00	1.00	0.00	0.95	0.95	0.79	0.79	0.00
Uniform Delay (d), s/veh	0.0	0.0	0.0	35.3	0.0	32.8	0.0	5.2	5.2	34.5	0.0	0.0
Incr Delay (d2), s/veh	0.0	0.0	0.0	12.4	0.0	0.1	0.0	0.6	0.6	3.7	0.8	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.0	3.5	0.0	0.2	0.0	2.9	2.9	2.0	0.3	0.0
LnGrp Delay(d),s/veh	0.0	0.0	0.0	47.7	0.0	32.9	0.0	5.8	5.8	38.2	0.8	0.0
LnGrp LOS				D		C		A	A	D	A	
Approach Vol, veh/h		0			144			627			1793	
Approach Delay, s/veh		0.0			46.7			5.8			2.6	
Approach LOS					D			A			A	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	9.0	59.2		0.0	0.0	68.2		11.8
Change Period (Y+Rc), s	4.0	5.3		4.0	4.0	5.3		4.0
Max Green Setting (Gmax), s	8.0	36.0		8.7	8.0	36.0		10.0
Max Q Clear Time (g_c+I1), s	5.8	7.9		0.0	0.0	2.0		8.0
Green Ext Time (p_c), s	0.0	6.0		0.0	0.0	23.8		0.1

Intersection Summary	
HCM 2010 Ctrl Delay	5.9
HCM 2010 LOS	A

Notes

User approved pedestrian interval to be less than phase max green.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	70	30	50	90	30	73	50	479	70	183	1452	150
Future Volume (veh/h)	70	30	50	90	30	73	50	479	70	183	1452	150
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1827	1827	1827	1900	1681	1900	1759	1759	1900	1863	1863	1900
Adj Flow Rate, veh/h	71	31	0	92	31	6	51	489	61	187	1482	147
Adj No. of Lanes	1	1	1	0	2	0	1	2	0	1	2	0
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	4	4	4	13	13	13	8	8	8	2	2	2
Cap, veh/h	107	112	95	124	106	20	64	1704	212	168	2019	199
Arrive On Green	0.06	0.06	0.00	0.08	0.08	0.08	0.04	0.57	0.57	0.09	0.62	0.62
Sat Flow, veh/h	1740	1827	1553	1601	1369	265	1675	2993	372	1774	3255	320
Grp Volume(v), veh/h	71	31	0	92	0	37	51	272	278	187	801	828
Grp Sat Flow(s),veh/h/ln	1740	1827	1553	1601	0	1633	1675	1671	1694	1774	1770	1806
Q Serve(g_s), s	3.6	1.5	0.0	5.1	0.0	1.9	2.7	7.5	7.6	8.5	28.2	29.0
Cycle Q Clear(g_c), s	3.6	1.5	0.0	5.1	0.0	1.9	2.7	7.5	7.6	8.5	28.2	29.0
Prop In Lane	1.00		1.00	1.00		0.16	1.00		0.22	1.00		0.18
Lane Grp Cap(c), veh/h	107	112	95	124	0	126	64	951	964	168	1097	1120
V/C Ratio(X)	0.66	0.28	0.00	0.74	0.00	0.29	0.80	0.29	0.29	1.12	0.73	0.74
Avail Cap(c_a), veh/h	323	339	288	267	0	272	140	951	964	168	1097	1120
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	0.00	1.00	0.00	1.00	0.99	0.99	0.99	0.70	0.70	0.70
Uniform Delay (d), s/veh	41.3	40.3	0.0	40.7	0.0	39.2	43.0	10.0	10.0	40.7	11.9	12.0
Incr Delay (d2), s/veh	5.2	1.0	0.0	3.3	0.0	0.5	23.5	0.8	0.7	92.9	3.0	3.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.9	0.8	0.0	2.4	0.0	0.9	1.7	3.7	3.8	8.5	14.5	15.2
LnGrp Delay(d),s/veh	46.5	41.3	0.0	44.0	0.0	39.7	66.5	10.7	10.7	133.7	14.9	15.1
LnGrp LOS	D	D		D		D	E	B	B	F	B	B
Approach Vol, veh/h		102			129			601			1816	
Approach Delay, s/veh		44.9			42.7			15.5			27.2	
Approach LOS		D			D			B			C	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	12.5	56.5		9.5	7.9	61.1		11.4
Change Period (Y+Rc), s	4.0	5.3		4.0	4.5	5.3		4.5
Max Green Setting (Gmax), s	8.5	32.0		16.7	7.5	22.5		15.0
Max Q Clear Time (g_c+I1), s	10.5	9.6		5.6	4.7	31.0		7.1
Green Ext Time (p_c), s	0.0	4.8		0.1	0.0	0.0		0.2

Intersection Summary	
HCM 2010 Ctrl Delay	26.0
HCM 2010 LOS	C

Notes

User approved pedestrian interval to be less than phase max green.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	90	150	269	110	330	0	0	1172	420
Future Volume (veh/h)	0	0	0	90	150	269	110	330	0	0	1172	420
Number				7	4	14	5	2	12	1	6	16
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln				1900	1765	1900	1863	1759	0	0	1828	1863
Adj Flow Rate, veh/h				97	161	49	118	355	0	0	1260	452
Adj No. of Lanes				0	2	0	1	2	0	0	2	1
Peak Hour Factor				0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Percent Heavy Veh, %				0	2	0	2	8	0	0	4	2
Cap, veh/h				168	292	92	150	2321	0	0	1894	820
Arrive On Green				0.16	0.16	0.16	0.08	0.69	0.00	0.00	0.52	0.52
Sat Flow, veh/h				1027	1790	563	1774	3431	0	0	3656	1583
Grp Volume(v), veh/h				162	0	145	118	355	0	0	1260	452
Grp Sat Flow(s),veh/h/ln				1714	0	1666	1774	1671	0	0	1828	1583
Q Serve(g_s), s				4.3	0.0	3.9	3.2	1.8	0.0	0.0	12.5	9.5
Cycle Q Clear(g_c), s				4.3	0.0	3.9	3.2	1.8	0.0	0.0	12.5	9.5
Prop In Lane				0.60		0.34	1.00		0.00	0.00		1.00
Lane Grp Cap(c), veh/h				280	0	272	150	2321	0	0	1894	820
V/C Ratio(X)				0.58	0.00	0.53	0.78	0.15	0.00	0.00	0.67	0.55
Avail Cap(c_a), veh/h				906	0	881	180	2516	0	0	2045	886
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	1.00
Uniform Delay (d), s/veh				19.0	0.0	18.8	22.1	2.6	0.0	0.0	8.7	8.0
Incr Delay (d2), s/veh				2.3	0.0	2.0	17.0	0.0	0.0	0.0	1.1	1.3
Initial Q Delay(d3),s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				2.2	0.0	2.0	2.3	0.8	0.0	0.0	6.4	4.3
LnGrp Delay(d),s/veh				21.3	0.0	20.8	39.0	2.6	0.0	0.0	9.8	9.3
LnGrp LOS				C		C	D	A			A	A
Approach Vol, veh/h					307			473			1712	
Approach Delay, s/veh					21.0			11.7			9.7	
Approach LOS					C			B			A	

Timer	1	2	3	4	5	6	7	8
Assigned Phs		2		4	5	6		
Phs Duration (G+Y+Rc), s		38.1		11.0	8.7	29.5		
Change Period (Y+Rc), s		4.0		3.0	4.5	4.0		
Max Green Setting (Gmax), s		37.0		26.0	5.0	27.5		
Max Q Clear Time (g_c+I1), s		3.8		6.3	5.2	14.5		
Green Ext Time (p_c), s		3.4		1.9	0.0	11.0		

Intersection Summary	
HCM 2010 Ctrl Delay	11.5
HCM 2010 LOS	B

Notes

User approved pedestrian interval to be less than phase max green.
User approved volume balancing among the lanes for turning movement.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	190	190	110	0	0	0	0	250	220	802	460	0
Future Volume (veh/h)	190	190	110	0	0	0	0	250	220	802	460	0
Number	7	4	14				5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1792	1792	1792				0	1624	1624	1810	1810	0
Adj Flow Rate, veh/h	204	204	18				0	269	117	862	495	0
Adj No. of Lanes	1	1	1				0	2	1	1	2	0
Peak Hour Factor	0.93	0.93	0.93				0.93	0.93	0.93	0.93	0.93	0.93
Percent Heavy Veh, %	6	6	6				0	17	17	5	5	0
Cap, veh/h	296	310	264				0	545	232	779	2390	0
Arrive On Green	0.17	0.17	0.17				0.00	0.17	0.17	0.45	0.70	0.00
Sat Flow, veh/h	1707	1792	1524				0	3248	1380	1723	3529	0
Grp Volume(v), veh/h	204	204	18				0	269	117	862	495	0
Grp Sat Flow(s),veh/h/ln	1707	1792	1524				0	1624	1380	1723	1719	0
Q Serve(g_s), s	6.0	5.6	0.5				0.0	4.0	4.1	24.0	2.7	0.0
Cycle Q Clear(g_c), s	6.0	5.6	0.5				0.0	4.0	4.1	24.0	2.7	0.0
Prop In Lane	1.00		1.00				0.00		1.00	1.00		0.00
Lane Grp Cap(c), veh/h	296	310	264				0	545	232	779	2390	0
V/C Ratio(X)	0.69	0.66	0.07				0.00	0.49	0.51	1.11	0.21	0.00
Avail Cap(c_a), veh/h	579	607	516				0	1101	468	779	2913	0
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00				0.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	20.6	20.5	18.4				0.0	20.1	20.1	14.6	2.9	0.0
Incr Delay (d2), s/veh	2.9	2.4	0.1				0.0	1.5	3.6	65.6	0.1	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	3.0	3.0	0.2				0.0	1.9	1.8	25.4	1.3	0.0
LnGrp Delay(d),s/veh	23.5	22.9	18.5				0.0	21.5	23.7	80.2	2.9	0.0
LnGrp LOS	C	C	B					C	C	F	A	
Approach Vol, veh/h		426						386			1357	
Approach Delay, s/veh		23.0						22.2			52.0	
Approach LOS		C						C			D	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4		6		
Phs Duration (G+Y+Rc), s	18.0	12.9		12.2		40.9		
Change Period (Y+Rc), s	4.0	* 4		3.0		4.0		
Max Green Setting (Gmax), s	14.0	* 18		18.0		45.0		
Max Q Clear Time (g_c+I1), s	26.0	6.1		8.0		4.7		
Green Ext Time (p_c), s	0.0	2.8		1.3		5.2		

Intersection Summary	
HCM 2010 Ctrl Delay	41.0
HCM 2010 LOS	D

Notes

User approved volume balancing among the lanes for turning movement.

* HCM 2010 computational engine requires equal clearance times for the phases crossing the barrier.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	20	20	20	130	60	131	50	307	40	240	743	80
Future Volume (veh/h)	20	20	20	130	60	131	50	307	40	240	743	80
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	120	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1776	1776	1776	1624	1624	1624	1776	1776	1776	1667	1667	1667
Adj Flow Rate, veh/h	21	21	0	100	115	63	53	323	0	253	782	36
Adj No. of Lanes	1	1	1	1	1	2	1	2	1	1	2	1
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	7	7	7	17	17	17	7	7	7	14	14	14
Cap, veh/h	93	97	83	158	166	1579	67	521	233	745	1893	847
Arrive On Green	0.09	0.09	0.00	0.12	0.12	0.12	0.04	0.24	0.00	0.21	0.42	0.42
Sat Flow, veh/h	1691	1776	1509	1547	1624	2761	1691	3374	1509	1587	3167	1417
Grp Volume(v), veh/h	21	21	0	100	115	63	53	323	0	253	782	36
Grp Sat Flow(s),veh/h/ln	1691	1776	1509	1547	1624	1380	1691	1687	1509	1587	1583	1417
Q Serve(g_s), s	0.5	0.5	0.0	2.8	3.1	0.7	1.4	3.7	0.0	6.9	8.7	0.7
Cycle Q Clear(g_c), s	0.5	0.5	0.0	2.8	3.1	0.7	1.4	3.7	0.0	6.9	8.7	0.7
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	93	97	83	158	166	1579	67	521	233	745	1893	847
V/C Ratio(X)	0.23	0.22	0.00	0.63	0.69	0.04	0.79	0.62	0.00	0.34	0.41	0.04
Avail Cap(c_a), veh/h	1050	1102	937	741	778	1892	442	2241	1003	1486	4310	1928
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	34.8	34.8	0.0	33.1	33.3	6.9	36.5	30.8	0.0	19.4	7.9	6.1
Incr Delay (d2), s/veh	0.5	0.4	0.0	1.5	1.9	0.0	7.5	1.2	0.0	0.3	0.2	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	282.7	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.4	0.4	0.0	2.1	2.4	0.3	1.2	3.3	0.0	74.6	4.3	0.3
LnGrp Delay(d),s/veh	35.3	35.2	0.0	34.6	35.2	6.9	44.0	32.0	0.0	302.4	8.1	6.1
LnGrp LOS	D	D		C	D	A	D	C		F	A	A
Approach Vol, veh/h		42			278			376			1071	
Approach Delay, s/veh		35.3			28.6			33.7			77.5	
Approach LOS		D			C			C			E	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	13.5	15.5		7.5	5.0	24.0		9.5
Change Period (Y+Rc), s	4.0	4.5		3.5	3.0	4.5		4.0
Max Green Setting (Gmax), s	43.6	30.5		28.5	12.0	62.5		22.0
Max Q Clear Time (g_c+I1), s	9.3	5.7		2.5	3.4	10.7		5.1
Green Ext Time (p_c), s	1.0	1.8		0.1	0.0	8.8		0.6

Intersection Summary	
HCM 2010 Ctrl Delay	59.5
HCM 2010 LOS	E

Notes

User approved pedestrian interval to be less than phase max green.
User approved volume balancing among the lanes for turning movement.

Intersection	
Intersection Delay, s/veh	9.5
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	20	20	20	120	20	20	20	149	60	27	115	20
Future Vol, veh/h	20	20	20	120	20	20	20	149	60	27	115	20
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	21	21	21	128	21	21	21	159	64	29	122	21
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	8.6	9.7	9.7	9.3
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	9%	33%	75%	17%
Vol Thru, %	65%	33%	12%	71%
Vol Right, %	26%	33%	12%	12%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	229	60	160	162
LT Vol	20	20	120	27
Through Vol	149	20	20	115
RT Vol	60	20	20	20
Lane Flow Rate	244	64	170	172
Geometry Grp	1	1	1	1
Degree of Util (X)	0.311	0.089	0.239	0.229
Departure Headway (Hd)	4.598	5.006	5.057	4.776
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	777	710	706	748
Service Time	2.65	3.08	3.12	2.831
HCM Lane V/C Ratio	0.314	0.09	0.241	0.23
HCM Control Delay	9.7	8.6	9.7	9.3
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	1.3	0.3	0.9	0.9

Intersection	
Int Delay, s/veh	3.7

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	↱
Traffic Vol, veh/h	65	15	65	0	1	0	50	168	1	0	180	91
Future Vol, veh/h	65	15	65	0	1	0	50	168	1	0	180	91
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	145
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	94	94	94	94	94	94	94	94	94	94	94	94
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	69	16	69	0	1	0	53	179	1	0	191	97

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	477	477	191	568	574	180	288	0	0	180	0	0
Stage 1	191	191	-	286	286	-	-	-	-	-	-	-
Stage 2	286	286	-	282	288	-	-	-	-	-	-	-
Critical Hdwy	7.12	6.52	6.22	7.12	6.52	6.22	4.12	-	-	4.12	-	-
Critical Hdwy Stg 1	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	3.518	4.018	3.318	3.518	4.018	3.318	2.218	-	-	2.218	-	-
Pot Cap-1 Maneuver	498	487	851	434	429	863	1274	-	-	1396	-	-
Stage 1	811	742	-	721	675	-	-	-	-	-	-	-
Stage 2	721	675	-	725	674	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	480	465	851	375	409	863	1274	-	-	1396	-	-
Mov Cap-2 Maneuver	480	465	-	375	409	-	-	-	-	-	-	-
Stage 1	774	742	-	688	644	-	-	-	-	-	-	-
Stage 2	687	644	-	652	674	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	13.2	13.8	1.8	0
HCM LOS	B	B		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1274	-	-	594	409	1396	-	-
HCM Lane V/C Ratio	0.042	-	-	0.26	0.003	-	-	-
HCM Control Delay (s)	7.9	0	-	13.2	13.8	0	-	-
HCM Lane LOS	A	A	-	B	B	A	-	-
HCM 95th %tile Q(veh)	0.1	-	-	1	0	0	-	-

Intersection	
Intersection Delay, s/veh	12.1
Intersection LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	50	80	30	110	30	73	20	116	60	75	200	30
Future Vol, veh/h	50	80	30	110	30	73	20	116	60	75	200	30
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Heavy Vehicles, %	0	0	0	1	1	1	7	7	7	3	3	3
Mvmt Flow	53	85	32	117	32	78	21	123	64	80	213	32
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	10.9	11.7	11.2	13.6
HCM LOS	B	B	B	B

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	10%	31%	52%	25%
Vol Thru, %	59%	50%	14%	66%
Vol Right, %	31%	19%	34%	10%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	196	160	213	305
LT Vol	20	50	110	75
Through Vol	116	80	30	200
RT Vol	60	30	73	30
Lane Flow Rate	209	170	227	324
Geometry Grp	1	1	1	1
Degree of Util (X)	0.321	0.271	0.352	0.489
Departure Headway (Hd)	5.536	5.735	5.595	5.428
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	646	623	639	662
Service Time	3.595	3.799	3.655	3.481
HCM Lane V/C Ratio	0.324	0.273	0.355	0.489
HCM Control Delay	11.2	10.9	11.7	13.6
HCM Lane LOS	B	B	B	B
HCM 95th-tile Q	1.4	1.1	1.6	2.7

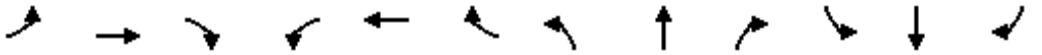
Intersection	
Int Delay, s/veh	3.9

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	81	180	232	20	50	101
Future Vol, veh/h	81	180	232	20	50	101
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	178	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	86	191	247	21	53	107

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	268	0	-	0	621	258
Stage 1	-	-	-	-	258	-
Stage 2	-	-	-	-	363	-
Critical Hdwy	4.12	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	2.218	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	1296	-	-	-	451	781
Stage 1	-	-	-	-	785	-
Stage 2	-	-	-	-	704	-
Platoon blocked, %			-	-	-	
Mov Cap-1 Maneuver	1296	-	-	-	421	781
Mov Cap-2 Maneuver	-	-	-	-	421	-
Stage 1	-	-	-	-	733	-
Stage 2	-	-	-	-	704	-

Approach	EB	WB	SB
HCM Control Delay, s	2.5	0	13
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1296	-	-	-	609
HCM Lane V/C Ratio	0.066	-	-	-	0.264
HCM Control Delay (s)	8	-	-	-	13
HCM Lane LOS	A	-	-	-	B
HCM 95th %tile Q(veh)	0.2	-	-	-	1.1



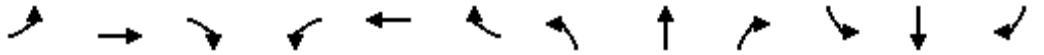
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	70	40	270	100	70	40	142	990	40	20	1290	93
Future Volume (veh/h)	70	40	270	100	70	40	142	990	40	20	1290	93
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1900	1863	1863	1900	1863	1900	1863	1863	1863	1863	1863	1900
Adj Flow Rate, veh/h	74	43	0	106	74	32	151	1053	0	21	1372	94
Adj No. of Lanes	0	1	1	0	1	0	1	2	1	1	2	0
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	203	101	248	191	100	39	188	2268	1015	24	1845	126
Arrive On Green	0.16	0.16	0.00	0.16	0.16	0.16	0.11	0.64	0.00	0.01	0.55	0.55
Sat Flow, veh/h	791	645	1583	753	638	247	1774	3539	1583	1774	3362	230
Grp Volume(v), veh/h	117	0	0	212	0	0	151	1053	0	21	720	746
Grp Sat Flow(s),veh/h/ln	1436	0	1583	1638	0	0	1774	1770	1583	1774	1770	1822
Q Serve(g_s), s	0.0	0.0	0.0	3.7	0.0	0.0	6.2	11.3	0.0	0.9	23.0	23.2
Cycle Q Clear(g_c), s	5.4	0.0	0.0	9.1	0.0	0.0	6.2	11.3	0.0	0.9	23.0	23.2
Prop In Lane	0.63		1.00	0.50		0.15	1.00		1.00	1.00		0.13
Lane Grp Cap(c), veh/h	305	0	248	330	0	0	188	2268	1015	24	971	1000
V/C Ratio(X)	0.38	0.00	0.00	0.64	0.00	0.00	0.80	0.46	0.00	0.87	0.74	0.75
Avail Cap(c_a), veh/h	584	0	554	647	0	0	263	2621	1173	119	1167	1202
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	28.5	0.0	0.0	30.1	0.0	0.0	32.4	6.8	0.0	36.6	12.8	12.8
Incr Delay (d2), s/veh	0.3	0.0	0.0	0.8	0.0	0.0	7.8	0.2	0.0	27.1	2.5	2.5
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.2	0.0	0.0	4.3	0.0	0.0	3.4	5.5	0.0	0.6	11.7	12.3
LnGrp Delay(d),s/veh	28.8	0.0	0.0	30.9	0.0	0.0	40.3	7.0	0.0	63.6	15.2	15.3
LnGrp LOS	C			C			D	A		E	B	B
Approach Vol, veh/h		117			212			1204			1487	
Approach Delay, s/veh		28.8			30.9			11.2			15.9	
Approach LOS		C			C			B			B	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	5.0	52.6		16.7	11.9	45.7		16.7
Change Period (Y+Rc), s	4.0	5.0		5.0	4.0	5.0		* 5
Max Green Setting (Gmax), s	5.0	55.0		26.0	11.0	49.0		* 27
Max Q Clear Time (g_c+I1), s	2.9	13.3		7.4	8.2	25.2		11.1
Green Ext Time (p_c), s	0.0	14.3		0.4	0.1	15.5		0.7

Intersection Summary	
HCM 2010 Ctrl Delay	15.6
HCM 2010 LOS	B

Notes

* HCM 2010 computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	240	1764	150	270	464	370	250	150	900	150	310	808
Future Volume (veh/h)	240	1764	150	270	464	370	250	150	900	150	310	808
Number	5	2	12	1	6	16	3	8	18	7	4	14
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1863	1863	1863	1863	1863	1863	1863	1845	1845	1845
Adj Flow Rate, veh/h	247	1819	99	278	478	0	258	155	505	155	320	261
Adj No. of Lanes	1	3	1	2	1	1	1	1	2	1	1	2
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	3	3	3
Cap, veh/h	269	2324	721	324	744	632	253	426	634	178	345	515
Arrive On Green	0.15	0.46	0.46	0.09	0.40	0.00	0.14	0.23	0.23	0.10	0.19	0.19
Sat Flow, veh/h	1774	5085	1578	3442	1863	1583	1774	1863	2776	1757	1845	2760
Grp Volume(v), veh/h	247	1819	99	278	478	0	258	155	505	155	320	261
Grp Sat Flow(s),veh/h/ln	1774	1695	1578	1721	1863	1583	1774	1863	1388	1757	1845	1380
Q Serve(g_s), s	19.2	42.3	5.1	11.1	29.0	0.0	20.0	9.8	24.0	12.2	23.9	11.9
Cycle Q Clear(g_c), s	19.2	42.3	5.1	11.1	29.0	0.0	20.0	9.8	24.0	12.2	23.9	11.9
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	269	2324	721	324	744	632	253	426	634	178	345	515
V/C Ratio(X)	0.92	0.78	0.14	0.86	0.64	0.00	1.02	0.36	0.80	0.87	0.93	0.51
Avail Cap(c_a), veh/h	329	2324	721	442	744	632	253	612	912	201	540	808
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	58.5	32.1	22.0	62.5	34.0	0.0	60.0	45.4	50.9	62.0	56.0	51.1
Incr Delay (d2), s/veh	24.3	2.7	0.4	9.3	4.2	0.0	61.2	0.2	1.9	27.3	12.3	0.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	11.2	20.3	2.3	5.7	15.7	0.0	14.1	5.1	9.4	7.2	13.4	4.5
LnGrp Delay(d),s/veh	82.8	34.8	22.4	71.8	38.2	0.0	121.4	45.6	52.9	89.4	68.3	51.4
LnGrp LOS	F	C	C	E	D		F	D	D	F	E	D
Approach Vol, veh/h		2165			756			918			736	
Approach Delay, s/veh		39.7			50.6			70.9			66.8	
Approach LOS		D			D			E			E	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	16.9	69.1	23.7	30.3	24.9	61.0	17.9	36.2
Change Period (Y+Rc), s	3.7	5.1	3.7	* 4.2	3.7	5.1	3.7	* 4.2
Max Green Setting (Gmax), s	18.0	43.3	20.0	* 41	26.0	35.3	16.0	* 46
Max Q Clear Time (g_c+I1), s	13.1	44.3	22.0	25.9	21.2	31.0	14.2	26.0
Green Ext Time (p_c), s	0.0	0.0	0.0	0.3	0.0	0.2	0.0	0.3

Intersection Summary	
HCM 2010 Ctrl Delay	52.1
HCM 2010 LOS	D

Notes

* HCM 2010 computational engine requires equal clearance times for the phases crossing the barrier.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	890	2332	50	133	1048	610	50	1240	92	200	432	264
Future Volume (veh/h)	890	2332	50	133	1048	610	50	1240	92	200	432	264
Number	5	2	12	1	6	16	3	8	18	7	4	14
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1900	1827	1827	1827	1881	1881	1881	1863	1863	1863
Adj Flow Rate, veh/h	927	2429	51	139	1092	0	52	1292	29	208	450	103
Adj No. of Lanes	2	3	0	2	3	1	1	2	1	1	2	1
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	2	2	2	4	4	4	1	1	1	2	2	2
Cap, veh/h	607	2979	62	139	2224	692	67	1156	517	157	1347	601
Arrive On Green	0.18	0.58	0.58	0.04	0.45	0.00	0.04	0.32	0.32	0.09	0.38	0.38
Sat Flow, veh/h	3442	5126	107	3375	4988	1553	1792	3574	1598	1774	3539	1581
Grp Volume(v), veh/h	927	1604	876	139	1092	0	52	1292	29	208	450	103
Grp Sat Flow(s),veh/h/ln	1721	1695	1843	1688	1663	1553	1792	1787	1598	1774	1770	1581
Q Serve(g_s), s	30.0	63.9	64.5	7.0	26.4	0.0	4.9	55.0	2.4	15.0	15.3	7.3
Cycle Q Clear(g_c), s	30.0	63.9	64.5	7.0	26.4	0.0	4.9	55.0	2.4	15.0	15.3	7.3
Prop In Lane	1.00		0.06	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	607	1970	1071	139	2224	692	67	1156	517	157	1347	601
V/C Ratio(X)	1.53	0.81	0.82	1.00	0.49	0.00	0.78	1.12	0.06	1.33	0.33	0.17
Avail Cap(c_a), veh/h	607	1970	1071	139	2224	692	116	1156	517	157	1347	601
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.09	0.09	0.09	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	70.0	28.3	28.4	81.5	33.4	0.0	81.2	57.5	49.1	77.5	37.4	34.9
Incr Delay (d2), s/veh	237.6	0.4	0.7	76.4	0.8	0.0	13.6	64.8	0.1	185.1	0.2	0.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	34.3	29.9	32.8	4.7	12.3	0.0	2.7	37.6	1.1	15.4	7.5	3.3
LnGrp Delay(d),s/veh	307.6	28.7	29.1	157.9	34.2	0.0	94.7	122.3	49.2	262.6	37.6	35.1
LnGrp LOS	F	C	C	F	C		F	F	D	F	D	D
Approach Vol, veh/h		3407			1231			1373			761	
Approach Delay, s/veh		104.7			48.2			119.8			98.8	
Approach LOS		F			D			F			F	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	14.0	107.0	12.3	71.7	37.0	84.0	22.0	62.0
Change Period (Y+Rc), s	7.0	7.2	6.0	7.0	7.0	7.2	7.0	* 7
Max Green Setting (Gmax), s	7.0	65.8	11.0	59.0	30.0	42.8	15.0	* 55
Max Q Clear Time (g_c+I1), s	9.0	66.5	6.9	17.3	32.0	28.4	17.0	57.0
Green Ext Time (p_c), s	0.0	0.0	0.0	5.9	0.0	8.7	0.0	0.0

Intersection Summary	
HCM 2010 Ctrl Delay	96.8
HCM 2010 LOS	F

Notes

User approved pedestrian interval to be less than phase max green.

* HCM 2010 computational engine requires equal clearance times for the phases crossing the barrier.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	82	2812	262	120	893	350	92	40	210	250	60	132
Future Volume (veh/h)	82	2812	262	120	893	350	92	40	210	250	60	132
Number	5	2	12	1	6	16	3	8	18	7	4	14
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		0.99	1.00		0.98
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1881	1881	1881	1792	1792	1792	1881	1881	1881	1792	1792	1792
Adj Flow Rate, veh/h	87	2991	161	128	950	145	98	43	47	266	64	4
Adj No. of Lanes	2	3	1	1	3	1	1	1	1	1	1	1
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	1	1	1	6	6	6	1	1	1	6	6	6
Cap, veh/h	138	2335	726	90	2266	705	335	171	144	261	102	85
Arrive On Green	0.04	0.45	0.45	0.05	0.46	0.46	0.19	0.09	0.09	0.15	0.06	0.06
Sat Flow, veh/h	3476	5136	1598	1707	4893	1523	1792	1881	1583	1707	1792	1491
Grp Volume(v), veh/h	87	2991	161	128	950	145	98	43	47	266	64	4
Grp Sat Flow(s),veh/h/ln	1738	1712	1598	1707	1631	1523	1792	1881	1583	1707	1792	1491
Q Serve(g_s), s	2.8	52.0	7.0	6.0	14.8	3.1	5.4	2.4	3.2	17.5	4.0	0.2
Cycle Q Clear(g_c), s	2.8	52.0	7.0	6.0	14.8	3.1	5.4	2.4	3.2	17.5	4.0	0.2
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	138	2335	726	90	2266	705	335	171	144	261	102	85
V/C Ratio(X)	0.63	1.28	0.22	1.43	0.42	0.21	0.29	0.25	0.33	1.02	0.63	0.05
Avail Cap(c_a), veh/h	246	2335	726	90	2266	705	335	757	637	261	768	639
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	54.1	31.2	18.9	54.2	20.5	4.2	40.0	48.4	48.7	48.4	52.8	34.6
Incr Delay (d2), s/veh	1.8	129.9	0.2	245.8	0.2	0.2	1.0	1.1	1.9	60.5	8.8	0.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.4	52.5	3.1	8.9	6.7	2.5	2.8	1.3	1.5	12.6	2.2	0.1
LnGrp Delay(d),s/veh	55.9	161.1	19.1	300.0	20.6	4.4	41.0	49.5	50.6	109.1	61.6	34.9
LnGrp LOS	E	F	B	F	C	A	D	D	D	F	E	C
Approach Vol, veh/h		3239			1223			188			334	
Approach Delay, s/veh		151.2			48.0			45.3			99.1	
Approach LOS		F			D			D			F	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	13.0	59.0	28.9	13.5	12.0	60.0	25.0	17.4
Change Period (Y+Rc), s	7.0	7.0	7.5	* 7	7.5	7.0	7.5	7.0
Max Green Setting (Gmax), s	6.0	52.0	15.0	* 49	8.1	49.4	17.5	46.0
Max Q Clear Time (g_c+I1), s	8.8	54.0	7.4	6.0	4.8	16.8	19.5	5.2
Green Ext Time (p_c), s	0.0	0.0	0.3	0.5	0.0	10.9	0.0	0.6

Intersection Summary	
HCM 2010 Ctrl Delay	118.4
HCM 2010 LOS	F

Notes

User approved pedestrian interval to be less than phase max green.

* HCM 2010 computational engine requires equal clearance times for the phases crossing the barrier.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	50	2977	1565	90	967	60	224	90	120	60	110	30
Future Volume (veh/h)	50	2977	1565	90	967	60	224	90	120	60	110	30
Number	5	2	12	1	6	16	3	8	18	7	4	14
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		0.98	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1863	1776	1776	1776	1827	1827	1827	1900	1900	1900
Adj Flow Rate, veh/h	54	3201	1346	97	1040	40	241	97	54	65	118	15
Adj No. of Lanes	2	3	1	1	3	1	2	1	1	1	2	0
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Percent Heavy Veh, %	2	2	2	7	7	7	4	4	4	0	0	0
Cap, veh/h	91	3260	1015	78	3204	998	419	220	184	84	150	19
Arrive On Green	0.03	0.64	0.64	0.05	0.66	0.66	0.12	0.12	0.12	0.05	0.05	0.05
Sat Flow, veh/h	3442	5085	1583	1691	4848	1509	3480	1827	1526	1810	3230	404
Grp Volume(v), veh/h	54	3201	1346	97	1040	40	241	97	54	65	65	68
Grp Sat Flow(s),veh/h/ln	1721	1695	1583	1691	1616	1509	1740	1827	1526	1810	1805	1829
Q Serve(g_s), s	2.0	79.0	83.1	6.0	12.0	1.2	8.5	6.4	4.2	4.6	4.6	4.8
Cycle Q Clear(g_c), s	2.0	79.0	83.1	6.0	12.0	1.2	8.5	6.4	4.2	4.6	4.6	4.8
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		0.22
Lane Grp Cap(c), veh/h	91	3260	1015	78	3204	998	419	220	184	84	84	85
V/C Ratio(X)	0.59	0.98	1.33	1.24	0.32	0.04	0.57	0.44	0.29	0.78	0.78	0.80
Avail Cap(c_a), veh/h	133	3260	1015	78	3204	998	967	507	424	84	84	85
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	62.4	22.5	23.3	61.8	9.5	7.7	53.9	52.9	52.0	61.1	61.2	61.2
Incr Delay (d2), s/veh	2.3	11.9	153.6	179.1	0.1	0.0	1.8	2.0	1.2	33.0	33.7	38.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.0	40.3	79.4	6.7	5.3	0.5	4.2	3.4	1.8	3.1	3.1	3.3
LnGrp Delay(d),s/veh	64.6	34.4	176.8	240.9	9.6	7.7	55.6	54.9	53.2	94.1	94.9	99.5
LnGrp LOS	E	C	F	F	A	A	E	D	D	F	F	F
Approach Vol, veh/h		4601			1177			392			198	
Approach Delay, s/veh		76.4			28.6			55.1			96.2	
Approach LOS		E			C			E			F	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	10.0	88.8		10.6	7.4	91.4		20.2
Change Period (Y+Rc), s	4.0	5.7		4.6	4.0	5.7		4.6
Max Green Setting (Gmax), s	6.0	83.1		6.0	5.0	84.1		36.0
Max Q Clear Time (g_c+I1), s	8.0	85.1		6.8	4.0	14.0		10.5
Green Ext Time (p_c), s	0.0	0.0		0.0	0.0	13.1		2.3

Intersection Summary	
HCM 2010 Ctrl Delay	66.9
HCM 2010 LOS	E

Notes

User approved pedestrian interval to be less than phase max green.
User approved volume balancing among the lanes for turning movement.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	30	3464	30	106	1096	40	30	20	888	60	20	50
Future Volume (veh/h)	30	3464	30	106	1096	40	30	20	888	60	20	50
Number	5	2	12	1	6	16	7	4	14	3	8	18
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1845	1845	1845	1845	1845	1845	1900	1845	1845	1900	1845	1900
Adj Flow Rate, veh/h	32	3646	19	112	1154	35	32	21	927	63	21	40
Adj No. of Lanes	1	2	1	1	2	1	0	1	1	0	1	0
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	3	3	3	3	3	3	3	3	3	3	3	3
Cap, veh/h	41	2676	1197	135	2852	1276	89	49	229	53	6	10
Arrive On Green	0.02	0.76	0.76	0.08	0.81	0.81	0.07	0.07	0.07	0.07	0.07	0.07
Sat Flow, veh/h	1757	3505	1568	1757	3505	1568	707	704	1568	218	90	146
Grp Volume(v), veh/h	32	3646	19	112	1154	35	53	0	927	124	0	0
Grp Sat Flow(s),veh/h/ln	1757	1752	1568	1757	1752	1568	1411	0	1568	454	0	0
Q Serve(g_s), s	2.6	110.0	0.4	9.1	13.2	0.6	0.0	0.0	10.0	5.0	0.0	0.0
Cycle Q Clear(g_c), s	2.6	110.0	0.4	9.1	13.2	0.6	5.0	0.0	10.0	10.0	0.0	0.0
Prop In Lane	1.00		1.00	1.00		1.00	0.60		1.00	0.51		0.32
Lane Grp Cap(c), veh/h	41	2676	1197	135	2852	1276	138	0	229	69	0	0
V/C Ratio(X)	0.79	1.36	0.02	0.83	0.40	0.03	0.38	0.00	4.04	1.79	0.00	0.00
Avail Cap(c_a), veh/h	109	2676	1197	573	3591	1606	138	0	229	69	0	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	70.0	17.0	4.1	65.6	3.7	2.6	64.5	0.0	61.5	70.7	0.0	0.0
Incr Delay (d2), s/veh	11.7	165.6	0.0	4.9	0.1	0.0	1.7	0.0	1380.2	407.7	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.4	113.6	0.2	4.6	6.3	0.3	2.1	0.0	97.0	10.6	0.0	0.0
LnGrp Delay(d),s/veh	81.7	182.6	4.1	70.5	3.9	2.6	66.3	0.0	1441.7	478.4	0.0	0.0
LnGrp LOS	F	F	A	E	A	A	E		F	F		
Approach Vol, veh/h		3697			1301			980			124	
Approach Delay, s/veh		180.8			9.6			1367.3			478.4	
Approach LOS		F			A			F			F	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	15.1	115.0		14.0	7.8	122.2		14.0
Change Period (Y+Rc), s	4.0	5.0		4.0	4.5	5.0		4.0
Max Green Setting (Gmax), s	47.6	110.0		10.0	8.9	147.6		10.0
Max Q Clear Time (g_c+I1), s	11.1	112.0		12.0	4.6	15.2		12.0
Green Ext Time (p_c), s	0.1	0.0		0.0	0.0	16.6		0.0

Intersection Summary	
HCM 2010 Ctrl Delay	340.9
HCM 2010 LOS	F

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	60	70	30	228	50	84	60	3380	428	86	1040	50
Future Volume (veh/h)	60	70	30	228	50	84	60	3380	428	86	1040	50
Number	3	8	18	7	4	14	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1792	1792	1900	1727	1727	1727	1863	1863	1863	1792	1792	1792
Adj Flow Rate, veh/h	61	71	22	269	0	8	61	3449	397	88	1061	35
Adj No. of Lanes	1	1	0	2	0	1	1	2	1	1	2	1
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	6	6	6	10	10	10	2	2	2	6	6	6
Cap, veh/h	77	59	18	313	0	140	77	2466	1103	86	2399	1073
Arrive On Green	0.04	0.04	0.04	0.10	0.00	0.10	0.04	0.70	0.70	0.05	0.70	0.70
Sat Flow, veh/h	1707	1314	407	3290	0	1468	1774	3539	1583	1707	3406	1524
Grp Volume(v), veh/h	61	0	93	269	0	8	61	3449	397	88	1061	35
Grp Sat Flow(s),veh/h/ln	1707	0	1721	1645	0	1468	1774	1770	1583	1707	1703	1524
Q Serve(g_s), s	6.3	0.0	8.0	14.3	0.0	0.9	6.1	124.0	18.0	9.0	23.8	1.2
Cycle Q Clear(g_c), s	6.3	0.0	8.0	14.3	0.0	0.9	6.1	124.0	18.0	9.0	23.8	1.2
Prop In Lane	1.00		0.24	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	77	0	77	313	0	140	77	2466	1103	86	2399	1073
V/C Ratio(X)	0.79	0.00	1.20	0.86	0.00	0.06	0.80	1.40	0.36	1.02	0.44	0.03
Avail Cap(c_a), veh/h	77	0	77	351	0	157	140	2466	1103	86	2399	1073
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	84.2	0.0	85.0	79.3	0.0	73.2	84.3	27.0	10.9	84.5	11.3	8.0
Incr Delay (d2), s/veh	42.3	0.0	166.5	23.1	0.0	0.6	6.8	181.8	0.3	102.2	0.2	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
%ile BackOfQ(50%),veh/ln	3.9	0.0	7.4	7.5	0.0	0.4	3.1	122.2	7.9	6.7	11.3	0.5
LnGrp Delay(d),s/veh	126.4	0.0	251.5	102.5	0.0	73.9	91.2	208.8	11.2	186.8	11.5	8.0
LnGrp LOS	F		F	F		E	F	F	B	F	B	A
Approach Vol, veh/h		154			277			3907			1184	
Approach Delay, s/veh		202.0			101.6			186.8			24.4	
Approach LOS		F			F			F			C	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	13.0	130.0		21.9	11.7	131.3		13.0
Change Period (Y+Rc), s	4.0	6.0		5.0	4.0	6.0		5.0
Max Green Setting (Gmax), s	9.0	124.0		19.0	14.0	119.0		8.0
Max Q Clear Time (g_c+I1), s	11.3	126.0		16.3	8.1	25.8		10.0
Green Ext Time (p_c), s	0.0	0.0		0.6	0.0	14.2		0.0

Intersection Summary	
HCM 2010 Ctrl Delay	148.2
HCM 2010 LOS	F

Notes

User approved volume balancing among the lanes for turning movement.

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	270	30	106	93	39	728
Future Volume (veh/h)	270	30	106	93	39	728
Number	4	14	3	8	5	12
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1727	1900	1863	1863	1863	1863
Adj Flow Rate, veh/h	297	29	116	102	43	663
Adj No. of Lanes	1	0	1	1	1	1
Peak Hour Factor	0.91	0.91	0.91	0.91	0.91	0.91
Percent Heavy Veh, %	10	10	2	2	2	2
Cap, veh/h	390	38	156	796	706	770
Arrive On Green	0.25	0.25	0.09	0.43	0.40	0.40
Sat Flow, veh/h	1549	151	1774	1863	1774	1583
Grp Volume(v), veh/h	0	326	116	102	43	663
Grp Sat Flow(s),veh/h/ln	0	1701	1774	1863	1774	1583
Q Serve(g_s), s	0.0	9.1	3.3	1.7	0.8	19.1
Cycle Q Clear(g_c), s	0.0	9.1	3.3	1.7	0.8	19.1
Prop In Lane		0.09	1.00		1.00	1.00
Lane Grp Cap(c), veh/h	0	428	156	796	706	770
V/C Ratio(X)	0.00	0.76	0.74	0.13	0.06	0.86
Avail Cap(c_a), veh/h	0	1073	1843	3273	706	770
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	0.0	17.8	22.9	8.9	9.6	11.7
Incr Delay (d2), s/veh	0.0	2.8	6.7	0.1	0.0	9.8
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	4.6	1.9	0.9	0.4	10.3
LnGrp Delay(d),s/veh	0.0	20.7	29.6	9.0	9.6	21.5
LnGrp LOS		C	C	A	A	C
Approach Vol, veh/h	326			218	706	
Approach Delay, s/veh	20.7			20.0	20.8	
Approach LOS	C			B	C	

Timer	1	2	3	4	5	6	7	8
Assigned Phs		2	3	4				8
Phs Duration (G+Y+Rc), s		25.0	9.0	17.5				26.5
Change Period (Y+Rc), s		4.5	4.5	4.5				4.5
Max Green Setting (Gmax), s		20.5	53.5	32.5				90.5
Max Q Clear Time (g_c+I1), s		21.1	5.3	11.1				3.7
Green Ext Time (p_c), s		0.0	0.3	1.8				0.6

Intersection Summary	
HCM 2010 Ctrl Delay	20.6
HCM 2010 LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	30	20	20	153	20	110	20	3728	237	65	1203	30
Future Volume (veh/h)	30	20	20	153	20	110	20	3728	237	65	1203	30
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		0.98	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1900	1900	1900	1900	1696	1900	1863	1863	1900	1827	1827	1900
Adj Flow Rate, veh/h	32	21	13	161	21	100	21	3924	247	68	1266	31
Adj No. of Lanes	0	1	0	0	1	0	1	2	0	1	2	0
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	0	0	0	12	12	12	2	2	2	4	4	4
Cap, veh/h	171	110	62	201	22	105	26	2257	140	49	2358	58
Arrive On Green	0.22	0.22	0.22	0.22	0.22	0.22	0.01	0.67	0.67	0.03	0.68	0.68
Sat Flow, veh/h	642	501	280	767	100	477	1774	3380	210	1740	3463	85
Grp Volume(v), veh/h	66	0	0	282	0	0	21	2032	2139	68	634	663
Grp Sat Flow(s),veh/h/ln	1423	0	0	1344	0	0	1774	1770	1820	1740	1736	1812
Q Serve(g_s), s	0.0	0.0	0.0	30.7	0.0	0.0	2.1	119.0	119.0	5.0	32.8	32.8
Cycle Q Clear(g_c), s	6.2	0.0	0.0	36.9	0.0	0.0	2.1	119.0	119.0	5.0	32.8	32.8
Prop In Lane	0.48		0.20	0.57		0.35	1.00		0.12	1.00		0.05
Lane Grp Cap(c), veh/h	343	0	0	328	0	0	26	1182	1215	49	1182	1234
V/C Ratio(X)	0.19	0.00	0.00	0.86	0.00	0.00	0.80	1.72	1.76	1.39	0.54	0.54
Avail Cap(c_a), veh/h	358	0	0	341	0	0	60	1182	1215	49	1182	1234
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	56.5	0.0	0.0	68.5	0.0	0.0	87.5	29.6	29.6	86.6	14.3	14.3
Incr Delay (d2), s/veh	0.3	0.0	0.0	19.0	0.0	0.0	17.8	327.5	345.3	264.4	0.6	0.6
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.7	0.0	0.0	15.4	0.0	0.0	1.2	165.3	176.0	6.0	15.9	16.6
LnGrp Delay(d),s/veh	56.7	0.0	0.0	87.6	0.0	0.0	105.3	357.1	374.9	351.0	14.9	14.9
LnGrp LOS	E			F			F	F	F	F	B	B
Approach Vol, veh/h		66			282			4192			1365	
Approach Delay, s/veh		56.7			87.6			365.0			31.7	
Approach LOS		E			F			F			C	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	9.0	125.0		44.2	6.7	127.3		44.2
Change Period (Y+Rc), s	4.0	6.0		5.0	4.0	6.0		5.0
Max Green Setting (Gmax), s	5.0	119.0		41.0	6.0	118.0		41.0
Max Q Clear Time (g_c+I1), s	7.7	121.0		8.2	4.1	34.8		38.9
Green Ext Time (p_c), s	0.0	0.0		0.3	0.0	17.9		0.3

Intersection Summary	
HCM 2010 Ctrl Delay	271.2
HCM 2010 LOS	F

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	80	30	60	90	20	80	50	3825	480	64	1292	20
Future Volume (veh/h)	80	30	60	90	20	80	50	3825	480	64	1292	20
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1900	1863	1863	1881	1881	1900	1845	1845	1845	1827	1827	1900
Adj Flow Rate, veh/h	82	31	1	76	44	39	52	3943	440	66	1332	20
Adj No. of Lanes	0	1	1	1	1	0	1	2	1	1	2	0
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %	2	2	2	1	1	1	3	3	3	4	4	4
Cap, veh/h	65	25	79	70	36	32	66	2755	1232	48	2718	41
Arrive On Green	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.79	0.79	0.03	0.78	0.78
Sat Flow, veh/h	1304	493	1583	1792	921	816	1757	3505	1567	1740	3501	53
Grp Volume(v), veh/h	113	0	1	76	0	83	52	3943	440	66	660	692
Grp Sat Flow(s),veh/h/ln	1798	0	1583	1792	0	1737	1757	1752	1567	1740	1736	1818
Q Serve(g_s), s	9.0	0.0	0.1	7.0	0.0	7.0	5.3	141.5	15.0	5.0	24.7	24.7
Cycle Q Clear(g_c), s	9.0	0.0	0.1	7.0	0.0	7.0	5.3	141.5	15.0	5.0	24.7	24.7
Prop In Lane	0.73		1.00	1.00		0.47	1.00		1.00	1.00		0.03
Lane Grp Cap(c), veh/h	90	0	79	70	0	68	66	2755	1232	48	1347	1411
V/C Ratio(X)	1.26	0.00	0.01	1.09	0.00	1.23	0.79	1.43	0.36	1.37	0.49	0.49
Avail Cap(c_a), veh/h	90	0	79	70	0	68	107	2755	1232	48	1347	1411
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	85.5	0.0	81.3	86.5	0.0	86.5	85.9	19.3	5.7	87.5	7.3	7.3
Incr Delay (d2), s/veh	179.1	0.0	0.1	134.9	0.0	183.3	7.6	196.1	0.2	254.5	0.4	0.4
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	8.9	0.0	0.0	6.1	0.0	6.8	2.7	142.4	6.6	5.8	11.9	12.4
LnGrp Delay(d),s/veh	264.6	0.0	81.3	222.5	0.0	269.8	93.5	215.4	6.0	342.0	7.7	7.6
LnGrp LOS	F		F	F		F	F	F	A	F	A	A
Approach Vol, veh/h		114			159			4435			1418	
Approach Delay, s/veh		263.0			247.2			193.2			23.2	
Approach LOS		F			F			F			C	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	9.0	147.0		13.0	10.8	145.2		11.0
Change Period (Y+Rc), s	4.0	5.5		4.0	4.0	5.5		4.0
Max Green Setting (Gmax), s	5.0	141.5		9.0	11.0	135.5		7.0
Max Q Clear Time (g_c+I1), s	7.0	143.5		11.0	7.3	26.7		9.0
Green Ext Time (p_c), s	0.0	0.0		0.0	0.0	19.9		0.0

Intersection Summary	
HCM 2010 Ctrl Delay	156.5
HCM 2010 LOS	F

Notes

User approved pedestrian interval to be less than phase max green.
User approved volume balancing among the lanes for turning movement.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	20	20	70	0	20	20	3000	440	20	829	0
Future Volume (veh/h)	0	20	20	70	0	20	20	3000	440	20	829	0
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1900	1900	1900	1667	1667	1900	1845	1845	1900	1827	1827	1827
Adj Flow Rate, veh/h	0	22	0	79	0	0	22	3371	490	22	931	0
Adj No. of Lanes	1	1	0	2	1	0	1	2	0	1	2	1
Peak Hour Factor	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
Percent Heavy Veh, %	0	0	0	14	14	14	3	3	3	4	4	4
Cap, veh/h	1	36	0	72	110	0	28	2582	366	27	2908	1301
Arrive On Green	0.00	0.02	0.00	0.02	0.00	0.00	0.02	0.84	0.84	0.02	0.84	0.00
Sat Flow, veh/h	1810	1900	0	3079	1667	0	1757	3082	437	1740	3471	1553
Grp Volume(v), veh/h	0	22	0	79	0	0	22	1881	1980	22	931	0
Grp Sat Flow(s),veh/h/ln	1810	1900	0	1540	1667	0	1757	1752	1767	1740	1736	1553
Q Serve(g_s), s	0.0	2.0	0.0	4.0	0.0	0.0	2.1	142.4	142.4	2.1	10.1	0.0
Cycle Q Clear(g_c), s	0.0	2.0	0.0	4.0	0.0	0.0	2.1	142.4	142.4	2.1	10.1	0.0
Prop In Lane	1.00		0.00	1.00		0.00	1.00		0.25	1.00		1.00
Lane Grp Cap(c), veh/h	1	36	0	72	110	0	28	1468	1480	27	2908	1301
V/C Ratio(X)	0.00	0.61	0.00	1.09	0.00	0.00	0.80	1.28	1.34	0.80	0.32	0.00
Avail Cap(c_a), veh/h	43	324	0	72	284	0	62	1468	1480	41	2908	1301
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	0.00	0.98	0.00	0.00	0.39	0.39	0.39	1.00	1.00	0.00
Uniform Delay (d), s/veh	0.0	82.8	0.0	83.0	0.0	0.0	83.4	13.8	13.8	83.4	3.1	0.0
Incr Delay (d2), s/veh	0.0	21.3	0.0	131.8	0.0	0.0	7.5	128.8	153.8	29.9	0.3	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	1.2	0.0	3.0	0.0	0.0	1.1	119.8	131.1	1.3	4.9	0.0
LnGrp Delay(d),s/veh	0.0	104.0	0.0	215.7	0.0	0.0	90.9	142.6	167.6	113.2	3.4	0.0
LnGrp LOS		F		F			F	F	F	F	A	
Approach Vol, veh/h		22			79			3883			953	
Approach Delay, s/veh		104.0			215.7			155.1			5.9	
Approach LOS		F			F			F			A	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	6.7	148.1	8.0	7.2	6.7	148.1	0.0	15.2
Change Period (Y+Rc), s	4.0	5.7	4.0	4.0	4.0	5.7	4.0	4.0
Max Green Setting (Gmax), s	4.6	115.3	4.0	29.0	6.0	113.3	4.0	29.0
Max Q Clear Time (g_c+I1), s	4.1	144.4	6.0	4.0	4.1	12.1	0.0	0.0
Green Ext Time (p_c), s	0.0	0.0	0.0	0.1	0.0	11.2	0.0	0.0

Intersection Summary	
HCM 2010 Ctrl Delay	127.0
HCM 2010 LOS	F

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	120	390	100	200	30	40	30	1535	560	40	533	20
Future Volume (veh/h)	120	390	100	200	30	40	30	1535	560	40	533	20
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1900	1792	1792	1900	1881	1881	1900	1845	1845	1900
Adj Flow Rate, veh/h	129	419	108	215	32	43	32	1651	576	43	573	20
Adj No. of Lanes	1	1	0	1	1	0	1	2	0	1	2	0
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Percent Heavy Veh, %	2	2	2	6	6	6	1	1	1	3	3	3
Cap, veh/h	542	580	150	179	282	378	41	1283	423	44	1685	59
Arrive On Green	0.41	0.41	0.41	0.41	0.41	0.41	0.02	0.49	0.49	0.03	0.49	0.49
Sat Flow, veh/h	1315	1428	368	839	693	931	1792	2643	871	1757	3455	120
Grp Volume(v), veh/h	129	0	527	215	0	75	32	1085	1142	43	290	303
Grp Sat Flow(s),veh/h/ln	1315	0	1796	839	0	1624	1792	1787	1726	1757	1752	1823
Q Serve(g_s), s	10.8	0.0	39.4	25.6	0.0	4.6	2.8	77.7	77.7	3.9	16.3	16.3
Cycle Q Clear(g_c), s	15.4	0.0	39.4	65.0	0.0	4.6	2.8	77.7	77.7	3.9	16.3	16.3
Prop In Lane	1.00		0.20	1.00		0.57	1.00		0.50	1.00		0.07
Lane Grp Cap(c), veh/h	542	0	730	179	0	660	41	868	838	44	855	889
V/C Ratio(X)	0.24	0.00	0.72	1.20	0.00	0.11	0.78	1.25	1.36	0.98	0.34	0.34
Avail Cap(c_a), veh/h	542	0	730	179	0	660	78	868	838	44	855	889
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.93	0.00	0.93	1.00	0.00	1.00	0.09	0.09	0.09	1.00	1.00	1.00
Uniform Delay (d), s/veh	34.4	0.0	39.9	70.4	0.0	29.6	77.8	41.2	41.2	78.0	25.2	25.2
Incr Delay (d2), s/veh	0.2	0.0	3.2	131.6	0.0	0.1	1.1	113.5	163.7	127.1	1.1	1.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	4.0	0.0	20.3	14.5	0.0	2.1	1.4	65.7	75.2	3.5	8.2	8.5
LnGrp Delay(d),s/veh	34.6	0.0	43.1	202.0	0.0	29.6	78.8	154.6	204.8	205.1	26.3	26.2
LnGrp LOS	C		D	F		C	E	F	F	F	C	C
Approach Vol, veh/h		656			290			2259			636	
Approach Delay, s/veh		41.4			157.4			178.9			38.3	
Approach LOS		D			F			F			D	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	8.0	83.0		69.0	7.7	83.3		69.0
Change Period (Y+Rc), s	4.0	5.3		4.0	4.0	5.3		4.0
Max Green Setting (Gmax), s	4.0	77.7		65.0	7.0	74.7		65.0
Max Q Clear Time (g_c+I1), s	5.9	79.7		41.4	4.8	18.3		67.0
Green Ext Time (p_c), s	0.0	0.0		3.7	0.0	6.6		0.0

Intersection Summary	
HCM 2010 Ctrl Delay	130.6
HCM 2010 LOS	F

Notes

User approved pedestrian interval to be less than phase max green.

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	160	166	1960	440	134	699
Future Volume (veh/h)	160	166	1960	440	134	699
Number	3	18	2	12	1	6
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1881	1881	1863	1900	1845	1845
Adj Flow Rate, veh/h	168	175	2063	446	141	736
Adj No. of Lanes	2	1	2	0	1	2
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	1	1	2	2	3	3
Cap, veh/h	348	160	2083	434	132	2883
Arrive On Green	0.10	0.10	0.71	0.71	0.08	0.82
Sat Flow, veh/h	3476	1599	3009	608	1757	3597
Grp Volume(v), veh/h	168	175	1222	1287	141	736
Grp Sat Flow(s),veh/h/ln	1738	1599	1770	1755	1757	1752
Q Serve(g_s), s	5.5	12.0	76.6	85.7	9.0	5.7
Cycle Q Clear(g_c), s	5.5	12.0	76.6	85.7	9.0	5.7
Prop In Lane	1.00	1.00		0.35	1.00	
Lane Grp Cap(c), veh/h	348	160	1264	1253	132	2883
V/C Ratio(X)	0.48	1.09	0.97	1.03	1.07	0.26
Avail Cap(c_a), veh/h	348	160	1264	1253	132	2883
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	0.09	0.09	0.74	0.74
Uniform Delay (d), s/veh	51.1	54.0	15.9	17.2	55.5	2.4
Incr Delay (d2), s/veh	0.4	98.7	3.1	15.8	87.3	0.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.7	9.7	38.1	46.2	7.6	2.7
LnGrp Delay(d),s/veh	51.5	152.7	19.0	32.9	142.9	2.6
LnGrp LOS	D	F	B	F	F	A
Approach Vol, veh/h	343		2509			877
Approach Delay, s/veh	103.1		26.1			25.1
Approach LOS	F		C			C

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2				6		8
Phs Duration (G+Y+Rc), s	13.0	91.0				104.0		16.0
Change Period (Y+Rc), s	4.0	5.3				5.3		4.0
Max Green Setting (Gmax), s	9.0	85.7				98.7		12.0
Max Q Clear Time (g_c+I1), s	11.0	87.7				7.7		14.0
Green Ext Time (p_c), s	0.0	0.0				9.2		0.0

Intersection Summary	
HCM 2010 Ctrl Delay	33.0
HCM 2010 LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	130	0	146	0	2254	260	124	735	0
Future Volume (veh/h)	0	0	0	130	0	146	0	2254	260	124	735	0
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1900	1863	1900	1900	1881	1881	1881	1881	1900	1845	1845	1900
Adj Flow Rate, veh/h	0	0	0	134	0	15	0	2324	261	128	758	0
Adj No. of Lanes	0	1	0	0	1	1	1	2	0	1	2	0
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %	2	2	2	1	1	1	1	1	1	3	3	3
Cap, veh/h	0	2	0	168	0	150	2	2245	247	117	2813	0
Arrive On Green	0.00	0.00	0.00	0.09	0.00	0.09	0.00	0.69	0.69	0.07	0.80	0.00
Sat Flow, veh/h	0	1863	0	1792	0	1599	1792	3247	358	1757	3597	0
Grp Volume(v), veh/h	0	0	0	134	0	15	0	1259	1326	128	758	0
Grp Sat Flow(s),veh/h/ln	0	1863	0	1792	0	1599	1792	1787	1817	1757	1752	0
Q Serve(g_s), s	0.0	0.0	0.0	6.6	0.0	0.8	0.0	62.2	62.2	6.0	4.9	0.0
Cycle Q Clear(g_c), s	0.0	0.0	0.0	6.6	0.0	0.8	0.0	62.2	62.2	6.0	4.9	0.0
Prop In Lane	0.00		0.00	1.00		1.00	1.00		0.20	1.00		0.00
Lane Grp Cap(c), veh/h	0	2	0	168	0	150	2	1236	1257	117	2813	0
V/C Ratio(X)	0.00	0.00	0.00	0.80	0.00	0.10	0.00	1.02	1.05	1.09	0.27	0.00
Avail Cap(c_a), veh/h	0	201	0	199	0	178	159	1236	1257	117	2813	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.00	0.00	0.00	1.00	0.00	1.00	0.00	0.09	0.09	0.96	0.96	0.00
Uniform Delay (d), s/veh	0.0	0.0	0.0	39.9	0.0	37.3	0.0	13.9	13.9	42.0	2.2	0.0
Incr Delay (d2), s/veh	0.0	0.0	0.0	16.0	0.0	0.2	0.0	13.1	26.9	108.8	0.2	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.0	4.0	0.0	0.3	0.0	34.4	39.8	6.4	2.4	0.0
LnGrp Delay(d),s/veh	0.0	0.0	0.0	55.9	0.0	37.5	0.0	27.0	40.8	150.8	2.5	0.0
LnGrp LOS				E		D		F	F	F	A	
Approach Vol, veh/h		0			149			2585			886	
Approach Delay, s/veh		0.0			54.1			34.1			23.9	
Approach LOS					D			C			C	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	10.0	67.5		0.0	0.0	77.5		12.5
Change Period (Y+Rc), s	4.0	5.3		4.0	4.0	5.3		4.0
Max Green Setting (Gmax), s	6.0	47.0		9.7	8.0	45.0		10.0
Max Q Clear Time (g_c+I1), s	8.6	64.2		0.0	0.0	6.9		8.6
Green Ext Time (p_c), s	0.0	0.0		0.0	0.0	8.8		0.1

Intersection Summary	
HCM 2010 Ctrl Delay	32.4
HCM 2010 LOS	C

Notes

User approved pedestrian interval to be less than phase max green.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	230	40	60	100	30	83	70	2201	120	72	613	180
Future Volume (veh/h)	230	40	60	100	30	83	70	2201	120	72	613	180
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		0.99	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1881	1881	1881	1900	1845	1900	1863	1863	1900	1863	1863	1900
Adj Flow Rate, veh/h	237	41	0	103	31	20	72	2269	122	74	632	172
Adj No. of Lanes	1	1	1	0	2	0	1	2	0	1	2	0
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %	1	1	1	3	3	3	2	2	2	2	2	2
Cap, veh/h	270	284	241	93	56	36	90	2190	117	78	1736	472
Arrive On Green	0.15	0.15	0.00	0.05	0.05	0.05	0.05	0.64	0.64	0.04	0.63	0.63
Sat Flow, veh/h	1792	1881	1599	1757	1049	677	1774	3417	182	1774	2752	748
Grp Volume(v), veh/h	237	41	0	103	0	51	72	1165	1226	74	406	398
Grp Sat Flow(s),veh/h/ln	1792	1881	1599	1757	0	1725	1774	1770	1829	1774	1770	1731
Q Serve(g_s), s	20.7	3.0	0.0	8.5	0.0	4.6	6.4	102.6	102.6	6.7	17.6	17.6
Cycle Q Clear(g_c), s	20.7	3.0	0.0	8.5	0.0	4.6	6.4	102.6	102.6	6.7	17.6	17.6
Prop In Lane	1.00		1.00	1.00		0.39	1.00		0.10	1.00		0.43
Lane Grp Cap(c), veh/h	270	284	241	93	0	92	90	1134	1173	78	1116	1092
V/C Ratio(X)	0.88	0.14	0.00	1.10	0.00	0.56	0.80	1.03	1.05	0.95	0.36	0.36
Avail Cap(c_a), veh/h	408	428	364	93	0	92	145	1134	1173	78	1116	1092
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	0.00	1.00	0.00	1.00	0.41	0.41	0.41	0.97	0.97	0.97
Uniform Delay (d), s/veh	66.5	59.0	0.0	75.8	0.0	73.9	75.1	28.7	28.7	76.3	14.2	14.2
Incr Delay (d2), s/veh	11.7	0.2	0.0	123.9	0.0	4.4	7.8	24.5	30.4	84.1	0.9	0.9
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	11.1	1.6	0.0	7.3	0.0	2.3	3.4	57.5	61.4	5.1	8.8	8.7
LnGrp Delay(d),s/veh	78.1	59.1	0.0	199.7	0.0	78.3	83.0	53.2	59.1	160.5	15.0	15.1
LnGrp LOS	E	E		F		E	F	F	F	F	B	B
Approach Vol, veh/h		278			154			2463			878	
Approach Delay, s/veh		75.3			159.5			57.0			27.3	
Approach LOS		E			F			E			C	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	11.0	107.9		28.1	12.6	106.2		13.0
Change Period (Y+Rc), s	4.0	5.3		4.0	4.5	5.3		4.5
Max Green Setting (Gmax), s	7.0	90.3		36.4	13.1	83.7		8.5
Max Q Clear Time (g_c+I1), s	8.7	104.6		22.7	8.4	19.6		10.5
Green Ext Time (p_c), s	0.0	0.0		0.5	0.1	9.5		0.0

Intersection Summary	
HCM 2010 Ctrl Delay	55.6
HCM 2010 LOS	E

Notes

User approved pedestrian interval to be less than phase max green.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	0	0	220	20	991	100	1400	0	0	613	160
Future Volume (veh/h)	0	0	0	220	20	991	100	1400	0	0	613	160
Number				7	4	14	5	2	12	1	6	16
Initial Q (Qb), veh				0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)				1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln				1900	1827	1900	1863	1863	0	0	1827	1827
Adj Flow Rate, veh/h				227	21	1012	103	1443	0	0	632	107
Adj No. of Lanes				0	2	0	1	2	0	0	2	1
Peak Hour Factor				0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %				0	4	0	2	2	0	0	4	4
Cap, veh/h				755	70	733	128	1656	0	0	1352	574
Arrive On Green				0.47	0.47	0.47	0.07	0.47	0.00	0.00	0.37	0.37
Sat Flow, veh/h				1599	148	1553	1774	3632	0	0	3654	1551
Grp Volume(v), veh/h				248	0	1012	103	1443	0	0	632	107
Grp Sat Flow(s),veh/h/ln				1747	0	1553	1774	1770	0	0	1827	1551
Q Serve(g_s), s				10.2	0.0	55.0	6.7	42.7	0.0	0.0	15.4	5.4
Cycle Q Clear(g_c), s				10.2	0.0	55.0	6.7	42.7	0.0	0.0	15.4	5.4
Prop In Lane				0.92		1.00	1.00		0.00	0.00		1.00
Lane Grp Cap(c), veh/h				824	0	733	128	1656	0	0	1352	574
V/C Ratio(X)				0.30	0.00	1.38	0.80	0.87	0.00	0.00	0.47	0.19
Avail Cap(c_a), veh/h				824	0	733	183	1761	0	0	1352	574
HCM Platoon Ratio				1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)				1.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	1.00
Uniform Delay (d), s/veh				18.9	0.0	30.8	53.3	27.8	0.0	0.0	28.0	24.8
Incr Delay (d2), s/veh				0.2	0.0	179.9	15.5	5.1	0.0	0.0	0.5	0.3
Initial Q Delay(d3),s/veh				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln				4.9	0.0	60.0	3.8	21.8	0.0	0.0	7.8	2.4
LnGrp Delay(d),s/veh				19.2	0.0	210.7	68.8	32.9	0.0	0.0	28.5	25.2
LnGrp LOS				B		F	E	C			C	C
Approach Vol, veh/h					1260			1546			739	
Approach Delay, s/veh					173.0			35.3			28.0	
Approach LOS					F			D			C	

Timer	1	2	3	4	5	6	7	8
Assigned Phs		2		4	5	6		
Phs Duration (G+Y+Rc), s		58.5		58.0	11.4	47.1		
Change Period (Y+Rc), s		4.0		3.0	3.0	4.0		
Max Green Setting (Gmax), s		58.0		55.0	12.0	43.0		
Max Q Clear Time (g_c+I1), s		44.7		57.0	8.7	17.4		
Green Ext Time (p_c), s		9.9		0.0	0.1	8.5		

Intersection Summary	
HCM 2010 Ctrl Delay	82.7
HCM 2010 LOS	F

Notes

User approved pedestrian interval to be less than phase max green.
User approved volume balancing among the lanes for turning movement.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	1060	110	290	0	0	0	0	440	300	493	340	0
Future Volume (veh/h)	1060	110	290	0	0	0	0	440	300	493	340	0
Number	7	4	14				5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		0.99	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1863				0	1810	1810	1810	1810	0
Adj Flow Rate, veh/h	1199	0	133				0	463	116	519	358	0
Adj No. of Lanes	2	0	1				0	2	1	1	2	0
Peak Hour Factor	0.95	0.95	0.95				0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	2	2	2				0	5	5	5	5	0
Cap, veh/h	1360	0	607				0	645	270	563	1876	0
Arrive On Green	0.38	0.00	0.38				0.00	0.18	0.18	0.33	0.55	0.00
Sat Flow, veh/h	3548	0	1583				0	3619	1516	1723	3529	0
Grp Volume(v), veh/h	1199	0	133				0	463	116	519	358	0
Grp Sat Flow(s),veh/h/ln	1774	0	1583				0	1810	1516	1723	1719	0
Q Serve(g_s), s	31.0	0.0	5.6				0.0	11.9	6.7	28.6	5.2	0.0
Cycle Q Clear(g_c), s	31.0	0.0	5.6				0.0	11.9	6.7	28.6	5.2	0.0
Prop In Lane	1.00		1.00				0.00		1.00	1.00		0.00
Lane Grp Cap(c), veh/h	1360	0	607				0	645	270	563	1876	0
V/C Ratio(X)	0.88	0.00	0.22				0.00	0.72	0.43	0.92	0.19	0.00
Avail Cap(c_a), veh/h	1691	0	755				0	844	354	699	2302	0
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00				0.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	28.3	0.0	20.5				0.0	38.2	36.0	32.0	11.4	0.0
Incr Delay (d2), s/veh	4.9	0.0	0.2				0.0	3.5	2.3	16.0	0.1	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	16.1	0.0	2.5				0.0	6.2	3.0	16.1	2.5	0.0
LnGrp Delay(d),s/veh	33.2	0.0	20.6				0.0	41.7	38.3	48.0	11.4	0.0
LnGrp LOS	C		C					D	D	D	B	
Approach Vol, veh/h		1332						579			877	
Approach Delay, s/veh		31.9						41.0			33.1	
Approach LOS		C						D			C	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4		6		
Phs Duration (G+Y+Rc), s	36.2	21.6		40.8		57.8		
Change Period (Y+Rc), s	4.0	* 4		3.0		4.0		
Max Green Setting (Gmax), s	40.6	* 23		47.0		66.0		
Max Q Clear Time (g_c+I1), s	30.6	13.9		33.0		7.2		
Green Ext Time (p_c), s	1.6	3.7		4.8		3.7		

Intersection Summary	
HCM 2010 Ctrl Delay	34.2
HCM 2010 LOS	C

Notes

User approved volume balancing among the lanes for turning movement.

* HCM 2010 computational engine requires equal clearance times for the phases crossing the barrier.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	140	30	110	200	20	435	20	1545	0	431	448	20
Future Volume (veh/h)	140	30	110	200	20	435	20	1545	0	431	448	20
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1900	1900	1900	1759	1759	1759	1863	1863	1863	1827	1827	1827
Adj Flow Rate, veh/h	172	0	0	228	0	343	21	1644	0	459	477	15
Adj No. of Lanes	2	0	1	2	0	2	1	2	1	1	2	1
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	0	0	0	8	8	8	2	2	2	4	4	4
Cap, veh/h	224	0	100	268	0	1060	28	1689	755	478	2579	1154
Arrive On Green	0.06	0.00	0.00	0.08	0.00	0.08	0.02	0.48	0.00	0.27	0.74	0.74
Sat Flow, veh/h	3619	0	1615	3351	0	2991	1774	3539	1583	1740	3471	1553
Grp Volume(v), veh/h	172	0	0	228	0	343	21	1644	0	459	477	15
Grp Sat Flow(s),veh/h/ln	1810	0	1615	1675	0	1495	1774	1770	1583	1740	1736	1553
Q Serve(g_s), s	7.0	0.0	0.0	10.1	0.0	12.0	1.8	68.1	0.0	39.1	6.2	0.4
Cycle Q Clear(g_c), s	7.0	0.0	0.0	10.1	0.0	12.0	1.8	68.1	0.0	39.1	6.2	0.4
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	224	0	100	268	0	1060	28	1689	755	478	2579	1154
V/C Ratio(X)	0.77	0.00	0.00	0.85	0.00	0.32	0.76	0.97	0.00	0.96	0.18	0.01
Avail Cap(c_a), veh/h	674	0	301	268	0	1060	71	1696	759	486	2579	1154
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	69.4	0.0	0.0	68.2	0.0	35.4	73.7	38.3	0.0	53.7	5.8	5.0
Incr Delay (d2), s/veh	2.1	0.0	0.0	21.3	0.0	0.1	45.2	15.9	0.0	30.8	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	3.6	0.0	0.0	5.5	0.0	5.2	1.2	36.8	0.0	22.8	2.9	0.2
LnGrp Delay(d),s/veh	71.5	0.0	0.0	89.6	0.0	35.4	118.9	54.3	0.0	84.5	5.8	5.0
LnGrp LOS	E			F		D	F	D		F	A	A
Approach Vol, veh/h		172			571			1665			951	
Approach Delay, s/veh		71.5			57.0			55.1			43.7	
Approach LOS		E			E			E			D	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	15.3	76.2		12.8	5.3	116.1		16.0
Change Period (Y+Rc), s	4.0	4.5		3.5	3.0	4.5		4.0
Max Green Setting (Gmax), s	12.0	72.0		28.0	6.0	109.0		12.0
Max Q Clear Time (g_c+I1), s	11.1	70.1		9.0	3.8	8.2		14.0
Green Ext Time (p_c), s	0.2	1.5		0.3	0.0	1.9		0.0

Intersection Summary	
HCM 2010 Ctrl Delay	53.1
HCM 2010 LOS	D

Notes

User approved pedestrian interval to be less than phase max green.
User approved volume balancing among the lanes for turning movement.

Intersection	
Intersection Delay, s/veh	170.4
Intersection LOS	F

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	40	40	20	70	20	70	20	656	170	28	88	20
Future Vol, veh/h	40	40	20	70	20	70	20	656	170	28	88	20
Peak Hour Factor	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
Heavy Vehicles, %	3	3	3	3	3	3	3	3	3	3	3	3
Mvmt Flow	49	49	24	85	24	85	24	800	207	34	107	24
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	13	14.2	244	12.2
HCM LOS	B	B	F	B

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	2%	40%	44%	21%
Vol Thru, %	78%	40%	12%	65%
Vol Right, %	20%	20%	44%	15%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	846	100	160	136
LT Vol	20	40	70	28
Through Vol	656	40	20	88
RT Vol	170	20	70	20
Lane Flow Rate	1032	122	195	166
Geometry Grp	1	1	1	1
Degree of Util (X)	1.491	0.223	0.341	0.274
Departure Headway (Hd)	5.203	7.769	7.394	6.674
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	712	465	490	542
Service Time	3.203	5.769	5.394	4.674
HCM Lane V/C Ratio	1.449	0.262	0.398	0.306
HCM Control Delay	244	13	14.2	12.2
HCM Lane LOS	F	B	B	B
HCM 95th-tile Q	50.2	0.8	1.5	1.1

Intersection	
Int Delay, s/veh	44.1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	↱
Traffic Vol, veh/h	175	23	55	0	11	0	30	688	0	0	111	71
Future Vol, veh/h	175	23	55	0	11	0	30	688	0	0	111	71
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	145
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	83	94	83	94	94	94	83	83	94	94	83	83
Heavy Vehicles, %	3	2	3	2	2	2	3	3	2	2	3	3
Mvmt Flow	211	24	66	0	12	0	36	829	0	0	134	86

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	1041	1035	134	1123	1121	829	220	0	0	829	0	0
Stage 1	134	134	-	901	901	-	-	-	-	-	-	-
Stage 2	907	901	-	222	220	-	-	-	-	-	-	-
Critical Hdwy	7.13	6.52	6.23	7.12	6.52	6.22	4.13	-	-	4.12	-	-
Critical Hdwy Stg 1	6.13	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.13	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	3.527	4.018	3.327	3.518	4.018	3.318	2.227	-	-	2.218	-	-
Pot Cap-1 Maneuver	~ 207	232	912	183	206	370	1343	-	-	803	-	-
Stage 1	867	785	-	333	357	-	-	-	-	-	-	-
Stage 2	329	357	-	780	721	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	~ 190	220	912	150	196	370	1343	-	-	803	-	-
Mov Cap-2 Maneuver	~ 190	220	-	150	196	-	-	-	-	-	-	-
Stage 1	824	785	-	316	339	-	-	-	-	-	-	-
Stage 2	302	339	-	701	721	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	202.4	24.5	0.3	0
HCM LOS	F	C		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1343	-	-	233	196	803	-	-
HCM Lane V/C Ratio	0.027	-	-	1.294	0.06	-	-	-
HCM Control Delay (s)	7.8	0	-	202.4	24.5	0	-	-
HCM Lane LOS	A	A	-	F	C	A	-	-
HCM 95th %tile Q(veh)	0.1	-	-	15.8	0.2	0	-	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Intersection	
Intersection Delay, s/veh	29.8
Intersection LOS	D

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	220	60	20	50	30	63	30	445	50	76	80	30
Future Vol, veh/h	220	60	20	50	30	63	30	445	50	76	80	30
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	234	64	21	53	32	67	32	473	53	81	85	32
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	19.8	13	45.8	13.9
HCM LOS	C	B	E	B

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	6%	73%	35%	41%
Vol Thru, %	85%	20%	21%	43%
Vol Right, %	10%	7%	44%	16%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	525	300	143	186
LT Vol	30	220	50	76
Through Vol	445	60	30	80
RT Vol	50	20	63	30
Lane Flow Rate	559	319	152	198
Geometry Grp	1	1	1	1
Degree of Util (X)	0.929	0.603	0.296	0.372
Departure Headway (Hd)	5.987	6.797	7.002	6.771
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	603	530	510	528
Service Time	4.046	4.868	5.09	4.855
HCM Lane V/C Ratio	0.927	0.602	0.298	0.375
HCM Control Delay	45.8	19.8	13	13.9
HCM Lane LOS	E	C	B	B
HCM 95th-tile Q	12	4	1.2	1.7

Intersection	
Int Delay, s/veh	10.3

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	478	520	123	40	30	76
Future Vol, veh/h	478	520	123	40	30	76
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	178	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	89	89	89	89	89	89
Heavy Vehicles, %	6	6	6	6	6	6
Mvmt Flow	537	584	138	45	34	85

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	183	0	-	0	1819	161
Stage 1	-	-	-	-	161	-
Stage 2	-	-	-	-	1658	-
Critical Hdwy	4.16	-	-	-	6.46	6.26
Critical Hdwy Stg 1	-	-	-	-	5.46	-
Critical Hdwy Stg 2	-	-	-	-	5.46	-
Follow-up Hdwy	2.254	-	-	-	3.554	3.354
Pot Cap-1 Maneuver	1368	-	-	-	83	874
Stage 1	-	-	-	-	858	-
Stage 2	-	-	-	-	167	-
Platoon blocked, %			-	-	-	
Mov Cap-1 Maneuver	1368	-	-	-	50	874
Mov Cap-2 Maneuver	-	-	-	-	50	-
Stage 1	-	-	-	-	521	-
Stage 2	-	-	-	-	167	-

Approach	EB	WB	SB
HCM Control Delay, s	4.5	0	81
HCM LOS			F

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1368	-	-	-	154
HCM Lane V/C Ratio	0.393	-	-	-	0.773
HCM Control Delay (s)	9.3	-	-	-	81
HCM Lane LOS	A	-	-	-	F
HCM 95th %tile Q(veh)	1.9	-	-	-	4.8

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	162	100	202	70	90	50	205	1380	50	40	600	53
Future Volume (veh/h)	162	100	202	70	90	50	205	1380	50	40	600	53
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	0.99		1.00	1.00		0.98	1.00		1.00	1.00		0.97
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1900	1881	1881	1900	1881	1900	1881	1881	1881	1881	1881	1900
Adj Flow Rate, veh/h	174	108	0	75	97	41	220	1484	0	43	645	51
Adj No. of Lanes	0	1	1	0	1	0	1	2	1	1	2	0
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Percent Heavy Veh, %	1	1	1	1	1	1	1	1	1	1	1	1
Cap, veh/h	279	127	395	173	211	77	262	1948	871	54	1436	113
Arrive On Green	0.25	0.25	0.00	0.25	0.25	0.25	0.15	0.55	0.00	0.03	0.43	0.43
Sat Flow, veh/h	830	515	1599	449	853	310	1792	3574	1599	1792	3348	264
Grp Volume(v), veh/h	282	0	0	213	0	0	220	1484	0	43	344	352
Grp Sat Flow(s),veh/h/ln	1345	0	1599	1613	0	0	1792	1787	1599	1792	1787	1826
Q Serve(g_s), s	7.3	0.0	0.0	0.0	0.0	0.0	9.4	25.5	0.0	1.9	10.7	10.8
Cycle Q Clear(g_c), s	16.0	0.0	0.0	8.7	0.0	0.0	9.4	25.5	0.0	1.9	10.7	10.8
Prop In Lane	0.62		1.00	0.35		0.19	1.00		1.00	1.00		0.14
Lane Grp Cap(c), veh/h	407	0	395	461	0	0	262	1948	871	54	766	783
V/C Ratio(X)	0.69	0.00	0.00	0.46	0.00	0.00	0.84	0.76	0.00	0.80	0.45	0.45
Avail Cap(c_a), veh/h	635	0	649	729	0	0	455	2268	1015	91	771	788
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	28.6	0.0	0.0	25.5	0.0	0.0	32.7	13.9	0.0	38.0	15.9	15.9
Incr Delay (d2), s/veh	0.8	0.0	0.0	0.3	0.0	0.0	2.8	1.5	0.0	9.7	0.6	0.6
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	6.0	0.0	0.0	4.0	0.0	0.0	4.8	12.8	0.0	1.1	5.4	5.5
LnGrp Delay(d),s/veh	29.4	0.0	0.0	25.7	0.0	0.0	35.5	15.5	0.0	47.6	16.5	16.5
LnGrp LOS	C			C			D	B		D	B	B
Approach Vol, veh/h		282			213			1704			739	
Approach Delay, s/veh		29.4			25.7			18.1			18.3	
Approach LOS		C			C			B			B	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	6.4	47.9		24.5	15.5	38.8		24.5
Change Period (Y+Rc), s	4.0	5.0		5.0	4.0	5.0		* 5
Max Green Setting (Gmax), s	4.0	50.0		32.0	20.0	34.0		* 33
Max Q Clear Time (g_c+I1), s	3.9	27.5		18.0	11.4	12.8		10.7
Green Ext Time (p_c), s	0.0	15.5		1.0	0.2	6.1		0.8

Intersection Summary	
HCM 2010 Ctrl Delay	19.8
HCM 2010 LOS	B

Notes

* HCM 2010 computational engine requires equal clearance times for the phases crossing the barrier.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	30	20	20	153	20	110	20	3728	237	65	1203	30
Future Volume (veh/h)	30	20	20	153	20	110	20	3728	237	65	1203	30
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		0.98	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1900	1900	1900	1900	1696	1900	1863	1863	1900	1827	1827	1900
Adj Flow Rate, veh/h	32	21	13	161	21	100	21	3924	247	68	1266	31
Adj No. of Lanes	0	1	0	0	1	0	1	2	0	1	2	0
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	0	0	0	12	12	12	2	2	2	4	4	4
Cap, veh/h	157	101	56	185	20	95	26	2291	142	68	2430	59
Arrive On Green	0.20	0.20	0.20	0.20	0.20	0.20	0.01	0.68	0.68	0.04	0.70	0.70
Sat Flow, veh/h	635	504	280	766	100	476	1774	3380	210	1740	3463	85
Grp Volume(v), veh/h	66	0	0	282	0	0	21	2032	2139	68	634	663
Grp Sat Flow(s),veh/h/ln	1419	0	0	1341	0	0	1774	1770	1820	1740	1736	1812
Q Serve(g_s), s	0.0	0.0	0.0	29.5	0.0	0.0	2.1	122.0	122.0	7.0	30.9	31.0
Cycle Q Clear(g_c), s	6.5	0.0	0.0	36.0	0.0	0.0	2.1	122.0	122.0	7.0	30.9	31.0
Prop In Lane	0.48		0.20	0.57		0.35	1.00		0.12	1.00		0.05
Lane Grp Cap(c), veh/h	314	0	0	300	0	0	26	1199	1234	68	1218	1272
V/C Ratio(X)	0.21	0.00	0.00	0.94	0.00	0.00	0.79	1.69	1.73	1.00	0.52	0.52
Avail Cap(c_a), veh/h	314	0	0	300	0	0	69	1199	1234	68	1218	1272
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	60.0	0.0	0.0	72.8	0.0	0.0	88.4	29.0	29.0	86.5	12.6	12.6
Incr Delay (d2), s/veh	0.3	0.0	0.0	36.6	0.0	0.0	17.7	316.0	333.5	110.8	0.5	0.5
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.8	0.0	0.0	17.1	0.0	0.0	1.2	164.3	175.0	5.4	15.0	15.6
LnGrp Delay(d),s/veh	60.3	0.0	0.0	109.4	0.0	0.0	106.1	345.0	362.5	197.3	13.2	13.1
LnGrp LOS	E			F			F	F	F	F	B	B
Approach Vol, veh/h		66			282			4192			1365	
Approach Delay, s/veh		60.3			109.4			352.7			22.3	
Approach LOS		E			F			F			C	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	11.0	128.0		41.0	6.7	132.3		41.0
Change Period (Y+Rc), s	4.0	6.0		5.0	4.0	6.0		5.0
Max Green Setting (Gmax), s	7.0	122.0		36.0	7.0	122.0		36.0
Max Q Clear Time (g_c+I1), s	9.0	124.0		8.5	4.1	33.0		38.0
Green Ext Time (p_c), s	0.0	0.0		0.3	0.0	18.0		0.0

Intersection Summary	
HCM 2010 Ctrl Delay	261.5
HCM 2010 LOS	F

ATTACHMENT E: FAIR SHARE CALCULATIONS

Table E1: PROJECT FAIR SHARE - EXISTING CONDITIONS

Intersection	Period	Existing Volumes	Project Alternative Traffic	Existing With Project Alternative	New Traffic	Fair Share %
5. Richmond Parkway/Goodrick Avenue	-	-	-	-	-	-
	PM	3,830	25	3,855	25	100%
9.Richmond Parkway/Gertrude Avenue	-	-	-	-	-	-
	PM	3,860	70	3,930	70	100%
18. Fred Jackson Way/Brookside Drive	-	-	-	-	-	-
	PM	1,020	24	1,044	24	100%

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Table E2: PROJECT FAIR SHARE - CUMULATIVE CONDITIONS

Intersection	Period	Existing Volumes	Project Alternative Traffic	Cumulative With Project Alternative	New Traffic	Fair Share %
8. Richmond Parkway/Pittsburg Avenue	AM	-	-	-	-	-
	PM	3,510	70	5,636	2,126	3.29%
18. Fred Jackson Way/Brookside Drive	AM	-	-	-	-	-
	PM	1,020	24	1,242	222	10.81%
19. Fred Jackson Way/ Pittsburg Avenue	AM	-	-	-	-	-
	PM	930	71	1,164	234	30.34%

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J.5 - Single Warehouse Alternative – Vehicle Miles Traveled Analysis

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TECHNICAL MEMORANDUM

Date:	May 12, 2021	Project #: 25515
To:	Ryan Kelleher, William Lu, John Lass CenterPoint Properties 725 S. Figueroa Street, Suite 3005 Los Angeles, CA 90017	
From:	Damian Stefanakis, Miao Gao, Fernando Sotelo, Kittelson & Associates, Inc.	
Project:	Richmond Gardens VMT Analysis for 506 Brookside Drive	
Subject:	**CEQA VMT Analysis for Project Alternative per SB 743 and County Guidelines**	

SUMMARY

The following Vehicle Miles Traveled (VMT) analysis has been prepared to determine and evaluate the potential VMT impacts associated with the proposed Project Alternative at 506 Brookside Drive in unincorporated Richmond, CA. The Project Alternative consists of 165,456 square feet of delivery warehousing and 18,000 square feet of office, for a total of 183,456 square feet.

The analysis is based on recent Contra Costa County screening criteria and thresholds for VMT assessment guidelines adopted in June 2020. This report utilizes a similar methodology as the County's *CenterPoint North Richmond Development Traffic Study (TIA),* prepared for the EIR by Fehr & Peers, dated April 20, 2021.

Based on the applicants proposed project alternative trip data shown in Attachment A, the Project Alternative is expected to generate over 110 weekday daily trips and is not located in a Transit Priority Area. Therefore based on these characteristics and based on the County's CEQA VMT Impact Guidelines, the project cannot be screened out and a detailed VMT analysis is required. The following summarizes the project characteristics in terms of VMT.

PROJECT ALTERNATIVE EFFECT ON VEHICLE-MILES TRAVELED

Table 1 presents the results of the VMT calculation for the proposed project Alternative. The calculation follows the same methods identified in the **County TIA Section 1.5.** The VMT calculation does not include a truck/PCE adjustment, and thus the trip values in **Table 1** vary from the estimates used in the operations analysis. Similar to the proposed project described in the **County TIA Section 1.5**, trip lengths were obtained from location based services (LBS) (big data) rather than directly from the CCTA travel demand model. Also, the computed VMT for SB 743 applies only to home-based work commute vehicles and does not include delivery vans and trucks.

Table 1: Project Alternative VMT Generated

Vehicle Type	Daily Trips[1]	Average Distance (mi) (One-Way)	VMT
Warehouse/Distribution Center: Automobiles	1,074	20.53	22,049
Average one-way employee commute trip length			20.53 mi
Regional 9-County Average			15.0 mi
15% below Regional Average			12.75 mi
Required mitigation			7.78 mi (37.9% reduction)
Impact finding			Significant and unavoidable

Notes:
1. Passenger car equivalency adjustment is not required for VMT calculation.
2. Consistent with the LBS data, VMT for this analysis relies on the average trip length and is independent of number of employees.
Source: Applicant information, Kittelson & Associates, Inc. 2021

As shown in **Table 1**, the proposed project Alternative would result in a significant CEQA Transportation impact if the project's employee-based, commute home-based work (HBW) trip VMT per employee is greater than 15 percent below the nine-county MTC average for employment uses in the San Francisco Bay Area. This applies only to employee commute automobile trips. As presented in the **County TIA Section 1.5**, 15 percent below the average nine-county MTC average HBW VMT per worker is 12.75 HBW trip VMT per worker. Given that the LBS-estimated average one-way trip length for automobile trips generated by the project is over 20 miles, the project would be in excess of 15 percent below the regional nine-county MTC average threshold, thus the project Alternative's effect on VMT would result in a **significant and unavoidable impact**. Mitigation measures to alleviate this impact have been proposed in the **County TIA Section 7.1**. These would also apply to the project Alternative.

PROJECT ALTERNATIVE VMT FOR AIR QUALITY AND GHG ANALYSIS

Table 2 presents the results of the VMT calculation for the proposed project Alternative for Air Quality and GHG analysis. This includes all vehicle types with resulting trip lengths obtained from the LBS data.

Table 2: Project Alternative VMT for Air/GHG Analysis

Vehicle Type	Daily Trips[1]	Average Distance (mi) (One-Way)	VMT
Warehouse/Distribution Center: Automobiles	1,074	20.53	22,049
Warehouse/Distribution Center: Vans	492	20.53	10,101
Warehouse/Distribution Center: Heavy Vehicles	50	28.61	1,431
Total CenterPoint Alternative VMT	**1,616**	--	**33,581**

Notes:
Source: Applicant information, Kittelson & Associates, Inc. 2021

ATTACHMENT A: APPLICANT PROPOSED PROJECT ALTERNATIVE TRIP DATA

Applicant's Proposed Trips

	Project Alternative - All Trips											
	Autos			Trucks			Vans			Total		
Time	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total
00:00	0	0	0	2	2	4	0	0	0	2	2	4
01:00	115	0	115	1	2	3	0	0	0	116	2	118
02:00	0	0	0	2	1	3	0	0	0	2	1	3
03:00	0	0	0	1	2	3	0	0	0	1	2	3
04:00	0	0	0	2	1	3	0	0	0	2	1	3
05:00	35	0	35	1	2	3	0	0	0	36	2	38
06:00	0	0	0	2	1	3	0	0	0	2	1	3
07:00	0	0	0	1	1	2	0	0	0	1	1	2
07:30	0	0	0	0	1	1	0	0	0	0	1	1
08:00	0	0	0	1	0	1	0	0	0	1	0	1
08:30	0	0	0	0	1	1	0	0	0	0	1	1
09:00	30	0	0	1	0	1	0	0	0	31	0	31
09:30	120	0	0	1	1	2	0	0	0	121	1	122
10:00	96	0	96	1	1	2	0	246	246	97	247	344
11:00	6	0	6	0	1	1	0	0	0	6	1	7
12:00	0	115	115	0	0	0	0	0	0	0	115	115
13:00	65	0	65	0	0	0	0	0	0	65	0	65
14:00	0	35	35	0	0	0	0	0	0	0	35	35
15:00	0	0	0	0	0	0	0	0	0	0	0	0
16:00	70	0	70	0	0	0	0	0	0	70	0	70
16:30	0	35	35	1	0	1	0	0	0	1	35	36
17:00	0	35	35	0	1	1	0	0	0	0	36	36
17:30	0	0	0	0	0	0	0	0	0	0	0	0
18:00	0	30	30	1	1	2	0	0	0	1	31	32
19:00	0	69	69	2	1	3	132	0	132	134	70	204
20:00	0	162	162	1	1	2	114	0	114	115	163	278
21:00	0	15	15	1	2	3	0	0	0	1	17	18
22:00	0	41	41	2	1	3	0	0	0	2	42	44
23:00	0	0	0	1	1	2	0	0	0	1	1	2
Total	**537**	**537**	**1,074**	**25**	**25**	**50**	**246**	**246**	**492**	**808**	**808**	**1,616**

Source: Applicant's Proposed Trip Operations, 2020