

# *Connecticut Department of Transportation*

## **OZONE Air Quality Conformity Determination**

**of the  
2011 Regional Transportation Plans and the  
FY 2012-2015 Transportation Improvement Programs  
for the Connecticut portion of  
the New York-Northern New Jersey-Long Island, NY-NJ-CT  
Ozone Nonattainment Area and the Greater Connecticut Ozone Nonattainment  
Area**



November 2011

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*Note: The Connecticut portion of the New York-Northern New Jersey-Long Island Non-Attainment area (Fairfield, New Haven and Middlesex counties) and the Greater Connecticut Non-Attainment area (Hartford, New London, Tolland, Windham and Litchfield counties) have been designated as Moderate Non-Attainment areas. This document includes the documentation of the regional analysis for both nonattainment areas within the State of Connecticut, as well as documentation and information on the processes and procedures undertaken by Connecticut Department of Transportation, coordinator of Air Quality Conformity for the Connecticut Regional Planning Organizations.*

## INTRODUCTION

This document was prepared to document the emissions analysis that was completed to evaluate Fiscal Year 2012-2015 Conformity of the Metropolitan Regional Planning Organizations' Transportation Improvement Programs (STIP) and the Regional Long Range Transportation Plans (LRTP) to the State Implementation Plan (SIP) for air quality. This submittal incorporates the FY 2012-2015 STIP and LRTPs from Connecticut's Regional Planning Organizations (RPOs), and revised Mobile Vehicle Emission Budgets (MVEBs).

The report is submitted to satisfy the requirements of the SIP, as revised.

The statewide travel demand models were rerun, along with accompanying Vehicle Miles of Travel (VMT) and Mobile 6.2 emissions model. The results of these runs show a decrease in emissions in the affected area and therefore the transportation program and plan continue to conform to the State's.

On November 15, 1990, the Clean Air Act Amendments (CAAA) of 1990 were signed into law. On August 15, 1997, the Environmental Protection Agency (EPA) published the Final Conformity Rule. Effective February 17, 2004, EPA approved a revision to the Connecticut SIP for the attainment and maintenance of the one-hour National Ambient Air Quality Standard (NAAQS) for ground level ozone.<sup>1</sup> Emissions budgets for the 2007 Volatile Organic Compounds (VOC) & Nitrogen Oxides (NOX) motor vehicle emissions

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<sup>1</sup> 40CFR Part 52

were calculated using MOBILE6.2 for the Connecticut portion of the New York-Northern New Jersey-Long Island nonattainment area and the 2007 motor vehicle emissions budgets (MVEBs) for the Greater Connecticut non-attainment area. Procedures and criteria contained in that document provided the basis for this Conformity determination. Implementation of these rules has been accomplished through a cooperative effort of the Regional Planning Organizations (RPOs), EPA, Federal Transit Administration (FTA), Federal Highway Administration (FHWA), Connecticut Department of Transportation (CTDOT) and the Connecticut Department of Environmental Protection (CTDEP). Until superceded by an updated emissions model, all future transportation conformity analysis will be required to demonstrate compliance with MOBILE6.2 budgets.

In June of 2004, EPA finalized eight-hour conformity rules for ozone non-attainment areas in Connecticut, which became effective in June of 2005. These areas were designated as 'moderate' non-attainment for the eight-hour standard: the Connecticut portion of the New York-Northern New Jersey-Long Island eight-hour ozone non-attainment area, consisting of Fairfield, New Haven and Middlesex counties and the Greater Connecticut eight-hour ozone non-attainment area, consisting of Hartford, Litchfield, New London, Tolland and Windham counties. Emissions are now tested against new eight-hour budgets, which were developed jointly by CTDEP and CTDOT, and found adequate by EPA on June 27, 2008.

The 2009 MVEBs established in 2008 for each of Connecticut's non-attainment areas

represented CTDEP's planning estimate at that time of the level of motor vehicle emissions that would be necessary to produce timely attainment of the 1997 8-hour ozone NAAQS. The appropriateness of the 2009 MVEBs was confirmed by actual monitored 2009 design values, which demonstrated that both nonattainment areas had achieved timely attainment of the NAAQS.

On August 23, 2010, CTDEP requested EPA to retain the 2009 MVEBs as adequate ozone precursor budgets for future transportation conformity determinations and for EPA to withdraw the adequacy determination for the 2012 MVEBs, which were set at lower emission levels in case attainment was not achieved by 2009. On December 30, 2010 EPA informed CTDEP that it was withdrawing its previous adequacy finding on the 2012 out year MVEBs contained in Connecticut's 8-hour ozone attainment demonstration SIP. Therefore, as the 2009 MVEBs are adequate ozone precursor budgets, this Air Quality Conformity analysis will compare future year emissions to this base. Connecticut's withdrawal of the 2012 MVEBs was published in the Federal Register on February 15, 2011 and the budget change became effective 15 days after publication of the announcement.

MOBILE6.2 calculates emission factors based on a wider variety of parameters than the previous MOBILE5b emissions model. These parameters include vehicle type and age, model year; travel speed; roadway type; ambient temperature and humidity; fuel type, and applicable control measures such as reformulated gasoline (RFG) and inspection and maintenance (I/M). Local inputs were cooperatively developed by CTDEP and

CTDOT where applicable using EPA recommended methods.<sup>2</sup>

## **VEHICLE EMISSIONS**

### **Ozone**

Ground level ozone is a major component of smog. It is formed by sunlight and heat acting upon fuel combustion products such as nitrogen oxides and hydrocarbons.

Ozone occurs naturally in the upper atmosphere and shields the earth from ultraviolet radiation. However, at ground level, ozone is a severe irritant. Because ozone formation is directly related to atmospheric temperatures, problematic ozone levels occur most frequently on hot summer afternoons.

Ozone exposure is linked to respiratory illnesses such as asthma and lung inflammation and can exacerbate existing respiratory ailments. Ozone pollution can also severely damage vegetation, including agricultural crops and forest habitats.

### **Nitrogen Oxides (NOX)**

Mobile source nitrogen oxides form when nitrogen and oxygen atoms chemically react inside the high pressure and temperature conditions in an engine. Nitrogen oxides are precursors for ozone and can also contribute to the formation of acidic rain.

### **Hydrocarbons or Volatile Organic Compounds (VOC)**

Hydrocarbon emissions are a product of partial fuel combustion, fuel evaporation and

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<sup>2</sup> Technical Guidance on the Use of MOBILE6 for Emission Inventory Preparation; U.S. EPA; January 2002.

refueling losses caused by spillage and vapor leakage. VOC reacts with nitrogen oxides and sunlight to form ozone.

### **Carbon Monoxide (CO)**

Carbon monoxide is produced by the incomplete burning of carbon in fuels, including gasoline. High concentrations of CO occur along roadsides in heavy traffic, particularly at major intersections and in enclosed areas such as garages and poorly ventilated tunnels. Peak concentrations occur during the colder months of the year when CO vehicular emissions are greater.

### **Ozone Non-Attainment Areas**

In July 1997, EPA announced a new eight-hour standard for ozone emissions. This new standard is more stringent than the previous one-hour standard; it requires that the average eight-hour ozone level be no greater than 0.08 parts per million (ppm). The one-hour standard specified an ozone level no greater than 0.12 ppm for one hour.

Under the one-hour standard, the state had two non-attainment areas. Fairfield County, minus Shelton, plus New Milford and Bridgewater was designated as a severe non-attainment area. The rest of the state was designated to be in serious non-attainment. As previously discussed, these non-attainment areas have changed under the eight-hour standard. The Connecticut portion of the New York-Northern New Jersey-Long Island Non-Attainment area (Fairfield, New Haven and Middlesex counties) has been

designated a Moderate Non-Attainment area, while the Greater Connecticut area (Hartford, New London, Tolland, Windham and Litchfield counties) has also been designated as a Moderate Non-Attainment area. Figure 1 below shows the two Moderate Non-Attainment areas in Connecticut.

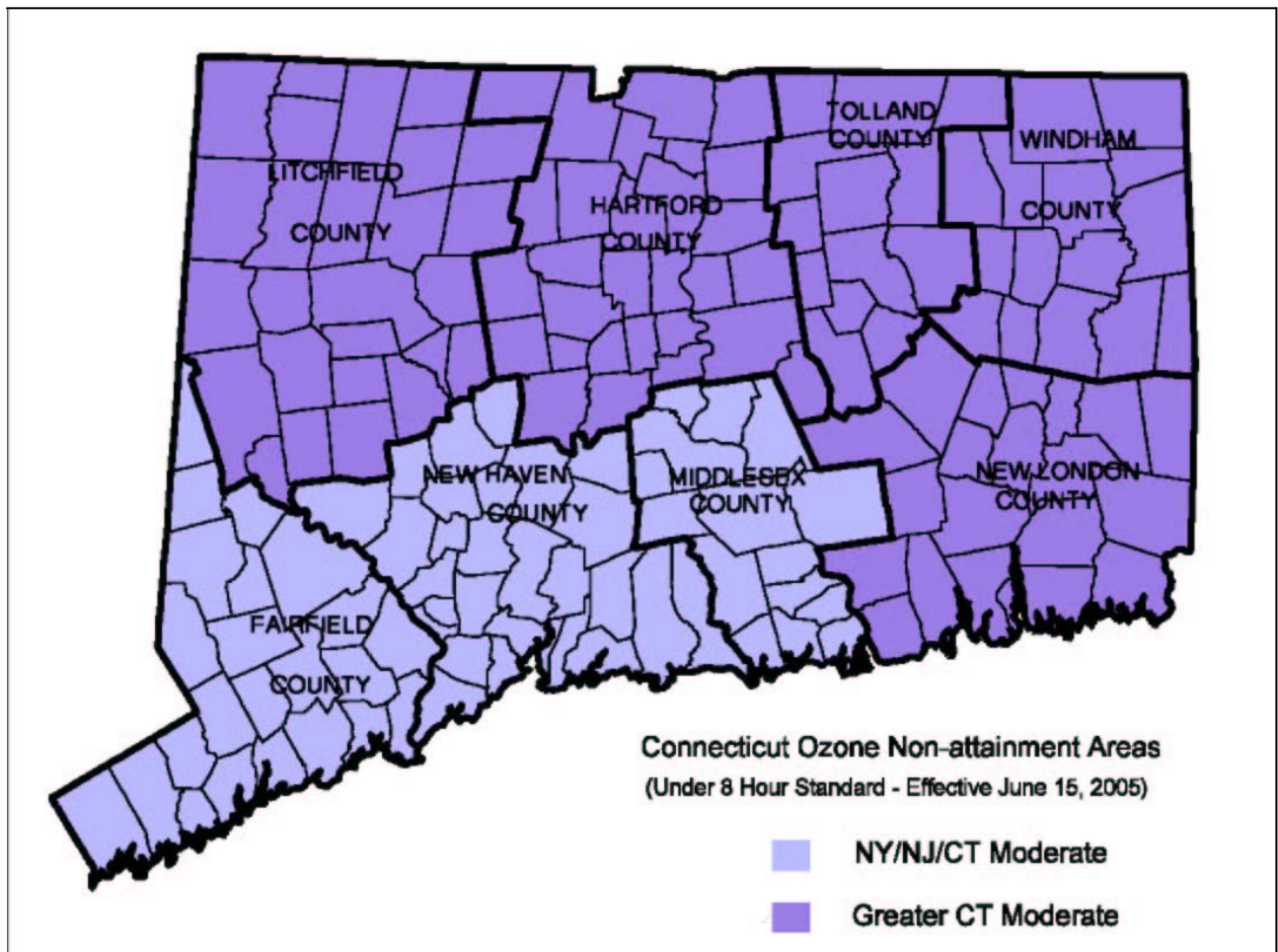


Figure 1: Connecticut Ozone Non-attainment Areas

## CO Non-Attainment Areas

There were formerly three CO non-attainment areas in the state. These were the Southwest portion of the state, the greater New Haven area, and the greater Hartford area. The remainder of the state was in attainment for CO. Attainment was demonstrated in each of these areas and, subsequently, they were designated as Full Maintenance areas. On September 13, 2004, EPA approved a CTDEP submittal for a SIP revision for re-designation of these areas to Limited Maintenance Plan status, thus eliminating the need for budget testing. In the future, “hot-spot” carbon monoxide analyses will be performed to satisfy “project level” conformity determinations.

## Conformity Tests

Under the Conformity Rules, the following test for VOC/NOX must be met:

- TEST 1  
For VOC and NOX, transportation emissions from the Action Scenarios must be less than the 2009 transportation emission budgets if analysis year is 2009 or later.

As the CO areas have been approved by EPA for Limited Maintenance Plan status, no tests for CO are required.

The **ACTION SCENARIO** is the future transportation system that will result from full implementation of the Transportation Improvement Programs (TIP) and Long Range Transportation Plans (LRTP).



**VOC/NOX** emission analysis was conducted for summer conditions and for the following years:

- 2009 (eight-hour MVEB year)
- 2015 (near term analysis year)
- 2025 (interim modeling year)
- 2035 (interim modeling year)
- 2040 (Long Range Transportation Plan horizon year)

At this time, the following eight-hour emission budgets have been approved by EPA for use in this conformity analysis:

1. In 2009 and subsequent years, VOC in the Connecticut portion of the New York-Northern New Jersey-Long Island Moderate Non-Attainment area must be less than 27.4 tons per day.
2. In 2009 and subsequent years, NO<sub>x</sub> in the Connecticut portion of the New York-Northern New Jersey-Long Island Moderate Non-Attainment area must be less than 54.6 tons per day.
3. In 2009 and subsequent years, VOC in the Greater Connecticut Moderate Non-Attainment area must be less than 26.3 tons per day.
4. In 2009 and subsequent years, NO<sub>x</sub> in the Greater Connecticut Moderate Non-Attainment area must be less than 49.2 tons per day.

## **INTERAGENCY CONSULTATION**

An Interagency Consultation Meeting was held on November 14, 2011 to address the need to prepare an Air Quality Determination Analysis for this project. All Metropolitan Planning Organizations (MPO's), rural RPAs, FHWA, FTA, EPA, and CTDEP were

invited to review and comment on the project's Air Quality coding, analysis years to be modeled, and comments on the latest planning assumptions to be utilized for this conformity.

The project Air Quality coding is as follows:

M – Modeled in the Department's highway or transit networks

NM – Requires modeling and will be included into the Department's highway and transit networks prior to conformity analysis

NRS –a highway or transit project on a facility that does not serve regional needs or is not normally included in the regional travel simulation model and does not fit into an exempt project category in Table 2 or 3 of the Final Rule (40 CFR 93).

Exempt Project – a project listed in Table 2 or 3 of the Final Rule (40 CFR 93) that primarily enhances safety or aesthetics, maintains mass transit, continues current levels of ridesharing, or builds bicycle and pedestrian facilities.

X6 - Project exempt from the requirement to determine conformity under 40 CFR 93.126

X7 – Project exempt from regional emissions analysis requirements under 40 CFR 93.127

X8 – Traffic synchronization projects may be approved, funded and implemented without satisfying conformity requirements under 40 CFR 93.128

It was agreed at the Interagency Consultation Meeting that the 2005 vehicle registration data file would be adequate for this Conformity Determination, as the vehicle registration data file was not available for use in the air quality emissions model until July 2007.

A copy of the Interagency Consultation Meeting minutes is included in Appendix A. The

final emissions analysis was prepared and the report was distributed for the 30 day public comment period.

## **PUBLIC CONSULTATION**

As required by the Final Rule, the transportation conformity process must include public consultation on the emissions analysis and conformity determination for Ozone determinations. This includes posting of relevant documentation and analysis on a “clearinghouse” webpage maintained through the interagency consultation process. All MPOs in the Connecticut Ozone nonattainment area must provide thirty day public comment periods and address any comments received. For this Ozone transportation conformity determination, all Connecticut MPOs will hold a thirty day public comment period.

## **VMT and EMISSIONS ESTIMATES**

VMT estimates were developed from CTDOT's statewide network-based travel model. The 2010 travel model year, to the extent practical, represents all state highways and major connecting non-state streets and roads, as well as the rail, local bus, and express bus systems that currently exist. Future highway networks for 2012, 2015, 2020 and 2030 and transit networks for 2012, 2013, 2015, 2020 and 2030 were built by adding Statewide Transportation Improvement Program (STIP), TIP and LRTP projects (programmed for opening after 2010) to the 2010 network year. These networks were used to run travel models and conduct emissions analysis for the years 2015, 2025,

2035, and 2040. Projects for each model analysis year for which network changes were required are shown on Table 1 on the following page.

**TABLE 1: LIST OF NETWORK CHANGES**

<b><u>2015 NETWORK CHANGES</u></b>				
<b>REGION</b>	<b>PROJECT NO.</b>	<b>DESCRIPTION</b>	<b>LANES FROM</b>	<b>TO</b>
<b>HIGHWAY NAME</b>	<b>TOWN</b>			
<b>IMPROVEMENT</b>				
<b>CAPITOL</b>				
	0051-0260	Add EB Lane in Farmington Center. CCD 12/12/12 Long Range Plan.	1/1	2/1
	RT 4			
	FARMINGTON			
	ADD LANE			
	0063-XXXX	Rebuild interchange from half to full. Long Range Plan. EST CCD 3-30-2014	N/A	
	I84/FLATBUSH AVE.			
	HARTFORD			
	INTERCHANGE			
	0171-0305	From New Britain to Hartford, District 1 funding Hartford and New Britain. TIP CCD 8/14/2014	N/A	
	NEW BRITAIN-			
	HARTFORD			
	BUSWAY			
<b>CENTRAL CONNECTICUT</b>				
	0088-0160	Extension from South Main Street to Arch Street. Congressional earmark Est. Completion After 1-1-2013, TIP.	0/0	2/2
	HART STREET			
	NEW BRITAIN			
	NEW ROAD			
	0171-0305	From New Britain to Hartford, District 1 funding Hartford and New Britain. Long Range Plan CCD 8-14-2014	N/A	
	NEW BRITAIN-			
	HARTFORD			
	BUSWAY			
<b>CENTRAL NAUGATUCK VALLEY</b>				
	0151-0296	Homer St. / Chase Ave Waterville St. to Nottingham Terrace Long Range Plan, CCD 1-9-2013	1/1	2/2
	WATERBURY			
	WIDENING			
	0151-0297	Chase Ave. Nottingham Terrace to North Main Street Long Range Plan CCD 21/1/2014	1/1	2/2
	WATERBURY			
	WIDENING			
	0151-XXXX	Boyden Street Extension Construct new road from Bucks Hill Rd. to North Main St. Long Range Plan		
	BOYDEN ST			
	WATERBURY			
	EXTENSION			

**TABLE 1: LIST OF NETWORK CHANGES (CONT'D.)**

<b><u>2015 NETWORK CHANGES</u></b>				
<b>REGION</b>	<b>PROJECT NO.</b>	<b>DESCRIPTION</b>	<b>LANES FROM</b>	<b>TO</b>
<b>HIGHWAY NAME</b>	<b>TOWN</b>			
<b>IMPROVEMENT</b>				
<b>HOUSATONIC VALLEY</b>				
	0034-0313	Interchanges 6	3/3	4/4
	I-84	Long Range Plan CCD 2012		
	DANBURY, NEWTOWN, SOUTHBURY			
<b>SOUTH CENTRAL</b>				
	0092-0532	Q Bridge Replacement and demolition; Contract B	3/3	5/5
	I-95	CCD 6-30-15, TIP.		
	NEW HAVEN BRGE REPLACEMENT			
	0092-0614	Reconstruction of Route 34 to at grade Boulevard	N/A	
	Route 34	Long Range Plan		
	NEW HAVEN BOULEVARD			
	0098-0093	Major widening just east of Tilcon RR Bridge to	1/1	2/2
	CT 80	easterly leg of Route 22		
	NORTH BRANFORD WIDEN	11/2013, TIP		
<b>SOUTH WESTERN</b>				
	0102-0278	Add auxiliary lanes between Int. 14 and 15 (NB and	3/3	4/4
	I-95	SB) on I-95		
	NORWALK OPERATIONAL LANES	CCD 12-1-2014		
<b>VALLEY</b>				
	0036-0184	Main Street Derby from Bridge St to Rte 8 South	1/1	2/2
	ROUTE 34	Exit15 On/Off Ramps (Ansonio Dr)		
	DERBY MAJOR WIDENING	Long Range Plan. Nov 2014		
<b>WINDHAM</b>				
	0077-0215	Extension of existing Hillside Road to Route 44.	0/0	1/1
	HILLSIDE ROAD	Congressional earmark,		
	MANSFIELD NEW ROAD	Estimated 2015, TIP.		

**TABLE 1: LIST OF NETWORK CHANGES**

<b><u>2020 NETWORK CHANGES</u></b>				
<b>REGION</b>	<b>PROJECT NO.</b>	<b>DESCRIPTION</b>	<b>LANES</b>	
<b>HIGHWAY NAME</b>	<b>TOWN</b>		<b>FROM</b>	<b>TO</b>
<b>IMPROVEMENT</b>				
<b>CAPITOL</b>				
0051-0259		Interchange improvements at Routes 4, 6, and 9 including a new EB C/D Roadway	N/A	
I84/RT4/RT6		BID 12-31-08, CCD 2019, TIP.		
FARMINGTON				
INTERCHANGE BSWY				
0155-0156		Add an Operational Lane WB between Interchanges 42 & 39A; Add an Operational Lane EB between Interchanges 40 & 41	3/3	4/4
I-84		CCD 2018		
WEST HARTFORD				
OPERATIONAL				
LANES				
<b>GREATER BRIDGEPORT</b>				
0015-HXXX		Reconstruct and widen Route 130 from Stratford Avenue bridge to Yellow Mill bridge	1/1	2/2
RTE 130		Long Range Plan		
BRIDGEPORT				
WIDENING				
<b>SOUTH CENTRAL</b>				
0092-0531		Reconstruction of I-95/I91/Rte 34 Interchange	Varies	
I-95		Associated with Q-Bridge Replacement.		
NEW HAVEN		CCD 11-30-16, TIP.		
UPGRD				
EXPRESSWAY				
0092-0622		Contract E3 involves the construction of a two-lane connection between I-95 SB and I-91 NB. Associated with Q-Bridge Replacement. Breakout of Project	1/1	2/2
I-95		0092-0531		
NEW HAVEN		CCD 11-30-16, TIP.		
UPGRD				
EXPRESSWAY				
0092-0627		Reconstruction of I-95/I91/Rte 34 Interchange	3/3	5/5
I-95		Associated with Q-Bridge Replacement. 92-531 Breakout of Project 0092-0531		
NEW HAVEN		CCD 11-30-16, TIP.		
BRDG				
REPLACEMENT				

**TABLE 1: LIST OF NETWORK CHANGES (CONT'D.)**

		<b><u>2020 NETWORK CHANGES</u></b>		
<b>REGION</b>	<b>PROJECT NO.</b>	<b>DESCRIPTION</b>	<b>LANES</b>	
<b>HIGHWAY NAME</b>	<b>TOWN</b>		<b>FROM</b>	<b>TO</b>
<b>IMPROVEMENT</b>				
<b>VALLEY</b>				
0124-0165	ROUTE 67	**As of 2/15/2011 current scope from consultant is spot improvements for from Swan Ave to Franklin St	1/1	2/2
SEYMOUR	MAJOR WIDENING	Project Manager **Bank Street from West Street to North Main St is full scope being reviewed by consultant Long Range Plan		
0124-XXXX	ROUTE 8	Between Interchange 22 and 23; improve access.	N/A	
SEYMOUR	INTERCHANGE	Long Range Plan.		
0124-XXXX	ROUTE 8	Realign interchange with new extension of Derby Road.	N/A	
SEYMOUR	INTERCHANGE	Long Range Plan.		
0126-XXXX	ROUTE 8	Interchange 11 - Construct new SB entrance ramp,	N/A	
SHELTON	INTERCHANGE	Widen Bridgeport Ave. Long Range Plan.		
0126-XXXX	ROUTE 714	Between Huntington Ave. and Constitution Boulevard	1/1	2/2
SHELTON	MAJOR WIDENING	Long Range Plan.		



**TABLE 1: LIST OF NETWORK CHANGES**

<b><u>2030 NETWORK CHANGES</u></b>				
<b>REGION</b>	<b>PROJECT NO.</b>	<b>DESCRIPTION</b>	<b>LANES</b>	
<b>HIGHWAY NAME</b>	<b>TOWN</b>		<b>FROM</b>	<b>TO</b>
<b>IMPROVEMENT</b>				
<b>CAPITOL</b>				
VARIOUS TOWNS		New Haven/Hartford/Springfield Rail Service	N/A	
NEW COMMUTER		Governor's Transportation Initiative		
RAIL		Long Range Plan		
<b>CENTRAL CONNECTICUT</b>				
0109-XXXX		New Britain Ave. Cooke St. to Hooker St.	1/1	2/2
PLAINVILLE		Long Range Plan.		
ADD LANE				
VARIOUS TOWNS		New Haven/Hartford/Springfield Rail Service	N/A	
NEW COMMUTER		Governor's Transportation Initiative		
RAIL		Long Range Plan		
<b>CENTRAL NAUGATUCK VALLEY</b>				
0151-0273		Reconstruct Expressway and Operational	2/2	3/3
I-84		Improvements including Interchanges. Hamilton Ave.		
WATERBURY		to opposite Pierpoint		
UPGRD		BID 02-22-06, CCD 2021, TIP.		
EXPRESSWAY				
<b>HOUSATONIC VALLEY</b>				
0018-0124		South of Old State Road to Rt. 133.	1/1	2/2
US 202		Long Range Plan.		
BROOKFIELD				
WIDENING				
0034-0288		From Kenosia Avenue easterly to I-84 (Exit 4)	1/1	2/2
ROUTE 6		Long Range Plan		
DANBURY				
ADD LANES				
0034-H036		From Byron St. in Danbury to Plumtrees St. in	1/1	2/2
SR 806		Danbury; Long Range Plan.		
DANBURY				
MAJOR WIDENING				
0034-XXXX		From I-84 (Exit 2) East to Kenosia Avenue	1/1	2/2
ROUTE 6		Long Range Plan		
DANBURY				
ADD LANES				

**TABLE 1: LIST OF NETWORK CHANGES (CONT'D.)**

<b><u>2030 NETWORK CHANGES</u></b>				
<b>REGION</b>	<b>PROJECT NO.</b>	<b>DESCRIPTION</b>	<b>LANES</b>	
<b>HIGHWAY NAME</b>	<b>TOWN</b>		<b>FROM</b>	<b>TO</b>
<b>IMPROVEMENT</b>				
<b>HOUSATONIC VALLEY (CONT'D.)</b>				
0034-XXXX	ROUTE 37	From Route I-84 (Exit 6) Northerly to Jeanette Street	1/1	2/2
DANBURY		Long Range Plan		
ADD LANES				
0034-XXXX	I-84	Between Interchanges 3 and 4. Between	3/3	4/4
DANBURY,		Interchanges 12 and 13		
NEWTOWN,		Long Range Plan		
SOUTHBURY				
0034-XXXX		Widen Kenosia Ave from Backus Avenue to Vicinity	1/1	2/2
DANBURY		of Lake Kenosia		
ADD LANES		Long Range Plan		
0034-XXXX		Widen Backus Avenue from Kenosia Ave to Miry	1/1	2/2
DANBURY		Brook Road		
ADD LANES		Long Range Plan		
0034-XXXX	ROUTE 53	From South Street northerly to Boughton Street;	1/1	2/2
DANBURY		Long Range Plan.		
ADD LANES				
0034-XXXX	ROUTE 37	From Route 53(Main Street) to northerly to I-84 (Exit	1/1	2/2
DANBURY		6)		
ADD LANES		Long Range Plan		
0096-XXXX		New Road across Old Fairfield Hills Hospital		1/1
NEWTOWN		Campus, From Route 6 South to Route 860		
NEW ROAD		Long Range Plan		
WIDENING				
<b>SOUTH CENTRAL</b>				
0014-XXXX		East Haven TL to Alps Rd (Echlin Rd Private)	2/2	2/3
Rte1		Long Range Plan		
BRANFORD				
WIDENING				

**TABLE 1: LIST OF NETWORK CHANGES (CONT'D.)**

		<b><u>2030 NETWORK CHANGES</u></b>		
<b>REGION</b>	<b>PROJECT NO.</b>	<b>DESCRIPTION</b>	<b>LANES</b>	
<b>HIGHWAY NAME</b>			<b>FROM</b>	<b>TO</b>
<b>TOWN</b>				
<b>IMPROVEMENT</b>				
<b>SOUTH CENTRAL (CONT'D.)</b>				
	0014-XXXX Rte1 BRANFORD WIDENING	Rt 146 to Cedar St Long Range Plan	2/2	2/3
	0014-XXXX Rte1 BRANFORD WIDENING	Cedar St to East Main Long Range Plan	1/1	½
	0014-XXXX Rte1 BRANFORD WIDENING	East Main to 1-95 Exit 55 Long Range Plan	1/1	½
	0014-XXXX Rte1 BRANFORD WIDENING	I-95 Exit 55 to Leetes Island Rd Long Range Plan	1/1	½
	0059-XXXX BULLARD RD GUILFORD EXTENSION	Bullard Rd extension to Route 77 Long Range Plan		1/1
	0059-XXXX RTE 1 GUILFORD WIDENING	State Street to Tanner Marsh Rd. Long Range Plan.	1/1	½
	0061-XXXX RTE 10 HAMDEN WIDENING	Washington Ave to Rte 40 Long Range Plan	2/2	2/3
	0061-XXXX RTE 10 HAMDEN WIDENING	Rte 40 to Todd St Long Range Plan	2/2	2/3

**TABLE 1: LIST OF NETWORK CHANGES (CONT'D.)**

<b><u>2030 NETWORK CHANGES</u></b>			
<b>REGION</b>	<b>DESCRIPTION</b>	<b>LANES</b>	
<b>PROJECT NO.</b>		<b>FROM</b>	<b>TO</b>
<b>HIGHWAY NAME</b>			
<b>TOWN</b>			
<b>IMPROVEMENT</b>			
<b>SOUTH CENTRAL (CONT'D.)</b>			
0061-XXXX RTE 10 HAMDEN WIDENING	Todd St to Shepard Ave Long Range Plan	1/1	2/2
0061-XXXX RTE 10 HAMDEN WIDENING	River St to Cheshire TL Long Range Plan	1/1	2/2
0061-XXXX US 5 HAMDEN, NO.HAVEN WIDENING	Olds St (Hamden) to Sackett Point Rd. Long Range Plan.	1/1	2/2
0079-XXXX RTE 5 MERIDEN WIDENING	Wallingford TL to Olive St (Rt. 71). Long Range Plan	1/1	2/2
0083-XXXXb RTE 162 MILFORD WIDENING	From West of Old Gate Ln. to Gulf St./ Clark St. to US 1 Long Range Plan.	1/1	1/2
0092-0649 NEW HAVEN	Long Wharf access Plan Widen I-95(in separate project), Eliminate Long Wharf Drive to expand park, add new road from Long Wharf Drive Long Range Plan	Varies	
0092-XXXX RTE 69 NEW HAVEN, WOODBIDGE WIDENING	From Rte 63 to Landin St Long Range Plan.	1/1	2/2

**TABLE 1: LIST OF NETWORK CHANGES (CONT'D.)**

<b><u>2030 NETWORK CHANGES</u></b>			
<b>REGION</b>	<b>DESCRIPTION</b>	<b>LANES</b>	
<b>PROJECT NO.</b>		<b>FROM</b>	<b>TO</b>
<b>HIGHWAY NAME</b>			
<b>TOWN</b>			
<b>IMPROVEMENT</b>			
<b>SOUTH CENTRAL (CONT'D.)</b>			
0092-XXXX RTE 63 NEW HAVEN, WOODBIDGE WIDENING	From Dayton St (NH) to Landin St (Wdbg) Long Range Plan.	1/2	2/3
0098-XXXX RTE 80 NO. BRANFORD WIDENING	From East Haven TL to Doral Farms Rd and Rte 22 to Guilford TL Long Range Plan	1/1	1/2
0106-XXXX RTE 162 ORANGE WIDENING	From West Haven TL to US 1 Long Range Plan	1/1	2/2
0148-XXXX US 5 WALLINGFORD WIDENING	From South Orchard St. to Ward St. and Christian Rd. to Meriden TL Long Range Plan	1/1	2/2
0148-XXXX RTE 150 WALLINGFORD WIDENING	From Rte 71 overpass South of Old Colony Rd to Rte 68 Long Range Plan	1/1	1/2
0156-XXXX RTE 122 WEST HAVEN WIDENING	US 1 to Elm St Long Range Plan.	1/1	2/2
0156-XXXX RTE 1 WEST HAVEN WIDENING	Campbell Ave to Orange TL Long Range Plan.	2/2	2/3

**TABLE 1: LIST OF NETWORK CHANGES (CONT'D.)**

<b><u>2030 NETWORK CHANGES</u></b>			
<b>REGION</b>	<b>DESCRIPTION</b>	<b>LANES</b>	
<b>PROJECT NO.</b>		<b>FROM</b>	<b>TO</b>
<b>HIGHWAY NAME</b>			
<b>TOWN</b>			
<b>IMPROVEMENT</b>			
<b>SOUTH CENTRAL (CONT'D.)</b>			
0156-XXXX RTE 162 WEST HAVEN WIDENING	Elm St to Greta St. Long Range Plan.	2/2	3/3
0156-XXXX RTE 162 WEST HAVEN WIDENING	Bull Hill Ln to Orange TL Long Range Plan.	1/1	2/2
VARIOUS TOWNS NEW COMMUTER RAIL	New Haven/Hartford/Springfield Rail Service Governor's Transportation Initiative Long Range Plan	N/A	
<b>SOUTH WESTERN</b>			
0035-XXXX I-95 DARIEN/STAMFORD WIDENING	Add Lane from Stamford Exit 8 to Darien Exit 10, Operational Lane Long Range Plan	3/3	4/4
0102-0269 US 7/RT 15 NORWALK UPGRD EXPRESSWAY	Upgrade to full interchange at Merritt Parkway (Rt. 15). BID 01-09-08, CCD 2030, Long Range Plan	N/A	
0102-0297 EAST AVE #1 NORWALK WIDEN	East Avenue from the vicinity of the I-95 Ramps southerly to the vicinity of Van Zant Street Long Range Plan	1/1	2/2
0102-0312 US 7/RT 15 NORWALK UPGRD EXPRESSWAY	Reconstruction of Interchange 40 Merritt Parkway, and US 7(Main Ave.). Breakout of 0102-0269, PHASE 1 CCD 2030 Long Range Plan	N/A	

**TABLE 1: LIST OF NETWORK CHANGES (CONT'D.)**

<b><u>2030 NETWORK CHANGES</u></b>			
<b>REGION</b>	<b>PROJECT NO.</b>	<b>DESCRIPTION</b>	<b>LANES</b>
<b>HIGHWAY NAME</b>	<b>TOWN</b>		<b>FROM</b>
<b>IMPROVEMENT</b>			<b>TO</b>
<b>SOUTH WESTERN (CONT'D.)</b>			
	0102-XXXX NORWALK, GREENWICH BRT	Express Bus/BRT between Norwalk and Greenwich Long Range Plan	N/A
<b>VALLEY</b>			
	0036-0179 ROUTE 8 ANSONIA INTERCHANGE	Interchange 18 - Construct New NB entrance ramp. Long Range Plan	NA
	0036-XXXX ROUTE 8 DERBY INTERCHANGE	Rt. 8 Interchange 16 and 17; Construct new NB ramps. Close old ramps. Long Range Plan.	N/A
	0126-XXXX ROUTE 8 SHELTON INTERCHANGE	Interchange 14 - Construct new SB entrance ramp Long Range Plan.	N/A

In addition, the travel model incorporates the effect of the Employer Commute Options (ECO) Program in Southwest Connecticut (part of the Connecticut Portion of the NY-NJ-LI Moderate Non-Attainment area). In response to federal legislation, Connecticut has restructured the ECO Program to emphasize voluntary participation, combined with positive incentives, to encourage employees to rideshare, use transit, and continue to expand their trip reduction activities. This program has been made available to all employers. It is felt that this process is an effective means of achieving Connecticut's clean air targets. Funding for this effort under the Congestion Management Air Quality (CMAQ) Program is included in the TIP for FY 2012/15. It is estimated that this program, if fully successful, could reduce Vehicle Miles of Travel (VMT) and mobile source VOC emissions by two percent in Southwestern Connecticut.

It should be noted that TIP and LRTP projects which have negligible impact on trip distribution and/or highway capacity have not been incorporated into the network. These include, but are not limited to, geometric improvements of existing interchanges, short sections of climbing lanes, intersection improvements, transit projects dealing with equipment for existing facilities and vehicles, and transit operating assistance. Essentially, those projects that do not impact the travel demand forecasts are not included in the networks and/or analysis.

The network-based travel model used for this analysis is the model that CTDOT utilizes for transportation planning, programming and design requirements. This travel demand model uses demographic and land use assumptions which are based on 2000 Census population and population projections developed jointly by CTDOT and Connecticut's 15



RPOs. Employment data was updated in the fall of 2007 based upon State Data Center projections.

The model uses a constrained equilibrium approach to allocate trips among links. The model was calibrated using 2009 ground counts and 2009 Highway Performance Monitoring System (HPMS) Vehicle Miles of Travel data.

Peak hour directional traffic volumes were estimated as a percentage of the ADT on a link by link basis. Based on automatic traffic recorder data, 9.0 percent, 8.5 percent, 8.0 percent and 7.5 percent of the Average Daily Traffic (ADT) occurs during the four highest hours of the day. A 55:45 directional split was assumed. Hourly volumes were then converted to Service Flow Levels (SFL) and Volume to Capacity (V/C) ratios calculated as follows:

- $SFL = DHV/PHF*N$
- $VC = SFL / C$

where:

- DHV = Directional Hourly Volume
- PHF = Peak Hour Factor = .9
- N = Number of lanes
- C = Capacity of lane

Peak period speeds were estimated from the 2000 Highway Capacity Manual based on the design speed, facility class, area type and the calculated V/C ratio. On the

expressway system, Connecticut-based free flow speed data was available. This data was deemed more appropriate and superseded the capacity manual speed values. The expressway free flow speeds were updated in 2005.

For the off-peak hours, traffic volume is not the controlling factor for vehicle speed. Off-peak link speeds were based on the Highway Capacity Manual free flow speeds as a function of facility class and area type. As before, Connecticut-based speed data was substituted for expressway facilities and was updated in 2005.

Two special cases exist in the modeling process: centroid connectors and intrazonal trips.

Centroid connectors represent the local roads used to gain access to the model network from centers of activity in each traffic analysis zone (TAZ). A speed of 25 mph is assumed for these links.

Intrazonal trips are trips that are too short to get on to the model network. VMT for intrazonal trips is calculated based on the size of each individual TAZ. A speed of 20 to 24 mph is assumed for the peak period and 25 to 29 mph for the off-peak period.

The Daily Vehicle Miles of Travel (DVMT) is calculated using a methodology based on disaggregate speed, converted to summer and winter VMTs, and summarized by non-attainment area, functional class, and speed. The VMT and speed profiles developed by this process are then combined with the emission factors from the **MOBILE6.2** model to produce emission estimates for each scenario and time frame. VMT data, as well as the

**MOBILE6.2** input and output, may be found in the Appendix.

The following table shows the 2009 through 2040 DVMT, Action Emissions and Eight-Hour Budgets for Volatile Organic Compounds (VOC), and Nitrogen Oxides (NOX) resulting from this process.

**TABLE 2**

November 2011

**VMT - OZONE EMISSIONS - SIP BUDGETS  
SERIES 29C**

Year	Ozone Area	SERIES 29C			BUDGETS		DIFFERENCE	
		VMT	VOC	NOX	VOC	NOX	VOC	NOX
2009 S28I	Ct. Portion of NY-NJ-LI area	51,342,464	26.78	52.00	27.40	54.60	-0.62	-2.60
	Greater Ct. Portion	47,043,284	24.77	45.33	26.30	49.20	-1.53	-3.87
2015	Ct. Portion of NY-NJ-LI area	51,816,976	19.13	25.17	27.40	54.60	-8.27	-29.43
	Greater Ct. Portion	47,504,548	17.57	22.25	26.30	49.20	-8.73	-26.95
2025	Ct. Portion of NY-NJ-LI area	55,589,908	14.11	13.03	27.40	54.60	-13.29	-41.57
	Greater Ct. Portion	51,688,532	13.02	11.88	26.30	49.20	-13.28	-37.32
2035	Ct. Portion of NY-NJ-LI area	58,386,160	14.59	11.77	27.40	54.60	-12.81	-42.83
	Greater Ct. Portion	55,228,032	13.86	11.00	26.30	49.20	-12.44	-38.20
2040	Ct. Portion of NY-NJ-LI area	59,556,300	14.96	12.01	27.40	54.60	-12.44	-42.59
	Greater Ct. Portion	56,838,524	14.42	11.35	26.30	49.20	-11.88	-37.85

- NOTE:** 1. A small reduction in VMT and emissions in the Greater Connecticut area will occur from the ECO program in the Connecticut portion of the NY-NJ-LI area due to travel between the areas.  
 2. VMT represents SUMMER DAILY vehicle miles of travel.  
 3. VOC & NOX emissions are in tons per day and are calculated using Connecticut's vehicle mix.  
 4. HPMS 12 Functional Class system used.  
 5. National Low Emission Vehicle (NLEV) program included in 2008 and all future years.  
 6. Eight Hour Ozone emission budgets effective June 27, 2008.  
 7. Series 29C run with 20 Iteration equilibrium assignment.  
 8. Year 2009 VMT and emissions are based on Series 28I.

S29C\_OZ2.XLS

In all cases, the transportation program and plan meet the required conformity test:

- Action year emissions are less than approved 2009 budgets for VOX/NOX

This analysis in no way reflects the full benefit on air quality from the transportation plan and program. The network-based modeling process is capable of assessing the impact of major new highway or transit service. It does not reflect the impact from the many projects which are categorically excluded from the requirement of conformity. These projects include numerous improvements to intersections, which will allow traffic to flow more efficiently, thus reducing delay, fuel usage and emissions. The program also includes a significant number of miles of resurfacing. Studies have shown that smooth pavement reduces fuel consumption and the attendant CO and VOC emissions. Included in the TIP but not reflected in this analysis are many projects to maintain existing rail and bus systems. Without these projects, those systems could not offer a high level of service. With them, the mass transit systems function more efficiently, with improved safety, and provide a more dependable and aesthetically appealing service. These advantages will retain existing patrons and attract additional riders to the system. The technology to quantify the air quality benefits from these programs is not currently available.

As shown in this analysis, transportation emissions are declining dramatically and will continue to do so. This is primarily due to programs such as reformulated fuels, enhanced inspection and maintenance (I/M) programs, stage two vapor recovery (area source), and the low emissions vehicles (LEV) program. Changes in the transportation system will not

produce significant emission reductions because of the massive existing rail, bus, highway systems, and land development already in place. Change in these aspects is usually marginal, producing very small impacts.

## PM<sub>10</sub>

EPA previously designated the City of New Haven as non-attainment with respect to the National Ambient Air Quality Standards (NAAQS) for particulate matter with a nominal diameter of ten microns or less (PM<sub>10</sub>). The PM<sub>10</sub> non-attainment status in New Haven was a local problem stemming from activities of several businesses located in the Stiles Street section of the City. Numerous violations in the late 1980's and early 1990's of Section 22a-174-18 (Fugitive Dust) of CTDEP regulations in that section of the city led to a non-attainment designation (CTDEP, 1994: Narrative Connecticut Department of Environmental Protection, State Implementation Plan Revision For PM<sub>10</sub>, March 1994). Corrective actions were subsequently identified in the State Implementation Plan and implemented, with no violations of the PM<sub>10</sub> NAAQS since the mid-1990's.

All construction activities undertaken in the City of New Haven are required to be performed in compliance with Section 22a-174-18 (Control of Particulate "Emissions") of the CTDEP regulations. All reasonable available control measures must be implemented during construction to mitigate particulate matter emissions, including wind-blown fugitive dust, mud and dirt carry out, and re-entrained fugitive emission from mobile equipment. The projects contained in the STIP and Plans, designated within the City of New Haven, are expected to have little effect on the overall projected vehicle miles

of travel for the area and are not expected to cause significant additional airborne particulate matter to be generated. The transportation projects initiated in New Haven are not designed to enhance development in the area. Therefore, the projects undertaken in this area will not have a detrimental effect on PM<sub>10</sub> in New Haven.

On October 13, 2005, EPA published in the Federal Register (Vol. 70, No. 197), approval of a request by CTDEP for a Limited Maintenance Plan and redesignation of the New Haven Non-Attainment Area to attainment for the National Ambient Air Quality Standards for PM<sub>10</sub>. This direct final rule became effective on December 12, 2005.

As with limited maintenance plans for other pollutants, emissions budgets are considered to satisfy transportation conformity's "budget test". However, future "project level" conformity determination may require "hot spot" PM<sub>10</sub> analyses for new transportation projects with significant diesel traffic in accordance with EPA's Final Rule for "PM<sub>2.5</sub> and PM<sub>10</sub> Hot-Spot Analyses in Project-level Transportation Conformity Determinations for the New PM<sub>2.5</sub> and Existing PM<sub>10</sub> National Ambient Air Quality Standards" (71 FR 12467, March 10, 2006) which became effective on April 5, 2006.

## PM<sub>2.5</sub>

In December of 2004, EPA signed the final rulemaking notice to designate attainment and non-attainment areas with respect to the Fine Particles (PM<sub>2.5</sub>) National Ambient Air Quality Standards, becoming effective April 5, 2005. In Connecticut, Fairfield and New

Haven counties are included in the New York-Northern New Jersey-Long Island, NY-NJ-CT PM<sub>2.5</sub> non-attainment area. Transportation plans and transportation improvement programs (TIPS) for the tri-state non-attainment area were found to be collectively conforming as of November 2006. On June 20, 2007, PM<sub>2.5</sub> budgets were found to be adequate for the early progress SIP. The PM<sub>2.5</sub> Conformity Submittal is a separate document which currently includes data specific to Connecticut's five MPO's contained in that non-attainment area.

## MASTER TRANSPORTATION PLAN

Another criterion used to determine SIP conformity is the requirement that CTDOT make available its transportation plan to CTDEEP. Accordingly, a copy of CTDOT's 2011 Master Transportation Plan has been placed on CTDOT's website.

## TRANSPORTATION PLANNING WORK PROGRAM

CTDOT's FY 2011-2012 Transportation Planning Work Program contains a description of all planning efforts (including those related to air quality) to be sponsored or undertaken with federal assistance during FY 2011 and 2012. Included with this program are several tasks directly related to CTDOT's responsibilities under Connecticut's SIP for Air Quality. Additional functions, such as those supporting the preparation of project level conformity analysis, are funded under project related tasks. This work program is available at CTDOT for review.



## CONCLUSIONS

CTDOT has assessed its compliance with the applicable conformity criteria requirements of the 1990 CAAA. Based upon this analysis, it is concluded that all elements of CTDOT's transportation program, and the Regional Long-Range Plans conform to applicable SIP and 1990 CAAA Conformity Guidance criteria and the approved interim transportation conformity budgets.

In addition to the information required for a conformity determination, the following is attached:

- Appendix B: The VMT and **MOBILE6.2** tabulations for each analysis year
- Appendix C: The **MOBILE6.2** input data for each analysis year (Ozone)
- Appendix D: The **MOBILE6.2** output data for each analysis year (Ozone)

Travel and emission model files used in the calculation of the VMT and emissions are available. Requests for these files or any questions regarding the analysis contained in this document may be directed to:

Connecticut Department of Transportation  
Bureau of Policy and Planning  
Division of Systems Modeling and Forecasting – Unit 57521  
2800 Berlin Turnpike  
Newington, CT. 06111  
(860) 594-2032  
Email: [Judy.Raymond@ct.gov](mailto:Judy.Raymond@ct.gov)

## APPENDIX A

**INTERAGENCY CONSULTATION MEETING**  
**Transportation Improvement Programs**  
**Connecticut Department of Transportation**  
**Room 2324 - November 14, 2011 Webinar**

**Attendees:**

Donald Cooke – EPA  
Paul Bodner – DEP  
Paula Gomez – DEP  
Jennifer Carrier – CRCOG  
Ethan Abeles – CCRPA  
Carl Stephani - CCRPA  
Sam Gold – COGCNV  
Mark Nielson – GBRPA  
Dave Hannon – HVCEO  
Stephen Dudley –SCRCOG  
James Rode - SCRCOG  
Nicole Davis – SWRPA  
Richard Guggenheim – SECOG  
Dave Elder – VCOG  
Jean Davies - CRERPA  
Maribeth Wojenski – DOT  
Michael Connors – DOT  
Rose Etuka - DOT  
Grayson Wright – DOT  
Carla Iezzi - DOT  
Neil Ryan – DOT  
Judy Raymond - DOT  
Matthew Cegielski- DOT  
Justin Brunetti – DOT  
Ryan Dolan – DOT  
James Spencer - DOT

The Interagency Consultation Meeting was held to review projects submitted as part of the regions' Transportation Improvement Plans (TIPs).

Don Cooke requested that the definition of "NRS", not regionally significant be included in the reports narrative.

The transportation conformity analysis on the TIP projects will be completed within the next two weeks (November 28, 2011) and both the Ozone and PM 2.5 reports will be electronically distributed to the MPOs in the appropriate non-attainment areas, FTA,

FHWA, DEEP and EPA. The MPOs will need to hold a 30 day public comment and review period. At the end of this review period, the MPO will hold a Policy Board meeting to endorse the Air Quality Conformity determination.

There was also a brief discussion on the travel model and emissions software planning assumptions employed in the conformity analysis.

The schedule for the 2012-2015 TIP Conformity Determination Analysis is as follow:

- MPOs transmit signed and dated Concurrence Form to [judy.raymond@ct.gov](mailto:judy.raymond@ct.gov) by November 18, 2011.
- CTDOT Travel Demand Model Unit performs the air quality analysis and sends the Air Quality Conformity Determination Reports electronically to all MPOs by November 28, 2011.
- MPOs advertise and hold a 30-day public review and comment period for the Air Quality Conformity.
- MPOs hold a Policy Board meeting approving and endorsing the Air Quality Conformity.
- MPOs transmit resolution endorsing the Air Quality Conformity to [judy.raymond@ct.gov](mailto:judy.raymond@ct.gov) no later than January 2011.

It is important that all MPOs follow this schedule to ensure that the STIP/TIP Conformity Determinations can go forward on schedule.

**PLANNING ASSUMPTIONS**  
**Ozone and PM2.5**  
**Regions' Transportation Improvement Programs**  
**November 14, 2011**

<b>Planning Assumptions for Review</b>	<b>Frequency of Review*</b>	<b>Responsible Agency</b>	<b>Year of Data</b>
Socioeconomic Data	At least every 5 years	CTDOT	2005 data available in 2007
DMV Vehicle Registration Data	At least every 5 years	CTDEEP	2005 data available in 2007
State Vehicle Inspection and Maintenance Program	Each conformity round	CTDEEP	2005 Plus
State Low Emission Vehicle Program	Each conformity round following approval into the SIP	CTDEEP	Same as SIP
VMT Mix Data	At least every 5 years	CTDEEP	2008
Analysis Years	Each conformity round	CTDOT/CTDEEP	2015, 2025, 2035, 2040
Emission Budget	As SIP revised/updated	CTDEEP	2009
Temperatures and Humidity	As SIP revised/updated	CTDEEP	X
Control Strategies	Each conformity round	CTDEEP	X
HPMS VMT	Each conformity round	CTDOT	2009

\* Review of Planning Assumptions does not necessarily preclude an update or calibration of the travel demand model.

## APPENDIX B

### Ozone Emission Runs

M O B I L E 6.2  
 --- Ozone Emissions ---  
 NY/NJ/CT Area - Moderate 8 Hour

Facility	VOC (tons per day)	NOX (tons per day)	Summer VMT
Expressway	7.91	15.03	25283060.
Arterial/Collector	8.80	8.23	21668334.
Local	2.15	1.53	4083633.
Ramp	0.28	0.38	781950.
Totals (in tons per day)	19.13	25.17	51816976.
(Kilograms per day)	17313.59	22780.25	

Summer VMT Totals:

NY/NJ/CT Moderate Area	51816976.
Greater CT Moderate Area	47504548.
Statewide Total	99321528.

M O B I L E 6.2  
 --- Ozone Emissions ---  
 Greater Connecticut - Moderate 8 Hour

Facility	VOC (tons per day)	NOX	Summer VMT
Expressway	5.90	11.56	18901618.
Arterial/Collector	9.29	8.87	23963268.
Local	2.15	1.51	4005974.
Ramp	0.23	0.31	633689.
Totals (in tons per day)	17.57	22.25	47504548.
(Kilograms per day)	15900.35	20137.58	

Summer VMT Totals:

NY/NJ/CT Moderate Area	51816976.
Greater CT Moderate Area	47504548.
Statewide Total	99321528.



M O B I L E 6.2  
 --- Ozone Emissions ---  
 NY/NJ/CT Area - Moderate 8 Hour

Facility	VOC (tons per day)	NOX	Summer VMT
Expressway	5.51	6.92	26861732.
Arterial/Collector	6.73	5.01	23480884.
Local	1.67	0.91	4416517.
Ramp	0.19	0.20	830775.
Totals (in tons per day)	14.11	13.03	55589908.
(Kilograms per day)	12764.84	11796.15	

Summer VMT Totals:

NY/NJ/CT Moderate Area	55589908.
Greater CT Moderate Area	51688532.
Statewide Total	107278440.

M O B I L E 6.2  
 --- Ozone Emissions ---  
 Greater Connecticut - Moderate 8 Hour

Facility	VOC (tons per day)	NOX	Summer VMT
Expressway	4.10	5.36	20316872.
Arterial/Collector	7.05	5.44	26300072.
Local	1.70	0.91	4388009.
Ramp	0.16	0.16	683580.
Totals (in tons per day)	13.02	11.88	51688532.
(Kilograms per day)	11780.03	10750.08	

Summer VMT Totals:

NY/NJ/CT Moderate Area	55589908.
Greater CT Moderate Area	51688532.
Statewide Total	107278440.

M O B I L E 6.2  
 --- Ozone Emissions ---  
 NY/NJ/CT Area - Moderate 8 Hour

Facility	VOC (tons per day)	NOX	Summer VMT
Expressway	5.60	5.85	28036892.
Arterial/Collector	7.02	4.86	24756810.
Local	1.77	0.89	4725336.
Ramp	0.20	0.18	867121.
Totals (in tons per day)	14.59	11.77	58386160.
(Kilograms per day)	13202.50	10653.95	

Summer VMT Totals:

NY/NJ/CT Moderate Area	58386160.
Greater CT Moderate Area	55228032.
Statewide Total	113614192.

M O B I L E 6.2  
 --- Ozone Emissions ---  
 Greater Connecticut - Moderate 8 Hour

Facility	VOC (tons per day)	NOX	Summer VMT
Expressway	4.23	4.53	21403992.
Arterial/Collector	7.65	5.42	28356472.
Local	1.81	0.90	4752367.
Ramp	0.17	0.15	715203.
Totals (in tons per day)	13.86	11.00	55228032.
(Kilograms per day)	12540.10	9952.52	

Summer VMT Totals:

NY/NJ/CT Moderate Area	58386160.
Greater CT Moderate Area	55228032.
Statewide Total	113614192.

M O B I L E 6.2  
 --- Ozone Emissions ---  
 NY/NJ/CT Area - Moderate 8 Hour

Facility	VOC (tons per day)	NOX	Summer VMT
Expressway	5.69	5.92	28421824.
Arterial/Collector	7.25	5.00	25385760.
Local	1.82	0.91	4869692.
Ramp	0.20	0.18	879025.
Totals (in tons per day)	14.96	12.01	59556300.
(Kilograms per day)	13542.33	10866.37	

Summer VMT Totals:

NY/NJ/CT Moderate Area	59556300.
Greater CT Moderate Area	56838524.
Statewide Total	116394824.

M O B I L E 6.2  
 --- Ozone Emissions ---  
 Greater Connecticut - Moderate 8 Hour

Facility	VOC (tons per day)	NOX	Summer VMT
Expressway	4.31	4.60	21716296.
Arterial/Collector	8.06	5.67	29475484.
Local	1.88	0.93	4926144.
Ramp	0.17	0.15	720601.
Totals (in tons per day)	14.42	11.35	56838524.
(Kilograms per day)	13046.67	10268.78	

Summer VMT Totals:

NY/NJ/CT Moderate Area	59556300.
Greater CT Moderate Area	56838524.
Statewide Total	116394824.

## APPENDIX C

### MOBILE 6.2 Input Files

```

MOBILE6 INPUT FILE :
* For VOC and NOx Only
SPREADSHEET       :
DATABASE OUTPUT   :
POLLUTANTS        : HC NOX
DATABASE OPTIONS   : CTdb.opt

RUN DATA
> 2015 input file for DOT; created 9/4/03 PMB
> Updated for VMT fractions, new CTIM and speed files 10/05 jbr
>*****Fairfield Expressway *****

* Northeast NLEV inputs
94+ LDG IMP       : NLEVNE.D

* Fuel Data
FUEL PROGRAM      : 2 N
NO REFUELING      :

* Use 2002 registration age distribution data.
REG DIST          : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE     : CTIM05pl.d
ANTI-TAMP PROG    :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR       : CTHVMT.def
SPEED VMT         : z:\ser29c\2015\15svmt1s.cty
VMT BY FACILITY   : FCVMTF.CTY

* 2015 expressway/ramp VMT fractions
VMT FRACTIONS     :
0.3226  0.1020  0.3396  0.1046  0.0481  0.0262  0.0026  0.0021
0.0016  0.0059  0.0070  0.0075  0.0268  0.0013  0.0007  0.0014

SCENARIO RECORD   : Fairfield County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR     : 2015
EVALUATION MONTH  : 7
FUEL RVP          : 6.8

* Weather Data for SWCT NA area
MIN/MAX TEMP      : 66.5 91.6
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9
                   56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>*****Fairfield Arterials/Collectors *****

* Northeast NLEV inputs
94+ LDG IMP       : NLEVNE.D

* Fuel Data
FUEL PROGRAM      : 2 N
NO REFUELING      :

REG DIST          : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE     : CTIM05pl.d
ANTI-TAMP PROG    :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data

```



VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2015\15svmt1s.cty  
VMT BY FACILITY : FCVMTA.CTY

\* 2015 arterial/collector VMT fractions  
VMT FRACTIONS :  
0.3397 0.1074 0.3575 0.1101 0.0507 0.0084 0.0008 0.0007  
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD : Fairfield County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2015  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area  
MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*Fairfield Local \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2015\15svmt1s.cty  
VMT BY FACILITY : FCVMTL.CTY

\* 2015 local VMT fractions  
VMT FRACTIONS :  
0.3389 0.1071 0.3567 0.1099 0.0505 0.0088 0.0009 0.0007  
0.0005 0.0020 0.0023 0.0025 0.0090 0.0004 0.0002 0.0096

SCENARIO RECORD : Fairfield County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2015  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area  
MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*Fairfield Ramp \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2015\15svmt1s.cty  
VMT BY FACILITY : FVMTTR.CTY

\* 2015 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.3226 0.1020 0.3396 0.1046 0.0481 0.0262 0.0026 0.0021  
0.0016 0.0059 0.0070 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD : Fairfield County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2015  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area  
MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*Hartford Expressway \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2015\15svmt2s.cty  
VMT BY FACILITY : FVMTTF.CTY

\* 2015 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.3226 0.1020 0.3396 0.1046 0.0481 0.0262 0.0026 0.0021  
0.0016 0.0059 0.0070 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD : Hartford County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2015  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Hartford Arterials/Collectors \*\*\*\*\*

```

* Northeast NLEV inputs
94+ LDG IMP      : NLEVNE.D

* Fuel Data
FUEL PROGRAM    : 2 N
NO REFUELING    :

REG DIST       : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE  : CTIM05p1.d
ANTI-TAMP PROG :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR    : CTHVMT.def
SPEED VMT     : z:\ser29c\2015\15svmt2s.cty
VMT BY FACILITY : FCVMTA.CTY

* 2015 arterial/collector VMT fractions
VMT FRACTIONS :
0.3397 0.1074 0.3575 0.1101 0.0507 0.0084 0.0008 0.0007
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD : Hartford County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR   : 2015
EVALUATION MONTH : 7
FUEL RVP       : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP    : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
                  47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>*****Hartford Local *****

* Northeast NLEV inputs
94+ LDG IMP      : NLEVNE.D

* Fuel Data
FUEL PROGRAM    : 2 N
NO REFUELING    :

REG DIST       : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE  : CTIM05p1.d
ANTI-TAMP PROG :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR    : CTHVMT.def
SPEED VMT     : z:\ser29c\2015\15svmt2s.cty
VMT BY FACILITY : FCVMTL.CTY

* 2015 local VMT fractions
VMT FRACTIONS :
0.3389 0.1071 0.3567 0.1099 0.0505 0.0088 0.0009 0.0007
0.0005 0.0020 0.0023 0.0025 0.0090 0.0004 0.0002 0.0096

SCENARIO RECORD : Hartford County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR   : 2015
EVALUATION MONTH : 7
FUEL RVP       : 6.8

```

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Hartford Ramp \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :  
  
REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05p1.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2015\15svmt2s.cty  
VMT BY FACILITY : FCVMTR.CTY

\* 2015 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.3226 0.1020 0.3396 0.1046 0.0481 0.0262 0.0026 0.0021  
0.0016 0.0059 0.0070 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD : Hartford County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2015  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Litchfield Expressway \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :  
  
REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05p1.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2015\15svmt3s.cty  
VMT BY FACILITY : FCVMTF.CTY

\* 2015 expressway/ramp VMT fractions

VMT FRACTIONS :  
0.3226 0.1020 0.3396 0.1046 0.0481 0.0262 0.0026 0.0021  
0.0016 0.0059 0.0070 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD : Litchfield County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2015  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Litchfield Arterials/Collectors \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2015\15svmt3s.cty  
VMT BY FACILITY : FCVMTA.CTY

\* 2015 arterial/collector VMT fractions  
VMT FRACTIONS :  
0.3397 0.1074 0.3575 0.1101 0.0507 0.0084 0.0008 0.0007  
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD : Litchfield County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2015  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Litchfield Local \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests

I/M DESC FILE : CTIM05p1.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2015\15svmt3s.cty  
VMT BY FACILITY : FCVMTL.CTY

\* 2015 local VMT fractions  
VMT FRACTIONS :  
0.3389 0.1071 0.3567 0.1099 0.0505 0.0088 0.0009 0.0007  
0.0005 0.0020 0.0023 0.0025 0.0090 0.0004 0.0002 0.0096

SCENARIO RECORD : Litchfield County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2015  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Litchfield Ramp \*\*\*\*\*  
\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :  
  
REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05p1.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2015\15svmt3s.cty  
VMT BY FACILITY : FCVMTL.CTY

\* 2015 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.3226 0.1020 0.3396 0.1046 0.0481 0.0262 0.0026 0.0021  
0.0016 0.0059 0.0070 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD : Litchfield County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2015  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Middlesex Expressway \*\*\*\*\*  
\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data

```

FUEL PROGRAM      : 2 N
NO REFUELING      :

REG DIST          : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE     : CTIM05pl.d
ANTI-TAMP PROG    :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR       : CTHVMT.def
SPEED VMT         : z:\ser29c\2015\15svmt4s.cty
VMT BY FACILITY   : FCVMTF.CTY

* 2015 expressway/ramp VMT fractions
VMT FRACTIONS     :
0.3226 0.1020 0.3396 0.1046 0.0481 0.0262 0.0026 0.0021
0.0016 0.0059 0.0070 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD   : Middlesex County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR     : 2015
EVALUATION MONTH  : 7
FUEL RVP          : 6.8

* Weather Data for SWCT NA area
MIN/MAX TEMP      : 66.5 91.6
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9
                  56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>*****Middlesex Arterials/Collectors *****

* Northeast NLEV inputs
94+ LDG IMP       : NLEVNE.D

* Fuel Data
FUEL PROGRAM      : 2 N
NO REFUELING      :

REG DIST          : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE     : CTIM05pl.d
ANTI-TAMP PROG    :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR       : CTHVMT.def
SPEED VMT         : z:\ser29c\2015\15svmt4s.cty
VMT BY FACILITY   : FCVMTA.CTY

* 2015 arterial/collector VMT fractions
VMT FRACTIONS     :
0.3397 0.1074 0.3575 0.1101 0.0507 0.0084 0.0008 0.0007
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD   : Middlesex County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR     : 2015
EVALUATION MONTH  : 7
FUEL RVP          : 6.8

* Weather Data for SWCT NA area
MIN/MAX TEMP      : 66.5 91.6
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9
                  56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

```

END OF RUN

>\*\*\*\*\*Middlesex Local \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05p1.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2015\15svmt4s.cty  
VMT BY FACILITY : FCVMTL.CTY

\* 2015 local VMT fractions  
VMT FRACTIONS :  
0.3389 0.1071 0.3567 0.1099 0.0505 0.0088 0.0009 0.0007  
0.0005 0.0020 0.0023 0.0025 0.0090 0.0004 0.0002 0.0096

SCENARIO RECORD : Middlesex County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2015  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area  
MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*Middlesex Ramp \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05p1.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2015\15svmt4s.cty  
VMT BY FACILITY : FCVMTR.CTY

\* 2015 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.3226 0.1020 0.3396 0.1046 0.0481 0.0262 0.0026 0.0021  
0.0016 0.0059 0.0070 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD : Middlesex County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2



CALENDAR YEAR : 2015  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area  
MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*New Haven Expressway \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05p1.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2015\15svmt5s.cty  
VMT BY FACILITY : FCVMTF.CTY

\* 2015 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.3226 0.1020 0.3396 0.1046 0.0481 0.0262 0.0026 0.0021  
0.0016 0.0059 0.0070 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD : New Haven County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2015  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area  
MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*New Haven Arterials/Collectors \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05p1.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def

SPEED VMT : z:\ser29c\2015\15svmt5s.cty  
VMT BY FACILITY : FCVMTA.CTY

\* 2015 arterial/collector VMT fractions  
VMT FRACTIONS :  
0.3397 0.1074 0.3575 0.1101 0.0507 0.0084 0.0008 0.0007  
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD : New Haven County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2015  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area  
MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*New Haven Local \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2015\15svmt5s.cty  
VMT BY FACILITY : FCVMTL.CTY

\* 2015 local VMT fractions  
VMT FRACTIONS :  
0.3389 0.1071 0.3567 0.1099 0.0505 0.0088 0.0009 0.0007  
0.0005 0.0020 0.0023 0.0025 0.0090 0.0004 0.0002 0.0096

SCENARIO RECORD : New Haven County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2015  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area  
MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*New Haven Ramp \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2015\15svmt5S.cty  
VMT BY FACILITY : FVMT5.CTY

\* 2015 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.3226 0.1020 0.3396 0.1046 0.0481 0.0262 0.0026 0.0021  
0.0016 0.0059 0.0070 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD : New Haven County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2015  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area  
MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*New London Expressway \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2015\15svmt6s.cty  
VMT BY FACILITY : FVMT6.CTY

\* 2015 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.3226 0.1020 0.3396 0.1046 0.0481 0.0262 0.0026 0.0021  
0.0016 0.0059 0.0070 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD : New London County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2015  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*New London Arterials/Collectors \*\*\*\*\*

```

* Northeast NLEV inputs
94+ LDG IMP      : NLEVNE.D

* Fuel Data
FUEL PROGRAM    : 2 N
NO REFUELING    :

REG DIST       : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE  : CTIM05pl.d
ANTI-TAMP PROG :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR    : CTHVMT.def
SPEED VMT     : z:\ser29c\2015\15svmt6s.cty
VMT BY FACILITY : FCVMTA.CTY

* 2015 arterial/collector VMT fractions
VMT FRACTIONS :
0.3397 0.1074 0.3575 0.1101 0.0507 0.0084 0.0008 0.0007
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD : New London County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR   : 2015
EVALUATION MONTH : 7
FUEL RVP       : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP   : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
                  47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>*****New London Local *****

* Northeast NLEV inputs
94+ LDG IMP      : NLEVNE.D

* Fuel Data
FUEL PROGRAM    : 2 N
NO REFUELING    :

REG DIST       : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE  : CTIM05pl.d
ANTI-TAMP PROG :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR    : CTHVMT.def
SPEED VMT     : z:\ser29c\2015\15svmt6s.cty
VMT BY FACILITY : FCVMTL.CTY

* 2015 local VMT fractions
VMT FRACTIONS :
0.3389 0.1071 0.3567 0.1099 0.0505 0.0088 0.0009 0.0007
0.0005 0.0020 0.0023 0.0025 0.0090 0.0004 0.0002 0.0096

SCENARIO RECORD : New London County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR   : 2015
EVALUATION MONTH : 7
FUEL RVP       : 6.8

```

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*New London Ramp \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2015\15svmt6s.cty  
VMT BY FACILITY : FCMVTR.CTY

\* 2015 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.3226 0.1020 0.3396 0.1046 0.0481 0.0262 0.0026 0.0021  
0.0016 0.0059 0.0070 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD : New London County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2015  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Tolland Expressway \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2015\15svmt7s.cty  
VMT BY FACILITY : FCMVTF.CTY

\* 2015 expressway/ramp VMT fractions  
VMT FRACTIONS :

0.3226 0.1020 0.3396 0.1046 0.0481 0.0262 0.0026 0.0021  
0.0016 0.0059 0.0070 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD : Tolland County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2015  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Tolland Arterials/Collectors \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05p1.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2015\15svmt7s.cty  
VMT BY FACILITY : FCVMTA.CTY

\* 2015 arterial/collector VMT fractions  
VMT FRACTIONS :  
0.3397 0.1074 0.3575 0.1101 0.0507 0.0084 0.0008 0.0007  
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD : Tolland County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2015  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Tolland Local \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05p1.d  
ANTI-TAMP PROG :

83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2015\15svmt7s.cty  
VMT BY FACILITY : FCVMTL.CTY

\* 2015 local VMT fractions  
VMT FRACTIONS :  
0.3389 0.1071 0.3567 0.1099 0.0505 0.0088 0.0009 0.0007  
0.0005 0.0020 0.0023 0.0025 0.0090 0.0004 0.0002 0.0096

SCENARIO RECORD : Tolland County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2015  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Tolland Ramp \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :  
  
REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05p1.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2015\15svmt7s.cty  
VMT BY FACILITY : FCVMTR.CTY

\* 2015 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.3226 0.1020 0.3396 0.1046 0.0481 0.0262 0.0026 0.0021  
0.0016 0.0059 0.0070 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD : Tolland County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2015  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Windham Expressway \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

```

REG DIST          : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE    : CTIM05pl.d
ANTI-TAMP PROG   :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR      : CTHVMT.def
SPEED VMT        : z:\ser29c\2015\15svmt8s.cty
VMT BY FACILITY  : FCVMTF.CTY

* 2015 expressway/ramp VMT fractions
VMT FRACTIONS    :
0.3226 0.1020 0.3396 0.1046 0.0481 0.0262 0.0026 0.0021
0.0016 0.0059 0.0070 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD  : Windham County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR    : 2015
EVALUATION MONTH : 7
FUEL RVP         : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP     : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
                  47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>*****Windham Arterials/Collectors *****

* Northeast NLEV inputs
94+ LDG IMP      : NLEVNE.D

* Fuel Data
FUEL PROGRAM     : 2 N
NO REFUELING     :

REG DIST          : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE    : CTIM05pl.d
ANTI-TAMP PROG   :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR      : CTHVMT.def
SPEED VMT        : z:\ser29c\2015\15svmt8s.cty
VMT BY FACILITY  : FCVMTA.CTY

* 2015 arterial/collector VMT fractions
VMT FRACTIONS    :
0.3397 0.1074 0.3575 0.1101 0.0507 0.0084 0.0008 0.0007
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD  : Windham County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR    : 2015
EVALUATION MONTH : 7
FUEL RVP         : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP     : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
                  47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

```



```

>*****Windham Local *****
* Northeast NLEV inputs
94+ LDG IMP      : NLEVNE.D

* Fuel Data
FUEL PROGRAM     : 2 N
NO REFUELING     :

REG DIST        : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE   : CTIM05pl.d
ANTI-TAMP PROG  :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR     : CTHVMT.def
SPEED VMT       : z:\ser29c\2015\15svmt8s.cty
VMT BY FACILITY : FCVMTL.CTY

* 2015 local VMT fractions
VMT FRACTIONS   :
0.3389 0.1071 0.3567 0.1099 0.0505 0.0088 0.0009 0.0007
0.0005 0.0020 0.0023 0.0025 0.0090 0.0004 0.0002 0.0096

SCENARIO RECORD : Windham County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR   : 2015
EVALUATION MONTH : 7
FUEL RVP        : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP    : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
                  47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>*****Windham Ramp *****
* Northeast NLEV inputs
94+ LDG IMP      : NLEVNE.D

* Fuel Data
FUEL PROGRAM     : 2 N
NO REFUELING     :

REG DIST        : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE   : CTIM05pl.d
ANTI-TAMP PROG  :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR     : CTHVMT.def
SPEED VMT       : z:\ser29c\2015\15svmt8s.cty
VMT BY FACILITY : FCVMTR.CTY

* 2015 expressway/ramp VMT fractions
VMT FRACTIONS   :
0.3226 0.1020 0.3396 0.1046 0.0481 0.0262 0.0026 0.0021
0.0016 0.0059 0.0070 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD : Windham County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR   : 2015
EVALUATION MONTH : 7

```

FUEL RVP : 6.8

\* Weather Data for GRCT NA area

MIN/MAX TEMP : 67.7 95.5

RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

```

MOBILE6 INPUT FILE :
* For VOC and NOx Only
SPREADSHEET       :
DATABASE OUTPUT   :
POLLUTANTS        : HC NOX
DATABASE OPTIONS   : CTdb.opt

RUN DATA
> 2025 input file for DOT; created 9/4/03 PMB
> Updated for VMT fractions, new CTIM and speed files 10/05 jbr
>*****Fairfield Expressway *****

* Northeast NLEV inputs
94+ LDG IMP       : NLEVNE.D

* Fuel Data
FUEL PROGRAM      : 2 N
NO REFUELING      :

* Use 2002 registration age distribution data.
REG DIST          : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE     : CTIM05pl.d
ANTI-TAMP PROG    :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR       : CTHVMT.def
SPEED VMT         : z:\ser29c\2025\25svmt1s.cty
VMT BY FACILITY   : FCVMTF.CTY

* 2025 expressway/ramp VMT fractions
VMT FRACTIONS     :
0.2936  0.1070  0.3560  0.1097  0.0505  0.0262  0.0026  0.0022
0.0017  0.0059  0.0069  0.0075  0.0268  0.0013  0.0007  0.0014

SCENARIO RECORD   : Fairfield County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR     : 2025
EVALUATION MONTH  : 7
FUEL RVP          : 6.8

* Weather Data for SWCT NA area
MIN/MAX TEMP      : 66.5 91.6
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9
                   56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>*****Fairfield Arterials/Collectors *****

* Northeast NLEV inputs
94+ LDG IMP       : NLEVNE.D

* Fuel Data
FUEL PROGRAM      : 2 N
NO REFUELING      :

REG DIST          : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE     : CTIM05pl.d
ANTI-TAMP PROG    :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data

```

VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2025\25svmt1s.cty  
VMT BY FACILITY : FCVMTA.CTY

\* 2025 arterial/collector VMT fractions  
VMT FRACTIONS :  
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007  
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD : Fairfield County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2025  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area  
MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*Fairfield Local \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2025\25svmt1s.cty  
VMT BY FACILITY : FCVMTL.CTY

\* 2025 local VMT fractions  
VMT FRACTIONS :  
0.3087 0.1123 0.3738 0.1152 0.0530 0.0088 0.0009 0.0007  
0.0006 0.0020 0.0023 0.0025 0.0090 0.0004 0.0002 0.0096

SCENARIO RECORD : Fairfield County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2025  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area  
MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*Fairfield Ramp \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2025\25svmt1s.cty  
VMT BY FACILITY : FVMT1.CTY

\* 2025 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.2936 0.1070 0.3560 0.1097 0.0505 0.0262 0.0026 0.0022  
0.0017 0.0059 0.0069 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD : Fairfield County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2025  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area  
MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*Hartford Expressway \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2025\25svmt2s.cty  
VMT BY FACILITY : FVMT2.CTY

\* 2025 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.2936 0.1070 0.3560 0.1097 0.0505 0.0262 0.0026 0.0022  
0.0017 0.0059 0.0069 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD : Hartford County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2025  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Hartford Arterials/Collectors \*\*\*\*\*

```

* Northeast NLEV inputs
94+ LDG IMP      : NLEVNE.D

* Fuel Data
FUEL PROGRAM    : 2 N
NO REFUELING    :

REG DIST       : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE   : CTIM05p1.d
ANTI-TAMP PROG  :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR     : CTHVMT.def
SPEED VMT       : z:\ser29c\2025\25svmt2s.cty
VMT BY FACILITY : FCVMTA.CTY

* 2025 arterial/collector VMT fractions
VMT FRACTIONS   :
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD : Hartford County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR   : 2025
EVALUATION MONTH : 7
FUEL RVP        : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP    : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
                  47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>*****Hartford Local *****

* Northeast NLEV inputs
94+ LDG IMP      : NLEVNE.D

* Fuel Data
FUEL PROGRAM    : 2 N
NO REFUELING    :

REG DIST       : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE   : CTIM05p1.d
ANTI-TAMP PROG  :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR     : CTHVMT.def
SPEED VMT       : z:\ser29c\2025\25svmt2s.cty
VMT BY FACILITY : FCVMTL.CTY

* 2025 local VMT fractions
VMT FRACTIONS   :
0.3087 0.1123 0.3738 0.1152 0.0530 0.0088 0.0009 0.0007
0.0006 0.0020 0.0023 0.0025 0.0090 0.0004 0.0002 0.0096

SCENARIO RECORD : Hartford County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR   : 2025
EVALUATION MONTH : 7
FUEL RVP        : 6.8

```

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Hartford Ramp \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :  
  
REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05p1.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2025\25svmt2s.cty  
VMT BY FACILITY : FCVMTR.CTY

\* 2025 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.2936 0.1070 0.3560 0.1097 0.0505 0.0262 0.0026 0.0022  
0.0017 0.0059 0.0069 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD : Hartford County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2025  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Litchfield Expressway \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :  
  
REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05p1.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2025\25svmt3s.cty  
VMT BY FACILITY : FCVMTF.CTY

\* 2025 expressway/ramp VMT fractions

VMT FRACTIONS :  
0.2936 0.1070 0.3560 0.1097 0.0505 0.0262 0.0026 0.0022  
0.0017 0.0059 0.0069 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD : Litchfield County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2025  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Litchfield Arterials/Collectors \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2025\25svmt3s.cty  
VMT BY FACILITY : FCVMTA.CTY

\* 2025 arterial/collector VMT fractions  
VMT FRACTIONS :  
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007  
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD : Litchfield County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2025  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Litchfield Local \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.d



ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2025\25svmt3s.cty  
VMT BY FACILITY : FCVMTL.CTY

\* 2025 local VMT fractions  
VMT FRACTIONS :  
0.3087 0.1123 0.3738 0.1152 0.0530 0.0088 0.0009 0.0007  
0.0006 0.0020 0.0023 0.0025 0.0090 0.0004 0.0002 0.0096

SCENARIO RECORD : Litchfield County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2025  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Litchfield Ramp \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2025\25svmt3s.cty  
VMT BY FACILITY : FCVMTR.CTY

\* 2025 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.2936 0.1070 0.3560 0.1097 0.0505 0.0262 0.0026 0.0022  
0.0017 0.0059 0.0069 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD : Litchfield County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2025  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Middlesex Expressway \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N

```

NO REFUELING      :

REG DIST          : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE    : CTIM05pl.d
ANTI-TAMP PROG   :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR      : CTHVMT.def
SPEED VMT        : z:\ser29c\2025\25svmt4s.cty
VMT BY FACILITY  : FVMTF.CTY

* 2025 expressway/ramp VMT fractions
VMT FRACTIONS    :
0.2936 0.1070 0.3560 0.1097 0.0505 0.0262 0.0026 0.0022
0.0017 0.0059 0.0069 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD  : Middlesex County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR    : 2025
EVALUATION MONTH : 7
FUEL RVP         : 6.8

* Weather Data for SWCT NA area
MIN/MAX TEMP     : 66.5 91.6
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9
                  56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>*****Middlesex Arterials/Collectors *****

* Northeast NLEV inputs
94+ LDG IMP      : NLEVNE.D

* Fuel Data
FUEL PROGRAM     : 2 N
NO REFUELING     :

REG DIST         : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE    : CTIM05pl.d
ANTI-TAMP PROG   :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR      : CTHVMT.def
SPEED VMT        : z:\ser29c\2025\25svmt4s.cty
VMT BY FACILITY  : FVMTA.CTY

* 2025 arterial/collector VMT fractions
VMT FRACTIONS    :
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD  : Middlesex County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR    : 2025
EVALUATION MONTH : 7
FUEL RVP         : 6.8

* Weather Data for SWCT NA area
MIN/MAX TEMP     : 66.5 91.6
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9
                  56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

```

END OF RUN

>\*\*\*\*\*Middlesex Local \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2025\25svmt4s.cty  
VMT BY FACILITY : FCVMTL.CTY

\* 2025 local VMT fractions  
VMT FRACTIONS :  
0.3087 0.1123 0.3738 0.1152 0.0530 0.0088 0.0009 0.0007  
0.0006 0.0020 0.0023 0.0025 0.0090 0.0004 0.0002 0.0096

SCENARIO RECORD : Middlesex County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2025  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area  
MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*Middlesex Ramp \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2025\25svmt4s.cty  
VMT BY FACILITY : FCVMTL.CTY

\* 2025 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.2936 0.1070 0.3560 0.1097 0.0505 0.0262 0.0026 0.0022  
0.0017 0.0059 0.0069 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD : Middlesex County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2025

EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area  
MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*New Haven Expressway \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2025\25svmt5s.cty  
VMT BY FACILITY : FCVMTF.CTY

\* 2025 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.2936 0.1070 0.3560 0.1097 0.0505 0.0262 0.0026 0.0022  
0.0017 0.0059 0.0069 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD : New Haven County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2025  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area  
MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*New Haven Arterials/Collectors \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2025\25svmt5s.cty

VMT BY FACILITY : FCVMTA.CTY

\* 2025 arterial/collector VMT fractions

VMT FRACTIONS :  
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007  
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD : New Haven County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2025  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area

MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*New Haven Local \*\*\*\*\*

\* Northeast NLEV inputs

94+ LDG IMP : NLEVNE.D

\* Fuel Data

FUEL PROGRAM : 2 N

NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests

I/M DESC FILE : CTIM05pl.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data

VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2025\25svmt5s.cty  
VMT BY FACILITY : FCVMTL.CTY

\* 2025 local VMT fractions

VMT FRACTIONS :  
0.3087 0.1123 0.3738 0.1152 0.0530 0.0088 0.0009 0.0007  
0.0006 0.0020 0.0023 0.0025 0.0090 0.0004 0.0002 0.0096

SCENARIO RECORD : New Haven County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2025  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area

MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*New Haven Ramp \*\*\*\*\*

\* Northeast NLEV inputs

94+ LDG IMP : NLEVNE.D

\* Fuel Data

FUEL PROGRAM : 2 N

NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2025\25svmt5s.cty  
VMT BY FACILITY : FCMVTR.CTY

\* 2025 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.2936 0.1070 0.3560 0.1097 0.0505 0.0262 0.0026 0.0022  
0.0017 0.0059 0.0069 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD : New Haven County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2025  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area  
MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*New London Expressway \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :  
REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2025\25svmt6s.cty  
VMT BY FACILITY : FCMVTF.CTY

\* 2025 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.2936 0.1070 0.3560 0.1097 0.0505 0.0262 0.0026 0.0022  
0.0017 0.0059 0.0069 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD : New London County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2025  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*New London Arterials/Collectors \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

```

* Fuel Data
FUEL PROGRAM      : 2 N
NO REFUELING      :

REG DIST          : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE     : CTIM05pl.d
ANTI-TAMP PROG    :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR       : CTHVMT.def
SPEED VMT         : z:\ser29c\2025\25svmt6s.cty
VMT BY FACILITY   : FCVMTA.CTY

* 2025 arterial/collector VMT fractions
VMT FRACTIONS     :
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD   : New London County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR     : 2025
EVALUATION MONTH  : 7
FUEL RVP          : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP      : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
                  : 47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>*****New London Local *****

* Northeast NLEV inputs
94+ LDG IMP       : NLEVNE.D

* Fuel Data
FUEL PROGRAM      : 2 N
NO REFUELING      :

REG DIST          : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE     : CTIM05pl.d
ANTI-TAMP PROG    :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR       : CTHVMT.def
SPEED VMT         : z:\ser29c\2025\25svmt6s.cty
VMT BY FACILITY   : FCVMTL.CTY

* 2025 local VMT fractions
VMT FRACTIONS     :
0.3087 0.1123 0.3738 0.1152 0.0530 0.0088 0.0009 0.0007
0.0006 0.0020 0.0023 0.0025 0.0090 0.0004 0.0002 0.0096

SCENARIO RECORD   : New London County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR     : 2025
EVALUATION MONTH  : 7
FUEL RVP          : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP      : 67.7 95.5

```

RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*New London Ramp \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2025\25svmt6s.cty  
VMT BY FACILITY : FCVMTR.CTY

\* 2025 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.2936 0.1070 0.3560 0.1097 0.0505 0.0262 0.0026 0.0022  
0.0017 0.0059 0.0069 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD : New London County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2025  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Tolland Expressway \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2025\25svmt7s.cty  
VMT BY FACILITY : FCVMTF.CTY

\* 2025 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.2936 0.1070 0.3560 0.1097 0.0505 0.0262 0.0026 0.0022  
0.0017 0.0059 0.0069 0.0075 0.0268 0.0013 0.0007 0.0014



SCENARIO RECORD : Tolland County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2025  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Tolland Arterials/Collectors \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05p1.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2025\25svmt7s.cty  
VMT BY FACILITY : FCVMTA.CTY

\* 2025 arterial/collector VMT fractions  
VMT FRACTIONS :  
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007  
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD : Tolland County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2025  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Tolland Local \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05p1.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

```

* VMT Data
VMT BY HOUR      : CTHVMT.def
SPEED VMT       : z:\ser29c\2025\25svmt7s.cty
VMT BY FACILITY  : FCVMTL.CTY

* 2025 local VMT fractions
VMT FRACTIONS   :
0.3087  0.1123  0.3738  0.1152  0.0530  0.0088  0.0009  0.0007
0.0006  0.0020  0.0023  0.0025  0.0090  0.0004  0.0002  0.0096

SCENARIO RECORD  : Tolland County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR   : 2025
EVALUATION MONTH : 7
FUEL RVP        : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP    : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
                  47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

```

END OF RUN

>\*\*\*\*\*Tolland Ramp \*\*\*\*\*

```

* Northeast NLEV inputs
94+ LDG IMP      : NLEVNE.D

```

```

* Fuel Data
FUEL PROGRAM     : 2 N
NO REFUELING     :

REG DIST         : CTREG05.D

```

EXPRESS HC AS VOC :

```

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE   : CTIM05pl.d
ANTI-TAMP PROG  :
83 71 50 22222 21111111 1 12 096. 12111112

```

```

* VMT Data
VMT BY HOUR      : CTHVMT.def
SPEED VMT       : z:\ser29c\2025\25svmt7s.cty
VMT BY FACILITY  : FCVMTR.CTY

```

```

* 2025 expressway/ramp VMT fractions
VMT FRACTIONS   :
0.2936  0.1070  0.3560  0.1097  0.0505  0.0262  0.0026  0.0022
0.0017  0.0059  0.0069  0.0075  0.0268  0.0013  0.0007  0.0014

```

```

SCENARIO RECORD  : Tolland County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR   : 2025
EVALUATION MONTH : 7
FUEL RVP        : 6.8

```

```

* Weather Data for GRCT NA area
MIN/MAX TEMP    : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
                  47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

```

END OF RUN

>\*\*\*\*\*Windham Expressway \*\*\*\*\*

```

* Northeast NLEV inputs
94+ LDG IMP      : NLEVNE.D

```

```

* Fuel Data
FUEL PROGRAM     : 2 N
NO REFUELING     :

REG DIST         : CTREG05.D

```

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2025\25svmt8s.cty  
VMT BY FACILITY : FCVMTF.CTY

\* 2025 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.2936 0.1070 0.3560 0.1097 0.0505 0.0262 0.0026 0.0022  
0.0017 0.0059 0.0069 0.0075 0.0268 0.0013 0.0007 0.0014

SCENARIO RECORD : Windham County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2025  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Windham Arterials/Collectors \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.d  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2025\25svmt8s.cty  
VMT BY FACILITY : FCVMTA.CTY

\* 2025 arterial/collector VMT fractions  
VMT FRACTIONS :  
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007  
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD : Windham County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2025  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Windham Local \*\*\*\*\*

```

* Northeast NLEV inputs
94+ LDG IMP      : NLEVNE.D

* Fuel Data
FUEL PROGRAM    : 2 N
NO REFUELING    :

REG DIST       : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE   : CTIM05pl.d
ANTI-TAMP PROG  :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR     : CTHVMT.def
SPEED VMT      : z:\ser29c\2025\25svmt8s.cty
VMT BY FACILITY : FCVMTL.CTY

* 2025 local VMT fractions
VMT FRACTIONS  :
0.3087  0.1123  0.3738  0.1152  0.0530  0.0088  0.0009  0.0007
0.0006  0.0020  0.0023  0.0025  0.0090  0.0004  0.0002  0.0096

SCENARIO RECORD : Windham County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR   : 2025
EVALUATION MONTH : 7
FUEL RVP       : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP    : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
                  47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>*****Windham Ramp *****
* Northeast NLEV inputs
94+ LDG IMP      : NLEVNE.D

* Fuel Data
FUEL PROGRAM    : 2 N
NO REFUELING    :

REG DIST       : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE   : CTIM05pl.D
ANTI-TAMP PROG  :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR     : CTHVMT.def
SPEED VMT      : z:\ser29c\2025\25svmt8s.cty
VMT BY FACILITY : FCVMTR.CTY

* 2025 expressway/ramp VMT fractions
VMT FRACTIONS  :
0.2936  0.1070  0.3560  0.1097  0.0505  0.0262  0.0026  0.0022
0.0017  0.0059  0.0069  0.0075  0.0268  0.0013  0.0007  0.0014

SCENARIO RECORD : Windham County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR   : 2025
EVALUATION MONTH : 7
FUEL RVP       : 6.8

```

\* Weather Data for GRCT NA area

MIN/MAX TEMP : 67.7 95.5

RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

```

MOBILE6 INPUT FILE :
* For VOC and NOx Only
SPREADSHEET       :
DATABASE OUTPUT   :
POLLUTANTS        : HC NOX
DATABASE OPTIONS   : CTdb.opt

RUN DATA
> 2035 input file for DOT; created 08/17/06 JBR
> Updated for VMT fractions, new CTIM and speed files 10/05 jbr
>*****Fairfield Expressway *****

* Northeast NLEV inputs
94+ LDG IMP       : NLEVNE.D

* Fuel Data
FUEL PROGRAM      : 2 N
NO REFUELING      :

* Use 2002 registration age distribution data.
REG DIST          : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE     : CTIM05p1.D
ANTI-TAMP PROG    :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR       : CTHVMT.def
SPEED VMT         : z:\ser29c\2035\35svmt1s.cty
VMT BY FACILITY   : FCVMTF.CTY

* 2035 expressway/ramp VMT fractions
VMT FRACTIONS     :
0.2938 0.1070 0.3561 0.1097 0.0505 0.0261 0.0026 0.0022
0.0016 0.0059 0.0069 0.0075 0.0267 0.0013 0.0007 0.0014

SCENARIO RECORD   : Fairfield County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR     : 2035
EVALUATION MONTH  : 7
FUEL RVP          : 6.8

* Weather Data for SWCT NA area
MIN/MAX TEMP      : 66.5 91.6
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9
                  56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>*****Fairfield Arterials/Collectors *****

* Northeast NLEV inputs
94+ LDG IMP       : NLEVNE.D

* Fuel Data
FUEL PROGRAM      : 2 N
NO REFUELING      :

REG DIST          : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE     : CTIM05p1.D
ANTI-TAMP PROG    :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data

```

VMT BY HOUR : CTHVMT.def  
SPEED VMT : Z:\ser29c\2035\35svmt1s.cty  
VMT BY FACILITY : FCVMTA.CTY

\* 2035 arterial/collector VMT fractions  
VMT FRACTIONS :  
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007  
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD : Fairfield County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2035  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area  
MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*Fairfield Local \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2035\35svmt1s.cty  
VMT BY FACILITY : FCVMTL.CTY

\* 2035 local VMT fractions  
VMT FRACTIONS :  
0.3087 0.1123 0.3738 0.1152 0.0530 0.0088 0.0009 0.0007  
0.0006 0.0020 0.0023 0.0025 0.0090 0.0004 0.0002 0.0096

SCENARIO RECORD : Fairfield County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2035  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area  
MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*Fairfield Ramp \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2035\35svmt1s.cty  
VMT BY FACILITY : FVMT1.CTY

\* 2035 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.2938 0.1070 0.3561 0.1097 0.0505 0.0261 0.0026 0.0022  
0.0016 0.0059 0.0069 0.0075 0.0267 0.0013 0.0007 0.0014

SCENARIO RECORD : Fairfield County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2035  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area  
MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*Hartford Expressway \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2035\35svmt2s.cty  
VMT BY FACILITY : FVMT2.CTY

\* 2035 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.2938 0.1070 0.3561 0.1097 0.0505 0.0261 0.0026 0.0022  
0.0016 0.0059 0.0069 0.0075 0.0267 0.0013 0.0007 0.0014

SCENARIO RECORD : Hartford County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2035  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Hartford Arterials/Collectors \*\*\*\*\*



```

* Northeast NLEV inputs
94+ LDG IMP      : NLEVNE.D

* Fuel Data
FUEL PROGRAM    : 2 N
NO REFUELING    :

REG DIST       : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE  : CTIM05p1.D
ANTI-TAMP PROG :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR    : CTHVMT.def
SPEED VMT      : z:\ser29c\2035\35svmt2s.cty
VMT BY FACILITY : FCVMTA.CTY

* 2035 arterial/collector VMT fractions
VMT FRACTIONS  :
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD : Hartford County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR   : 2035
EVALUATION MONTH : 7
FUEL RVP        : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP    : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
                  47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>*****Hartford Local *****

* Northeast NLEV inputs
94+ LDG IMP      : NLEVNE.D

* Fuel Data
FUEL PROGRAM    : 2 N
NO REFUELING    :

REG DIST       : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE  : CTIM05p1.D
ANTI-TAMP PROG :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR    : CTHVMT.def
SPEED VMT      : z:\ser29c\2035\35svmt2s.cty
VMT BY FACILITY : FCVMTL.CTY

* 2035 local VMT fractions
VMT FRACTIONS  :
0.3087 0.1123 0.3738 0.1152 0.0530 0.0088 0.0009 0.0007
0.0006 0.0020 0.0023 0.0025 0.0090 0.0004 0.0002 0.0096

SCENARIO RECORD : Hartford County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR   : 2035
EVALUATION MONTH : 7
FUEL RVP        : 6.8

```

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Hartford Ramp \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :  
  
REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05p1.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2035\35svmt2s.cty  
VMT BY FACILITY : FCVMTR.CTY

\* 2035 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.2938 0.1070 0.3561 0.1097 0.0505 0.0261 0.0026 0.0022  
0.0016 0.0059 0.0069 0.0075 0.0267 0.0013 0.0007 0.0014

SCENARIO RECORD : Hartford County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2035  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Litchfield Expressway \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :  
  
REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05p1.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2035\35svmt3s.cty  
VMT BY FACILITY : FCVMTF.CTY

\* 2035 expressway/ramp VMT fractions

VMT FRACTIONS :  
0.2938 0.1070 0.3561 0.1097 0.0505 0.0261 0.0026 0.0022  
0.0016 0.0059 0.0069 0.0075 0.0267 0.0013 0.0007 0.0014

SCENARIO RECORD : Litchfield County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2035  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Litchfield Arterials/Collectors \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2035\35svmt3s.cty  
VMT BY FACILITY : FCVMTA.CTY

\* 2035 arterial/collector VMT fractions  
VMT FRACTIONS :  
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007  
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD : Litchfield County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2035  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Litchfield Local \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.D

ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : Z:\ser29c\2035\35svmt3s.cty  
VMT BY FACILITY : FCVMTL.CTY

\* 2035 local VMT fractions  
VMT FRACTIONS :  
0.3087 0.1123 0.3738 0.1152 0.0530 0.0088 0.0009 0.0007  
0.0006 0.0020 0.0023 0.0025 0.0090 0.0004 0.0002 0.0096

SCENARIO RECORD : Litchfield County 2020 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2035  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Litchfield Ramp \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05p1.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2035\35svmt3s.cty  
VMT BY FACILITY : FCVMTR.CTY

\* 2035 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.2938 0.1070 0.3561 0.1097 0.0505 0.0261 0.0026 0.0022  
0.0016 0.0059 0.0069 0.0075 0.0267 0.0013 0.0007 0.0014

SCENARIO RECORD : Litchfield County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2035  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Middlesex Expressway \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data

```

FUEL PROGRAM      : 2 N
NO REFUELING      :

REG DIST          : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE     : CTIM05pl.D
ANTI-TAMP PROG    :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR       : CTHVMT.def
SPEED VMT         : z:\ser29c\2035\35svmt4s.cty
VMT BY FACILITY   : FCVMTF.CTY

* 2035 expressway/ramp VMT fractions
VMT FRACTIONS     :
0.2938 0.1070 0.3561 0.1097 0.0505 0.0261 0.0026 0.0022
0.0016 0.0059 0.0069 0.0075 0.0267 0.0013 0.0007 0.0014

SCENARIO RECORD   : Middlesex County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR     : 2035
EVALUATION MONTH  : 7
FUEL RVP          : 6.8

* Weather Data for SWCT NA area
MIN/MAX TEMP      : 66.5 91.6
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9
                  : 56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>*****Middlesex Arterials/Collectors *****

* Northeast NLEV inputs
94+ LDG IMP       : NLEVNE.D

* Fuel Data
FUEL PROGRAM      : 2 N
NO REFUELING      :

REG DIST          : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE     : CTIM05pl.D
ANTI-TAMP PROG    :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR       : CTHVMT.def
SPEED VMT         : z:\ser29c\2035\35svmt4s.cty
VMT BY FACILITY   : FCVMTA.CTY

* 2035 arterial/collector VMT fractions
VMT FRACTIONS     :
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD   : Middlesex County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR     : 2035
EVALUATION MONTH  : 7
FUEL RVP          : 6.8

* Weather Data for SWCT NA area
MIN/MAX TEMP      : 66.5 91.6
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9

```

56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*Middlesex Local \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2035\35svmt4s.cty  
VMT BY FACILITY : FCVMTL.CTY

\* 2035 local VMT fractions  
VMT FRACTIONS :  
0.3087 0.1123 0.3738 0.1152 0.0530 0.0088 0.0009 0.0007  
0.0006 0.0020 0.0023 0.0025 0.0090 0.0004 0.0002 0.0096

SCENARIO RECORD : Middlesex County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2035  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area  
MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*Middlesex Ramp \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2035\35svmt4s.cty  
VMT BY FACILITY : FCVMTR.CTY

\* 2035 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.2938 0.1070 0.3561 0.1097 0.0505 0.0261 0.0026 0.0022  
0.0016 0.0059 0.0069 0.0075 0.0267 0.0013 0.0007 0.0014

SCENARIO RECORD : Middlesex County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2035  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area  
MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*New Haven Expressway \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2035\35svmt5s.cty  
VMT BY FACILITY : FCVMTF.CTY

\* 2035 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.2938 0.1070 0.3561 0.1097 0.0505 0.0261 0.0026 0.0022  
0.0016 0.0059 0.0069 0.0075 0.0267 0.0013 0.0007 0.0014

SCENARIO RECORD : New Haven County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2035  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area  
MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*New Haven Arterials/Collectors \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data

VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2035\35svmt5s.cty  
VMT BY FACILITY : FCVMTA.CTY

\* 2035 arterial/collector VMT fractions  
VMT FRACTIONS :  
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007  
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD : New Haven County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2035  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area  
MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*New Haven Local \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2035\35svmt5s.cty  
VMT BY FACILITY : FCVMTL.CTY

\* 2035 local VMT fractions  
VMT FRACTIONS :  
0.3087 0.1123 0.3738 0.1152 0.0530 0.0088 0.0009 0.0007  
0.0006 0.0020 0.0023 0.0025 0.0090 0.0004 0.0002 0.0096

SCENARIO RECORD : New Haven County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2035  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area  
MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*New Haven Ramp \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D



EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2035\35svmt5s.cty  
VMT BY FACILITY : FVMT5.CTY

\* 2035 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.2938 0.1070 0.3561 0.1097 0.0505 0.0261 0.0026 0.0022  
0.0016 0.0059 0.0069 0.0075 0.0267 0.0013 0.0007 0.0014

SCENARIO RECORD : New Haven County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2035  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area  
MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*New London Expressway \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2035\35svmt6s.cty  
VMT BY FACILITY : FVMT6.CTY

\* 2035 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.2938 0.1070 0.3561 0.1097 0.0505 0.0261 0.0026 0.0022  
0.0016 0.0059 0.0069 0.0075 0.0267 0.0013 0.0007 0.0014

SCENARIO RECORD : New London County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2035  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*New London Arterials/Collectors \*\*\*\*\*

```

* Northeast NLEV inputs
94+ LDG IMP      : NLEVNE.D

* Fuel Data
FUEL PROGRAM    : 2 N
NO REFUELING    :

REG DIST       : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE  : CTIM05pl.D
ANTI-TAMP PROG :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR    : CTHVMT.def
SPEED VMT     : z:\ser29c\2035\35svmt6s.cty
VMT BY FACILITY : FCVMTA.CTY

* 2035 arterial/collector VMT fractions
VMT FRACTIONS :
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD : New London County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR   : 2035
EVALUATION MONTH : 7
FUEL RVP       : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP    : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
                  47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>*****New London Local *****

* Northeast NLEV inputs
94+ LDG IMP      : NLEVNE.D

* Fuel Data
FUEL PROGRAM    : 2 N
NO REFUELING    :

REG DIST       : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE  : CTIM05pl.D
ANTI-TAMP PROG :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR    : CTHVMT.def
SPEED VMT     : z:\ser29c\2035\35svmt6s.cty
VMT BY FACILITY : FCVMTL.CTY

* 2035 local VMT fractions
VMT FRACTIONS :
0.3087 0.1123 0.3738 0.1152 0.0530 0.0088 0.0009 0.0007
0.0006 0.0020 0.0023 0.0025 0.0090 0.0004 0.0002 0.0096

SCENARIO RECORD : New London County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR   : 2035
EVALUATION MONTH : 7
FUEL RVP       : 6.8

```

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*New London Ramp \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2035\35svmt6s.cty  
VMT BY FACILITY : FCMVTR.CTY

\* 2035 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.2938 0.1070 0.3561 0.1097 0.0505 0.0261 0.0026 0.0022  
0.0016 0.0059 0.0069 0.0075 0.0267 0.0013 0.0007 0.0014

SCENARIO RECORD : New London County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2035  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Tolland Expressway \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2035\35svmt7s.cty  
VMT BY FACILITY : FCMVTF.CTY

\* 2035 expressway/ramp VMT fractions  
VMT FRACTIONS :

0.2938 0.1070 0.3561 0.1097 0.0505 0.0261 0.0026 0.0022  
0.0016 0.0059 0.0069 0.0075 0.0267 0.0013 0.0007 0.0014

SCENARIO RECORD : Tolland County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2035  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Tolland Arterials/Collectors \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05p1.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2035\35svmt7s.cty  
VMT BY FACILITY : FCVMTA.CTY

\* 2035 arterial/collector VMT fractions  
VMT FRACTIONS :  
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007  
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD : Tolland County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2035  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Tolland Local \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05p1.D  
ANTI-TAMP PROG :

83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2035\35svmt7s.cty  
VMT BY FACILITY : FCVMTL.CTY

\* 2035 local VMT fractions  
VMT FRACTIONS :  
0.3087 0.1123 0.3738 0.1152 0.0530 0.0088 0.0009 0.0007  
0.0006 0.0020 0.0023 0.0025 0.0090 0.0004 0.0002 0.0096

SCENARIO RECORD : Tolland County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2035  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Tolland Ramp \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :  
  
REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05p1.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2035\35svmt7s.cty  
VMT BY FACILITY : FCVMTR.CTY

\* 2035 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.2938 0.1070 0.3561 0.1097 0.0505 0.0261 0.0026 0.0022  
0.0016 0.0059 0.0069 0.0075 0.0267 0.0013 0.0007 0.0014

SCENARIO RECORD : Tolland County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2035  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Windham Expressway \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

```

REG DIST          : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE    : CTIM05pl.D
ANTI-TAMP PROG   :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR      : CTHVMT.def
SPEED VMT        : z:\ser29c\2035\35svmt8s.cty
VMT BY FACILITY  : FCVMTF.CTY

* 2035 expressway/ramp VMT fractions
VMT FRACTIONS    :
0.2938 0.1070 0.3561 0.1097 0.0505 0.0261 0.0026 0.0022
0.0016 0.0059 0.0069 0.0075 0.0267 0.0013 0.0007 0.0014

SCENARIO RECORD  : Windham County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR    : 2035
EVALUATION MONTH : 7
FUEL RVP         : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP     : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
                  47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>*****Windham Arterials/Collectors *****

* Northeast NLEV inputs
94+ LDG IMP      : NLEVNE.D

* Fuel Data
FUEL PROGRAM     : 2 N
NO REFUELING     :

REG DIST          : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE    : CTIM05pl.D
ANTI-TAMP PROG   :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR      : CTHVMT.def
SPEED VMT        : z:\ser29c\2035\35svmt8s.cty
VMT BY FACILITY  : FCVMTA.CTY

* 2035 arterial/collector VMT fractions
VMT FRACTIONS    :
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD  : Windham County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR    : 2035
EVALUATION MONTH : 7
FUEL RVP         : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP     : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
                  47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

```

```

>*****Windham Local *****
* Northeast NLEV inputs
94+ LDG IMP      : NLEVNE.D

* Fuel Data
FUEL PROGRAM     : 2 N
NO REFUELING     :

REG DIST        : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE   : CTIM05pl.D
ANTI-TAMP PROG  :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR     : CTHVMT.def
SPEED VMT      : z:\ser29c\2035\35svmt8s.cty
VMT BY FACILITY : FCVMTL.CTY

* 2035 local VMT fractions
VMT FRACTIONS   :
0.3087  0.1123  0.3738  0.1152  0.0530  0.0088  0.0009  0.0007
0.0006  0.0020  0.0023  0.0025  0.0090  0.0004  0.0002  0.0096

SCENARIO RECORD : Windham County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR   : 2035
EVALUATION MONTH : 7
FUEL RVP        : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP    : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
                  47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>*****Windham Ramp *****
* Northeast NLEV inputs
94+ LDG IMP      : NLEVNE.D

* Fuel Data
FUEL PROGRAM     : 2 N
NO REFUELING     :

REG DIST        : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE   : CTIM05pl.D
ANTI-TAMP PROG  :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR     : CTHVMT.def
SPEED VMT      : z:\ser29c\2035\35svmt8s.cty
VMT BY FACILITY : FCVMTL.CTY

* 2035 expressway/ramp VMT fractions
VMT FRACTIONS   :
0.2938  0.1070  0.3561  0.1097  0.0505  0.0261  0.0026  0.0022
0.0016  0.0059  0.0069  0.0075  0.0267  0.0013  0.0007  0.0014

SCENARIO RECORD : Windham County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR   : 2035
EVALUATION MONTH : 7

```

FUEL RVP : 6.8

\* Weather Data for GRCT NA area

MIN/MAX TEMP : 67.7 95.5

RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN



```

MOBILE6 INPUT FILE :
* For VOC and NOx Only
SPREADSHEET       :
DATABASE OUTPUT   :
POLLUTANTS        : HC NOX
DATABASE OPTIONS  : CTdb.opt

RUN DATA
> 2040 input file for DOT; created 08/17/06 JBR
> Updated for VMT fractions, new CTIM and speed files 10/05 jbr
>*****Fairfield Expressway *****

* Northeast NLEV inputs
94+ LDG IMP       : NLEVNE.D

* Fuel Data
FUEL PROGRAM      : 2 N
NO REFUELING      :

* Use 2002 registration age distribution data.
REG DIST          : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE     : CTIM05pl.D
ANTI-TAMP PROG    :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR       : CTHVMT.def
SPEED VMT         : z:\ser29c\2040\40svmt1s.cty
VMT BY FACILITY   : FCVMTF.CTY

* 2040 expressway/ramp VMT fractions
VMT FRACTIONS     :
0.2940 0.1070 0.3561 0.1098 0.0505 0.0260 0.0026 0.0022
0.0016 0.0058 0.0069 0.0075 0.0266 0.0013 0.0007 0.0014

SCENARIO RECORD   : Fairfield County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR     : 2040
EVALUATION MONTH  : 7
FUEL RVP          : 6.8

* Weather Data for SWCT NA area
MIN/MAX TEMP      : 66.5 91.6
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9
                   56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>*****Fairfield Arterials/Collectors *****

* Northeast NLEV inputs
94+ LDG IMP       : NLEVNE.D

* Fuel Data
FUEL PROGRAM      : 2 N
NO REFUELING      :

REG DIST          : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE     : CTIM05pl.D
ANTI-TAMP PROG    :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data

```

VMT BY HOUR : CTHVMT.def  
SPEED VMT : Z:\ser29c\2040\40svmt1s.cty  
VMT BY FACILITY : FCVMTA.CTY

\* 2040 arterial/collector VMT fractions  
VMT FRACTIONS :  
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007  
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD : Fairfield County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2040  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area  
MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*Fairfield Local \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2040\40svmt1s.cty  
VMT BY FACILITY : FCVMTL.CTY

\* 2040 local VMT fractions  
VMT FRACTIONS :  
0.3087 0.1123 0.3738 0.1152 0.0530 0.0088 0.0009 0.0007  
0.0006 0.0020 0.0023 0.0025 0.0090 0.0004 0.0002 0.0096

SCENARIO RECORD : Fairfield County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2040  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area  
MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*Fairfield Ramp \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests

I/M DESC FILE : CTIM05pl.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data

VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2040\40svmt1s.cty  
VMT BY FACILITY : FVMTTR.CTY

\* 2040 expressway/ramp VMT fractions

VMT FRACTIONS :  
0.2940 0.1070 0.3561 0.1098 0.0505 0.0260 0.0026 0.0022  
0.0016 0.0058 0.0069 0.0075 0.0266 0.0013 0.0007 0.0014

SCENARIO RECORD : Fairfield County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2040  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area

MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*Hartford Expressway \*\*\*\*\*

\* Northeast NLEV inputs

94+ LDG IMP : NLEVNE.D

\* Fuel Data

FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests

I/M DESC FILE : CTIM05pl.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data

VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2040\40svmt2s.cty  
VMT BY FACILITY : FVMTTF.CTY

\* 2040 expressway/ramp VMT fractions

VMT FRACTIONS :  
0.2940 0.1070 0.3561 0.1098 0.0505 0.0260 0.0026 0.0022  
0.0016 0.0058 0.0069 0.0075 0.0266 0.0013 0.0007 0.0014

SCENARIO RECORD : Hartford County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2040  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area

MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Hartford Arterials/Collectors \*\*\*\*\*

```

* Northeast NLEV inputs
94+ LDG IMP      : NLEVNE.D

* Fuel Data
FUEL PROGRAM    : 2 N
NO REFUELING    :

REG DIST       : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE  : CTIM05p1.D
ANTI-TAMP PROG :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR    : CTHVMT.def
SPEED VMT     : z:\ser29c\2040\40svmt2s.cty
VMT BY FACILITY : FCVMTA.CTY

* 2040 arterial/collector VMT fractions
VMT FRACTIONS :
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD : Hartford County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR   : 2040
EVALUATION MONTH : 7
FUEL RVP       : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP   : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
                  47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>*****Hartford Local *****

* Northeast NLEV inputs
94+ LDG IMP      : NLEVNE.D

* Fuel Data
FUEL PROGRAM    : 2 N
NO REFUELING    :

REG DIST       : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE  : CTIM05p1.D
ANTI-TAMP PROG :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR    : CTHVMT.def
SPEED VMT     : z:\ser29c\2040\40svmt2s.cty
VMT BY FACILITY : FCVMTL.CTY

* 2040 local VMT fractions
VMT FRACTIONS :
0.3087 0.1123 0.3738 0.1152 0.0530 0.0088 0.0009 0.0007
0.0006 0.0020 0.0023 0.0025 0.0090 0.0004 0.0002 0.0096

SCENARIO RECORD : Hartford County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR   : 2040
EVALUATION MONTH : 7
FUEL RVP       : 6.8

```

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Hartford Ramp \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :  
  
REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05p1.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2040\40svmt2s.cty  
VMT BY FACILITY : FCVMTR.CTY

\* 2040 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.2940 0.1070 0.3561 0.1098 0.0505 0.0260 0.0026 0.0022  
0.0016 0.0058 0.0069 0.0075 0.0266 0.0013 0.0007 0.0014

SCENARIO RECORD : Hartford County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2040  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Litchfield Expressway \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :  
  
REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05p1.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2040\40svmt3s.cty  
VMT BY FACILITY : FCVMTF.CTY

\* 2040 expressway/ramp VMT fractions

VMT FRACTIONS :  
0.2940 0.1070 0.3561 0.1098 0.0505 0.0260 0.0026 0.0022  
0.0016 0.0058 0.0069 0.0075 0.0266 0.0013 0.0007 0.0014

SCENARIO RECORD : Litchfield County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2040  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Litchfield Arterials/Collectors \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2040\40svmt3s.cty  
VMT BY FACILITY : FCVMTA.CTY

\* 2040 arterial/collector VMT fractions  
VMT FRACTIONS :  
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007  
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD : Litchfield County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2040  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Litchfield Local \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.D

```

ANTI-TAMP PROG      :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR        : CTHVMT.def
SPEED VMT          : Z:\ser29c\2040\40svmt3s.cty
VMT BY FACILITY    : FCVMTL.CTY

* 2040 local VMT fractions
VMT FRACTIONS      :
0.3087 0.1123 0.3738 0.1152 0.0530 0.0088 0.0009 0.0007
0.0006 0.0020 0.0023 0.0025 0.0090 0.0004 0.0002 0.0096

SCENARIO RECORD    : Litchfield County 2020 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR      : 2040
EVALUATION MONTH   : 7
FUEL RVP           : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP       : 67.7 95.5
RELATIVE HUMIDITY  : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
                   : 47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

```

END OF RUN

>\*\*\*\*\*Litchfield Ramp \*\*\*\*\*

```

* Northeast NLEV inputs
94+ LDG IMP        : NLEVNE.D

* Fuel Data
FUEL PROGRAM       : 2 N
NO REFUELING       :

REG DIST           : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE      : CTIM05pl.D
ANTI-TAMP PROG     :
83 71 50 22222 21111111 1 12 096. 12111112

```

```

* VMT Data
VMT BY HOUR        : CTHVMT.def
SPEED VMT          : z:\ser29c\2040\40svmt3s.cty
VMT BY FACILITY    : FCVMTR.CTY

* 2040 expressway/ramp VMT fractions
VMT FRACTIONS      :
0.2940 0.1070 0.3561 0.1098 0.0505 0.0260 0.0026 0.0022
0.0016 0.0058 0.0069 0.0075 0.0266 0.0013 0.0007 0.0014

SCENARIO RECORD    : Litchfield County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR      : 2040
EVALUATION MONTH   : 7
FUEL RVP           : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP       : 67.7 95.5
RELATIVE HUMIDITY  : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
                   : 47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

```

END OF RUN

>\*\*\*\*\*Middlesex Expressway \*\*\*\*\*

```

* Northeast NLEV inputs
94+ LDG IMP        : NLEVNE.D

* Fuel Data

```

```

FUEL PROGRAM      : 2 N
NO REFUELING      :

REG DIST          : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE     : CTIM05pl.D
ANTI-TAMP PROG    :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR       : CTHVMT.def
SPEED VMT         : z:\ser29c\2040\40svmt4s.cty
VMT BY FACILITY   : FCVMTF.CTY

* 2040 expressway/ramp VMT fractions
VMT FRACTIONS     :
0.2940 0.1070 0.3561 0.1098 0.0505 0.0260 0.0026 0.0022
0.0016 0.0058 0.0069 0.0075 0.0266 0.0013 0.0007 0.0014

SCENARIO RECORD   : Middlesex County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR     : 2040
EVALUATION MONTH  : 7
FUEL RVP          : 6.8

* Weather Data for SWCT NA area
MIN/MAX TEMP      : 66.5 91.6
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9
                  : 56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>*****Middlesex Arterials/Collectors *****

* Northeast NLEV inputs
94+ LDG IMP       : NLEVNE.D

* Fuel Data
FUEL PROGRAM      : 2 N
NO REFUELING      :

REG DIST          : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE     : CTIM05pl.D
ANTI-TAMP PROG    :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR       : CTHVMT.def
SPEED VMT         : z:\ser29c\2040\40svmt4s.cty
VMT BY FACILITY   : FCVMTA.CTY

* 2040 arterial/collector VMT fractions
VMT FRACTIONS     :
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD   : Middlesex County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR     : 2040
EVALUATION MONTH  : 7
FUEL RVP          : 6.8

* Weather Data for SWCT NA area
MIN/MAX TEMP      : 66.5 91.6
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9

```



56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*Middlesex Local \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2040\40svmt4s.cty  
VMT BY FACILITY : FCVMTL.CTY

\* 2040 local VMT fractions  
VMT FRACTIONS :  
0.3087 0.1123 0.3738 0.1152 0.0530 0.0088 0.0009 0.0007  
0.0006 0.0020 0.0023 0.0025 0.0090 0.0004 0.0002 0.0096

SCENARIO RECORD : Middlesex County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2040  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area  
MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*Middlesex Ramp \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2040\40svmt4s.cty  
VMT BY FACILITY : FCVMTR.CTY

\* 2040 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.2940 0.1070 0.3561 0.1098 0.0505 0.0260 0.0026 0.0022  
0.0016 0.0058 0.0069 0.0075 0.0266 0.0013 0.0007 0.0014

SCENARIO RECORD : Middlesex County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2040  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area  
MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*New Haven Expressway \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2040\40svmt5s.cty  
VMT BY FACILITY : FCVMTF.CTY

\* 2040 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.2940 0.1070 0.3561 0.1098 0.0505 0.0260 0.0026 0.0022  
0.0016 0.0058 0.0069 0.0075 0.0266 0.0013 0.0007 0.0014

SCENARIO RECORD : New Haven County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2040  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area  
MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*New Haven Arterials/Collectors \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data

VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2040\40svmt5s.cty  
VMT BY FACILITY : FCVMTA.CTY

\* 2040 arterial/collector VMT fractions  
VMT FRACTIONS :  
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007  
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD : New Haven County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2040  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area  
MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*New Haven Local \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2040\40svmt5s.cty  
VMT BY FACILITY : FCVMTL.CTY

\* 2040 local VMT fractions  
VMT FRACTIONS :  
0.3087 0.1123 0.3738 0.1152 0.0530 0.0088 0.0009 0.0007  
0.0006 0.0020 0.0023 0.0025 0.0090 0.0004 0.0002 0.0096

SCENARIO RECORD : New Haven County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2040  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area  
MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*New Haven Ramp \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2040\40svmt5s.cty  
VMT BY FACILITY : FCMVTR.CTY

\* 2040 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.2940 0.1070 0.3561 0.1098 0.0505 0.0260 0.0026 0.0022  
0.0016 0.0058 0.0069 0.0075 0.0266 0.0013 0.0007 0.0014

SCENARIO RECORD : New Haven County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2040  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for SWCT NA area  
MIN/MAX TEMP : 66.5 91.6  
RELATIVE HUMIDITY : 84.0 74.5 65.2 58.8 53.6 48.0 45.5 42.8 41.4 44.3 45.8 49.9  
56.9 66.0 69.7 71.5 76.1 79.1 85.7 86.7 89.8 90.5 90.7 92.1

END OF RUN

>\*\*\*\*\*New London Expressway \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2040\40svmt6s.cty  
VMT BY FACILITY : FCMVTF.CTY

\* 2040 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.2940 0.1070 0.3561 0.1098 0.0505 0.0260 0.0026 0.0022  
0.0016 0.0058 0.0069 0.0075 0.0266 0.0013 0.0007 0.0014

SCENARIO RECORD : New London County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2040  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*New London Arterials/Collectors \*\*\*\*\*

```

* Northeast NLEV inputs
94+ LDG IMP      : NLEVNE.D

* Fuel Data
FUEL PROGRAM    : 2 N
NO REFUELING    :

REG DIST       : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE   : CTIM05pl.D
ANTI-TAMP PROG  :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR    : CTHVMT.def
SPEED VMT     : z:\ser29c\2040\40svmt6s.cty
VMT BY FACILITY : FCVMTA.CTY

* 2040 arterial/collector VMT fractions
VMT FRACTIONS  :
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD : New London County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR   : 2040
EVALUATION MONTH : 7
FUEL RVP       : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP    : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
                  47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>*****New London Local *****

* Northeast NLEV inputs
94+ LDG IMP      : NLEVNE.D

* Fuel Data
FUEL PROGRAM    : 2 N
NO REFUELING    :

REG DIST       : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE   : CTIM05pl.D
ANTI-TAMP PROG  :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR    : CTHVMT.def
SPEED VMT     : z:\ser29c\2040\40svmt6s.cty
VMT BY FACILITY : FCVMTL.CTY

* 2040 local VMT fractions
VMT FRACTIONS  :
0.3087 0.1123 0.3738 0.1152 0.0530 0.0088 0.0009 0.0007
0.0006 0.0020 0.0023 0.0025 0.0090 0.0004 0.0002 0.0096

SCENARIO RECORD : New London County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR   : 2040
EVALUATION MONTH : 7
FUEL RVP       : 6.8

```

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*New London Ramp \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2040\40svmt6s.cty  
VMT BY FACILITY : FVMT6.CTY

\* 2040 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.2940 0.1070 0.3561 0.1098 0.0505 0.0260 0.0026 0.0022  
0.0016 0.0058 0.0069 0.0075 0.0266 0.0013 0.0007 0.0014

SCENARIO RECORD : New London County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2040  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Tolland Expressway \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05pl.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2040\40svmt7s.cty  
VMT BY FACILITY : FVMT7.CTY

\* 2040 expressway/ramp VMT fractions  
VMT FRACTIONS :

0.2940 0.1070 0.3561 0.1098 0.0505 0.0260 0.0026 0.0022  
0.0016 0.0058 0.0069 0.0075 0.0266 0.0013 0.0007 0.0014

SCENARIO RECORD : Tolland County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2040  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Tolland Arterials/Collectors \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05p1.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2040\40svmt7s.cty  
VMT BY FACILITY : FCVMTA.CTY

\* 2040 arterial/collector VMT fractions  
VMT FRACTIONS :  
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007  
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD : Tolland County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2040  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Tolland Local \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05p1.D  
ANTI-TAMP PROG :

83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2040\40svmt7s.cty  
VMT BY FACILITY : FCVMTL.CTY

\* 2040 local VMT fractions  
VMT FRACTIONS :  
0.3087 0.1123 0.3738 0.1152 0.0530 0.0088 0.0009 0.0007  
0.0006 0.0020 0.0023 0.0025 0.0090 0.0004 0.0002 0.0096

SCENARIO RECORD : Tolland County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2040  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Tolland Ramp \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :

REG DIST : CTREG05.D

EXPRESS HC AS VOC :

\* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests  
I/M DESC FILE : CTIM05p1.D  
ANTI-TAMP PROG :  
83 71 50 22222 21111111 1 12 096. 12111112

\* VMT Data  
VMT BY HOUR : CTHVMT.def  
SPEED VMT : z:\ser29c\2040\40svmt7s.cty  
VMT BY FACILITY : FCVMTR.CTY

\* 2040 expressway/ramp VMT fractions  
VMT FRACTIONS :  
0.2940 0.1070 0.3561 0.1098 0.0505 0.0260 0.0026 0.0022  
0.0016 0.0058 0.0069 0.0075 0.0266 0.0013 0.0007 0.0014

SCENARIO RECORD : Tolland County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
CALENDAR YEAR : 2040  
EVALUATION MONTH : 7  
FUEL RVP : 6.8

\* Weather Data for GRCT NA area  
MIN/MAX TEMP : 67.7 95.5  
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>\*\*\*\*\*Windham Expressway \*\*\*\*\*

\* Northeast NLEV inputs  
94+ LDG IMP : NLEVNE.D

\* Fuel Data  
FUEL PROGRAM : 2 N  
NO REFUELING :



```

REG DIST          : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE    : CTIM05pl.D
ANTI-TAMP PROG   :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR      : CTHVMT.def
SPEED VMT        : z:\ser29c\2040\40svmt8s.cty
VMT BY FACILITY  : FCVMTF.CTY

* 2040 expressway/ramp VMT fractions
VMT FRACTIONS    :
0.2940 0.1070 0.3561 0.1098 0.0505 0.0260 0.0026 0.0022
0.0016 0.0058 0.0069 0.0075 0.0266 0.0013 0.0007 0.0014

SCENARIO RECORD  : Windham County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR    : 2040
EVALUATION MONTH : 7
FUEL RVP         : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP     : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
                  47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>*****Windham Arterials/Collectors *****

* Northeast NLEV inputs
94+ LDG IMP      : NLEVNE.D

* Fuel Data
FUEL PROGRAM     : 2 N
NO REFUELING     :

REG DIST          : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE    : CTIM05pl.D
ANTI-TAMP PROG   :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR      : CTHVMT.def
SPEED VMT        : z:\ser29c\2040\40svmt8s.cty
VMT BY FACILITY  : FCVMTA.CTY

* 2040 arterial/collector VMT fractions
VMT FRACTIONS    :
0.3094 0.1126 0.3747 0.1155 0.0532 0.0084 0.0008 0.0007
0.0005 0.0019 0.0022 0.0024 0.0086 0.0004 0.0002 0.0085

SCENARIO RECORD  : Windham County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR    : 2040
EVALUATION MONTH : 7
FUEL RVP         : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP     : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
                  47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

```

```

>*****Windham Local *****
* Northeast NLEV inputs
94+ LDG IMP      : NLEVNE.D

* Fuel Data
FUEL PROGRAM    : 2 N
NO REFUELING    :

REG DIST       : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE   : CTIM05pl.D
ANTI-TAMP PROG  :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR     : CTHVMT.def
SPEED VMT       : z:\ser29c\2040\40svmt8s.cty
VMT BY FACILITY : FCVMTL.CTY

* 2040 local VMT fractions
VMT FRACTIONS   :
0.3087 0.1123 0.3738 0.1152 0.0530 0.0088 0.0009 0.0007
0.0006 0.0020 0.0023 0.0025 0.0090 0.0004 0.0002 0.0096

SCENARIO RECORD : Windham County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR   : 2040
EVALUATION MONTH : 7
FUEL RVP        : 6.8

* Weather Data for GRCT NA area
MIN/MAX TEMP    : 67.7 95.5
RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7
                  47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

>*****Windham Ramp *****
* Northeast NLEV inputs
94+ LDG IMP      : NLEVNE.D

* Fuel Data
FUEL PROGRAM    : 2 N
NO REFUELING    :

REG DIST       : CTREG05.D

EXPRESS HC AS VOC :

* I/M Data; reflects assumed Agbar OBD/ASM/Idle tests
I/M DESC FILE   : CTIM05pl.D
ANTI-TAMP PROG  :
83 71 50 22222 21111111 1 12 096. 12111112

* VMT Data
VMT BY HOUR     : CTHVMT.def
SPEED VMT       : z:\ser29c\2040\40svmt8s.cty
VMT BY FACILITY : FCVMTR.CTY

* 2040 expressway/ramp VMT fractions
VMT FRACTIONS   :
0.2940 0.1070 0.3561 0.1098 0.0505 0.0260 0.0026 0.0022
0.0016 0.0058 0.0069 0.0075 0.0266 0.0013 0.0007 0.0014

SCENARIO RECORD : Windham County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
CALENDAR YEAR   : 2040
EVALUATION MONTH : 7

```

FUEL RVP : 6.8

\* Weather Data for GRCT NA area

MIN/MAX TEMP : 67.7 95.5

RELATIVE HUMIDITY : 86.2 76.2 69.5 61.2 53.8 49.0 44.5 41.2 40.4 38.8 40.8 43.7  
47.3 56.5 63.5 67.6 72.8 75.3 75.6 81.8 85.3 87.4 89.1 90.6

END OF RUN

APPENDIX D  
MOBILE 6.2 Output Files

```

*****
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 15OZ.IN (file 1, run 1). *
*****
* 2015 input file for DOT; created 9/4/03 PMB
* Updated for VMT fractions, new CTIM and speed files 10/05 jbr
*****Fairfield Expressway *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2015\15SVMT1S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
    User supplied VMT mix.

* # # # # #
* Fairfield County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 1, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
    Calendar Year: 2015
    Month: July
    Altitude: Low
    Minimum Temperature: 66.5 (F)
    Maximum Temperature: 91.6 (F)
    Minimum Rel. Hum.: 41.4 (%)
    Maximum Rel. Hum.: 92.1 (%)
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: Yes

    Vehicle Type:    LDGV    LDGT12    LDGT34    LDGT    HDGV    LDDV    LDDT    HDDV    MC    All Veh
    GVWR:           <6000  >6000    (All)
    VMT Distribution: 0.3223  0.4416  0.1504    0.0239  0.0003  0.0023  0.0578  0.0014  1.0000
-----

Composite Emission Factors (g/mi):
    Composite VOC : 0.317  0.254  0.310  0.268  0.369  0.084  0.138  0.213  3.55  0.287
    Composite NOX : 0.249  0.273  0.386  0.302  1.224  0.183  0.303  4.148  1.43  0.531

```

```

-----
*****
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 15OZ.IN (file 1, run 2). *
*****
*****Fairfield Arterials/Collectors *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
      User has supplied post-1999 sulfur levels.
M603 Comment:
      User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2015\15SVMT1S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTA.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
      User supplied VMT mix.

* # # # # #
* Fairfield County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 2, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
      there are no sales for vehicle class HDGV8b
M 48 Warning:
      there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
      Calendar Year: 2015
      Month: July
      Altitude: Low
      Minimum Temperature: 66.5 (F)
      Maximum Temperature: 91.6 (F)
      Minimum Rel. Hum.: 41.4 (%)
      Maximum Rel. Hum.: 92.1 (%)
      Fuel Sulfur Content: 30. ppm

      Exhaust I/M Program: Yes
      Evap I/M Program: Yes
      ATP Program: Yes
      Reformulated Gas: Yes

      Vehicle Type:      LDGV      LDGT12      LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV      MC      All Veh
      GVWR:              <6000     >6000     (All)

      VMT Distribution:  0.3394    0.4649    0.1584      0.0077    0.0003    0.0024    0.0184    0.0085    1.0000
-----
Composite Emission Factors (g/mi):
Composite VOC :      0.385    0.304    0.373    0.321    0.528    0.110    0.184    0.331    3.84    0.374
Composite NOX  :      0.262    0.272    0.389    0.302    1.025    0.134    0.221    2.819    1.12    0.347
-----
*****

```

```

* MOBILE6.2.03 (24-Sep-2003)
* Input file: 15OZ.IN (file 1, run 3).
*****
*****Fairfield Local *****
* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2015\15SVMT1S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTL.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
    User supplied VMT mix.

* # # # # #
* Fairfield County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 3, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
    data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
    Calendar Year: 2015
    Month: July
    Altitude: Low
    Minimum Temperature: 66.5 (F)
    Maximum Temperature: 91.6 (F)
    Minimum Rel. Hum.: 41.4 (%)
    Maximum Rel. Hum.: 92.1 (%)
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: Yes

    Vehicle Type:    LDGV    LDGT12    LDGT34    LDGT    HDGV    LDDV    LDDT    HDDV    MC    All Veh
    GVWR:            <6000    >6000    (All)
VMT Distribution:  0.3386  0.4638  0.1580  0.0080  0.0003  0.0024  0.0193  0.0096  1.0000

Composite Emission Factors (g/mi):
Composite VOC :    0.477    0.382    0.468    0.404    0.806    0.160    0.274    0.557    4.81    0.477
Composite NOX :    0.253    0.258    0.360    0.284    0.880    0.165    0.273    3.231    0.95    0.341
-----
*****
* MOBILE6.2.03 (24-Sep-2003)
* Input file: 15OZ.IN (file 1, run 4).

```

```

*****
*****Fairfield Ramp *****
* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2015\15SVMT1S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTR.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
    User supplied VMT mix.

* # # # # #
* Fairfield County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 4, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
    Calendar Year: 2015
    Month: July
    Altitude: Low
    Minimum Temperature: 66.5 (F)
    Maximum Temperature: 91.6 (F)
    Minimum Rel. Hum.: 41.4 (%)
    Maximum Rel. Hum.: 92.1 (%)
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: Yes

    Vehicle Type: LDGV LDGT12 LDGT34 LDGT (All) HDGV LDDV LDDT HDDV MC All Veh
    GVWR: <6000 >6000
    VMT Distribution: 0.3223 0.4416 0.1504 0.0239 0.0003 0.0023 0.0578 0.0014 1.0000

Composite Emission Factors (g/mi):
Composite VOC : 0.359 0.280 0.349 0.297 0.421 0.096 0.159 0.266 3.42 0.322
Composite NOX : 0.265 0.287 0.429 0.323 1.060 0.123 0.202 2.426 1.16 0.444

*****
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 15OZ.IN (file 1, run 5). *
*****
*****Hartford Expressway *****

```



```

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2015\15SVMT2S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
    User supplied VMT mix.

* # # # # #
* Hartford County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 5, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
    data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
    Calendar Year: 2015
    Month: July
    Altitude: Low
    Minimum Temperature: 67.7 (F)
    Maximum Temperature: 95.5 (F)
    Minimum Rel. Hum.: 38.8 (%)
    Maximum Rel. Hum.: 90.6 (%)
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: Yes

    Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDDV LDDT HDDV MC All Veh
    GVWR: <6000 >6000 (All)
    VMT Distribution: 0.3223 0.4416 0.1504 0.0239 0.0003 0.0023 0.0578 0.0014 1.0000

Composite Emission Factors (g/mi):
    Composite VOC : 0.315 0.251 0.306 0.265 0.358 0.080 0.130 0.195 3.71 0.284
    Composite NOX : 0.251 0.276 0.389 0.304 1.263 0.198 0.327 4.450 1.45 0.551

*****
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 15OZ.IN (file 1, run 6). *
*****
*****Hartford Arterials/Collectors *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external

```

```

* data file: NLEVNE.D
M616 Comment:
      User has supplied post-1999 sulfur levels.
M603 Comment:
      User has disabled the calculation of REFUELING emissions.

```

```

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)

```

```

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no
OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test
that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

```

```

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

```

```

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2015\15SVMT2S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTA.CTY

```

```

      Reading User Supplied ROADWAY VMT Factors
M615 Comment:
      User supplied VMT mix.

```

```

* # # # # #
* Hartford County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 6, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
    data file: TECH12.D

```

```

M 48 Warning:
      there are no sales for vehicle class HDGV8b
M 48 Warning:
      there are no sales for vehicle class LDDT12

```

```

LEV phase-in data read from file NLEVNE.D
      Calendar Year:  2015
      Month:          July
      Altitude:      Low
      Minimum Temperature:  67.7 (F)
      Maximum Temperature:  95.5 (F)
      Minimum Rel. Hum.:   38.8 (%)
      Maximum Rel. Hum.:   90.6 (%)
      Fuel Sulfur Content:  30. ppm

```

```

      Exhaust I/M Program:  Yes
      Evap I/M Program:    Yes
      ATP Program:         Yes
      Reformulated Gas:    Yes

```

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.3394	0.4649	0.1584		0.0077	0.0003	0.0024	0.0184	0.0085	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC :	0.373	0.294	0.361	0.311	0.501	0.105	0.175	0.306	3.79	0.362
Composite NOX :	0.255	0.264	0.378	0.293	1.042	0.131	0.216	2.754	1.09	0.338

```

*****
* MOBILE6.2.03 (24-Sep-2003)
* Input file: 15OZ.IN (file 1, run 7).
*****
*****Hartford Local *****

```

```

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:

```

User has supplied post-1999 sulfur levels.  
M603 Comment:  
User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external  
\* data file: CTREG05.D  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external  
\* data file: CTIM05PL.D  
\*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)  
\*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM  
\*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR  
\*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)  
\*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
\*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D  
\*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external  
\* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external  
\* data file: Z:\SER29C\2015\15SVMT2S.CTY

\* Reading Hourly Roadway VMT distribution from the following external  
\* data file: FCVMTL.CTY

Reading User Supplied ROADWAY VMT Factors

M615 Comment:  
User supplied VMT mix.

\* # # # # #  
\* Hartford County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
\* File 1, Run 7, Scenario 1.  
\* # # # # #  
\*\*\* I/M credits for Tech1&2 vehicles were read from the following external  
data file: TECH12.D

M 48 Warning:  
there are no sales for vehicle class HDGV8b  
M 48 Warning:  
there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D  
Calendar Year: 2015  
Month: July  
Altitude: Low  
Minimum Temperature: 67.7 (F)  
Maximum Temperature: 95.5 (F)  
Minimum Rel. Hum.: 38.8 (%)  
Maximum Rel. Hum.: 90.6 (%)  
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
Evap I/M Program: Yes  
ATP Program: Yes  
Reformulated Gas: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3386	0.4638	0.1580		0.0080	0.0003	0.0024	0.0193	0.0096	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC :	0.487	0.392	0.480	0.414	0.826	0.160	0.274	0.557	4.93	0.488
Composite NOX :	0.257	0.258	0.360	0.284	0.881	0.165	0.273	3.231	0.92	0.343
-----										

\*\*\*\*\*  
\* MOBILE6.2.03 (24-Sep-2003) \*  
\* Input file: 15OZ.IN (file 1, run 8). \*  
\*\*\*\*\*  
\*\*\*\*\*Hartford Ramp \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external  
\* data file: NLEVNE.D  
M616 Comment:  
User has supplied post-1999 sulfur levels.  
M603 Comment:

User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external  
 \* data file: CTREG05.D  
 M 49 Warning:  
     1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
     1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
     1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
     1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
     1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
     1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
     1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
     1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external  
 \* data file: CTIM05PL.D  
 \*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)  
 \*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM  
 \*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR  
 \*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)  
 \*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
 \*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D  
 \*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external  
 \* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external  
 \* data file: Z:\SER29C\2015\15SVMT2S.CTY

\* Reading Hourly Roadway VMT distribution from the following external  
 \* data file: FCVMTR.CTY

Reading User Supplied ROADWAY VMT Factors

M615 Comment:  
 User supplied VMT mix.

#####  
 \* Hartford County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
 \* File 1, Run 8, Scenario 1.  
 #####  
 \*\*\* I/M credits for Tech1&2 vehicles were read from the following external  
 data file: TECH12.D

M 48 Warning:  
     there are no sales for vehicle class HDGV8b  
 M 48 Warning:  
     there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D  
 Calendar Year: 2015  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 67.7 (F)  
 Maximum Temperature: 95.5 (F)  
 Minimum Rel. Hum.: 38.8 (%)  
 Maximum Rel. Hum.: 90.6 (%)  
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
 Evap I/M Program: Yes  
 ATP Program: Yes  
 Reformulated Gas: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000							
VMT Distribution:	0.3223	0.4416	0.1504		0.0239	0.0003	0.0023	0.0578	0.0014	1.0000

-----  
 Composite Emission Factors (g/mi):  
 Composite VOC :   0.366   0.285   0.355   0.303   0.435   0.096   0.159   0.266   3.54   0.328  
 Composite NOX :   0.265   0.286   0.427   0.322   1.061   0.123   0.202   2.426   1.12   0.443  
 -----

\*\*\*\*\*  
 \* MOBILE6.2.03 (24-Sep-2003) \*  
 \* Input file: 15OZ.IN (file 1, run 9). \*  
 \*\*\*\*\*  
 \*\*\*\*\*Litchfield Expressway \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external  
 \* data file: NLEVNE.D  
 M616 Comment:  
 User has supplied post-1999 sulfur levels.  
 M603 Comment:  
 User has disabled the calculation of REFUELING emissions.

```

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no
OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test
that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2015\15SVMT3S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
    User supplied VMT mix.

* # # # # #
* Litchfield County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 9, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
    Calendar Year: 2015
    Month: July
    Altitude: Low
    Minimum Temperature: 67.7 (F)
    Maximum Temperature: 95.5 (F)
    Minimum Rel. Hum.: 38.8 (%)
    Maximum Rel. Hum.: 90.6 (%)
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: Yes

    Vehicle Type:    LDGV    LDGT12    LDGT34    LDGT    HDGV    LDDV    LDDT    HDDV    MC    All Veh
    GVWR:            -----    <6000    >6000    (All)    -----    -----    -----    -----    -----    -----
    VMT Distribution: 0.3223    0.4416    0.1504    -----    0.0239    0.0003    0.0023    0.0578    0.0014    1.0000
-----
Composite Emission Factors (g/mi):
Composite VOC :    0.312    0.250    0.304    0.263    0.352    0.079    0.129    0.191    3.79    0.282
Composite NOX :    0.251    0.278    0.391    0.307    1.279    0.207    0.343    4.649    1.49    0.565
-----
*****
* MOBILE6.2.03 (24-Sep-2003)
* Input file: 15OZ.IN (file 1, run 10).
*****
*****Litchfield Arterials/Collectors *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external

```

```

* data file: CTREG05.D
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2015\15SVMT3S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTA.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
    User supplied VMT mix.

* # # # # #
* Litchfield County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 10, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
    data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
    Calendar Year: 2015
        Month: July
        Altitude: Low
    Minimum Temperature: 67.7 (F)
    Maximum Temperature: 95.5 (F)
    Minimum Rel. Hum.: 38.8 (%)
    Maximum Rel. Hum.: 90.6 (%)
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: Yes

    Vehicle Type:      LDGV    LDGT12    LDGT34    LDGT      HDGV      LDDV      LDDT      HDDV      MC      All Veh
    GVWR:              <6000  >6000    (All)
    VMT Distribution:  0.3394  0.4649  0.1584    0.0077    0.0003    0.0024    0.0184    0.0085    1.0000

Composite Emission Factors (g/mi):
    Composite VOC :    0.344    0.271    0.333    0.287    0.429    0.093    0.153    0.252    3.53    0.334
    Composite NOX :    0.245    0.260    0.371    0.288    1.106    0.134    0.220    2.808    1.15    0.333
-----
*****Litchfield Local *****

* MOBILE6.2.03 (24-Sep-2003)
* Input file: 15OZ.IN (file 1, run 11).
*****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:

```

```

M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2015\15SVMT3S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTL.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
      User supplied VMT mix.

* # # # # #
* Litchfield County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 11, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
      there are no sales for vehicle class HDGV8b
M 48 Warning:
      there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
      Calendar Year: 2015
      Month: July
      Altitude: Low
      Minimum Temperature: 67.7 (F)
      Maximum Temperature: 95.5 (F)
      Minimum Rel. Hum.: 38.8 (%)
      Maximum Rel. Hum.: 90.6 (%)
      Fuel Sulfur Content: 30. ppm

      Exhaust I/M Program: Yes
      Evap I/M Program: Yes
      ATP Program: Yes
      Reformulated Gas: Yes

      Vehicle Type:      LDGV      LDGT12      LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV      MC      All Veh
      GVWR:              <6000     >6000      (All)
      VMT Distribution:  0.3386    0.4638    0.1580      0.0080    0.0003    0.0024    0.0193    0.0096    1.0000

-----
Composite Emission Factors (g/mi):
Composite VOC :      0.487      0.392      0.480      0.414      0.826      0.160      0.274      0.557      4.93      0.488
Composite NOX  :      0.257      0.258      0.360      0.284      0.881      0.165      0.273      3.231      0.92      0.343
-----

*****
* MOBILE6.2.03 (24-Sep-2003)
* Input file: 15OZ.IN (file 1, run 12).
*****
*****Litchfield Ramp *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
      User has supplied post-1999 sulfur levels.
M603 Comment:
      User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:

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M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2015\15SVMT3S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTR.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
    User supplied VMT mix.

* # # # # #
* Litchfield County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 12, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
    Calendar Year: 2015
    Month: July
    Altitude: Low
    Minimum Temperature: 67.7 (F)
    Maximum Temperature: 95.5 (F)
    Minimum Rel. Hum.: 38.8 (%)
    Maximum Rel. Hum.: 90.6 (%)
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: Yes

    Vehicle Type:      LDGV      LDGT12      LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV      MC      All Veh
    GVWR:              <6000      >6000      (All)
    VMT Distribution:  0.3223    0.4416    0.1504      0.0239    0.0003    0.0023    0.0578    0.0014    1.0000

-----
Composite Emission Factors (g/mi):
Composite VOC :      0.366      0.285      0.355      0.303      0.435      0.096      0.159      0.266      3.54      0.328
Composite NOX  :      0.265      0.286      0.427      0.322      1.061      0.123      0.202      2.426      1.12      0.443
-----

*****
* MOBILE6.2.03 (24-Sep-2003)
* Input file: 15OZ.IN (file 1, run 13).
*****
*****Middlesex Expressway *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
    1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00      MYR sum not = 1. (will normalize)

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M 49 Warning: 1.00 MYR sum not = 1. (will normalize)
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external
\* data file: CTIM05PL.D
\*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
\*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
\*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
\*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
\*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
\*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
\* Reading ASM I/M Test Credits from ASMDATA.D
\*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR
\* Reading Hourly VMT distribution from the following external
\* data file: CTHVMT.DEF
\* Reading Hourly, Roadway, and Speed VMT dist. from the following external
\* data file: Z:\SER29C\2015\15SVMT4S.CTY
\* Reading Hourly Roadway VMT distribution from the following external
\* data file: FCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
User supplied VMT mix.

\* # # # # #
\* Middlesex County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
\* File 1, Run 13, Scenario 1.
\* # # # # #
\*\*\* I/M credits for Tech1&2 vehicles were read from the following external data file: TECH12.D

M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
Calendar Year: 2015
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Table with 11 columns: Vehicle Type, LDGV, LDGT12, LDGT34, LDGT, HDGV, LDDV, LDDT, HDDV, MC, All Veh. Row for VMT Distribution shows values: 0.3223, 0.4416, 0.1504, 0.0239, 0.0003, 0.0023, 0.0578, 0.0014, 1.0000.

Composite Emission Factors (g/mi):

Table with 11 columns: Composite VOC, Composite NOX, LDGV, LDGT12, LDGT34, LDGT, HDGV, LDDV, LDDT, HDDV, MC, All Veh. Row for Composite VOC shows values: 0.308, 0.247, 0.301, 0.261, 0.343, 0.080, 0.129, 0.192, 3.57, 0.278.

\*\*\*\*\*MOBILE6.2.03 (24-Sep-2003)\*\*\*\*\*
\* Input file: 15OZ.IN (file 1, run 14).
\*\*\*\*\*Middlesex Arterials/Collectors\*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
\* data file: NLEVNE.D
M616 Comment:
User has supplied post-1999 sulfur levels.
M603 Comment:
User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external
\* data file: CTREG05.D
M 49 Warning:
1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
1.00 MYR sum not = 1. (will normalize)

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M 49 Warning: 1.00 MYR sum not = 1. (will normalize)
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2015\15SVMT4S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTA.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
    User supplied VMT mix.

* # # # # #
* Middlesex County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 14, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
    data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
    Calendar Year: 2015
    Month: July
    Altitude: Low
    Minimum Temperature: 66.5 (F)
    Maximum Temperature: 91.6 (F)
    Minimum Rel. Hum.: 41.4 (%)
    Maximum Rel. Hum.: 92.1 (%)
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: Yes

    Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDDV LDDT HDDV MC All Veh
    GVWR: <6000 >6000 (All)
    -----
VMT Distribution: 0.3394 0.4649 0.1584 0.0077 0.0003 0.0024 0.0184 0.0085 1.0000
-----
Composite Emission Factors (g/mi):
Composite VOC : 0.351 0.276 0.340 0.292 0.450 0.099 0.164 0.280 3.54 0.341
Composite NOX : 0.247 0.262 0.375 0.291 1.069 0.132 0.216 2.758 1.16 0.335
-----
*****
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 15OZ.IN (file 1, run 15). *
*****
*****Middlesex Local *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)

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M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2015\15SVMT4S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTL.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
    User supplied VMT mix.

* # # # # #
* Middlesex County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 15, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
    Calendar Year: 2015
    Month: July
    Altitude: Low
    Minimum Temperature: 66.5 (F)
    Maximum Temperature: 91.6 (F)
    Minimum Rel. Hum.: 41.4 (%)
    Maximum Rel. Hum.: 92.1 (%)
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: Yes

    Vehicle Type:      LDGV      LDGT12      LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV      MC      All Veh
    GVWR:              <6000      >6000      (All)
    VMT Distribution:  0.3386      0.4638      0.1580      0.0080      0.0003      0.0024      0.0193      0.0096      1.0000

Composite Emission Factors (g/mi):
    Composite VOC :    0.477      0.382      0.468      0.404      0.806      0.160      0.274      0.557      4.81      0.477
    Composite NOX :    0.253      0.258      0.360      0.284      0.880      0.165      0.273      3.231      0.95      0.341

*****
* MOBILE6.2.03 (24-Sep-2003)
* Input file: 15OZ.IN (file 1, run 16).
*****
*****Middlesex Ramp *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
    1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00      MYR sum not = 1. (will normalize)

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    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no
OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test
that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2015\15SVMT4S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: PCVMTR.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
    User supplied VMT mix.

* # # # # #
* Middlesex County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 16, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
    data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
    Calendar Year: 2015
    Month: July
    Altitude: Low
    Minimum Temperature: 66.5 (F)
    Maximum Temperature: 91.6 (F)
    Minimum Rel. Hum.: 41.4 (%)
    Maximum Rel. Hum.: 92.1 (%)
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: Yes

    Vehicle Type:   LDGV    LDGT12    LDGT34    LDGT    HDGV    LDDV    LDDT    HDDV    MC    All Veh
    GVWR:          <6000  >6000    (All)
    VMT Distribution: 0.3223  0.4416  0.1504    0.0239  0.0003  0.0023  0.0578  0.0014  1.0000
-----

Composite Emission Factors (g/mi):
    Composite VOC :   0.359    0.280    0.349    0.297    0.421    0.096    0.159    0.266    3.42    0.322
    Composite NOX  :   0.265    0.287    0.429    0.323    1.060    0.123    0.202    2.426    1.16    0.444
-----

*****
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 15OZ.IN (file 1, run 17). *
*****
*****New Haven Expressway*****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)

```

1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external
\* data file: CTIM05PL.D
\*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
\*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
\*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
\*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
\*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
\*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D
\*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external
\* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external
\* data file: Z:\SER29C\2015\15SVMT5S.CTY

\* Reading Hourly Roadway VMT distribution from the following external
\* data file: FCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
User supplied VMT mix.

\* \* \* \* \*
\* New Haven County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
\* File 1, Run 17, Scenario 1.
\* \* \* \* \*
\*\*\* I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D

M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
Calendar Year: 2015
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Table with columns: Vehicle Type, GVWR, LDGV, LDGT12, LDGT34, LDGT (All), HDGV, LDDV, LDDT, HDDV, MC, All Veh. Rows include VMT Distribution and Composite Emission Factors (g/mi).

\*\*\*\*\*
\* MOBILE6.2.03 (24-Sep-2003) \*
\* Input file: 15OZ.IN (file 1, run 18). \*
\*\*\*\*\*New Haven Arterials/Collectors \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
\* data file: NLEVNE.D
M616 Comment:
User has supplied post-1999 sulfur levels.
M603 Comment:
User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external
\* data file: CTREG05.D
M 49 Warning:
1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
1.00 MYR sum not = 1. (will normalize)



\*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)  
 \*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM  
 \*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR  
 \*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)  
 \*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
 \*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D  
 \*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR  
 \* Reading Hourly VMT distribution from the following external  
 \* data file: CTHVMT.DEF  
 \* Reading Hourly, Roadway, and Speed VMT dist. from the following external  
 \* data file: Z:\SER29C\2015\15SVMT5S.CTY  
 \* Reading Hourly Roadway VMT distribution from the following external  
 \* data file: FCVMTL.CTY

Reading User Supplied ROADWAY VMT Factors  
 M615 Comment:

User supplied VMT mix.

\* #####  
 \* New Haven County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
 \* File 1, Run 19, Scenario 1.  
 \* #####  
 \*\*\* I/M credits for Tech1&2 vehicles were read from the following external  
 data file: TECH12.D

M 48 Warning:  
 there are no sales for vehicle class HDGV8b  
 M 48 Warning:  
 there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D  
 Calendar Year: 2015  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 66.5 (F)  
 Maximum Temperature: 91.6 (F)  
 Minimum Rel. Hum.: 41.4 (%)  
 Maximum Rel. Hum.: 92.1 (%)  
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
 Evap I/M Program: Yes  
 ATP Program: Yes  
 Reformulated Gas: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.3386	0.4638	0.1580		0.0080	0.0003	0.0024	0.0193	0.0096	1.0000

Composite Emission Factors (g/mi):

Composite VOC :	0.477	0.382	0.468	0.404	0.806	0.160	0.274	0.557	4.81	0.477
Composite NOX :	0.253	0.258	0.360	0.284	0.880	0.165	0.273	3.231	0.95	0.341

\*\*\*\*\*  
 \* MOBILE6.2.03 (24-Sep-2003) \*  
 \* Input file: 15OZ.IN (file 1, run 20). \*  
 \*\*\*\*\*  
 \*\*\*\*\*New Haven Ramp \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external  
 \* data file: NLEVNE.D  
 M616 Comment:  
 User has supplied post-1999 sulfur levels.  
 M603 Comment:  
 User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external  
 \* data file: CTREG05.D  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external  
 \* data file: CTIM05PL.D  
 \*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)

```

*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test
that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2015\15SVMT5S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTR.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
    User supplied VMT mix.

* # # # # #
* New Haven County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 20, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
    Calendar Year: 2015
    Month: July
    Altitude: Low
    Minimum Temperature: 66.5 (F)
    Maximum Temperature: 91.6 (F)
    Minimum Rel. Hum.: 41.4 (%)
    Maximum Rel. Hum.: 92.1 (%)
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: Yes

    Vehicle Type:   LDGV   LDGT12   LDGT34   LDGT   HDGV   LDDV   LDDT   HDDV   MC   All Veh
    GVWR:          <6000 >6000   (All)
    VMT Distribution: 0.3223 0.4416 0.1504          0.0239 0.0003 0.0023 0.0578 0.0014 1.0000

-----
Composite Emission Factors (g/mi):
Composite VOC : 0.359 0.280 0.349 0.297 0.421 0.096 0.159 0.266 3.42 0.322
Composite NOX : 0.265 0.287 0.429 0.323 1.060 0.123 0.202 2.426 1.16 0.444
-----

*****
* MOBILE6.2.03 (24-Sep-2003)
* Input file: 15OZ.IN (file 1, run 21).
*****
*****New London Expressway *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no
OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test
that replaced the ASM

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*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2015\15SVMT6S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
    User supplied VMT mix.

* # # # # #
* New London County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 21, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
    data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
    Calendar Year: 2015
    Month: July
    Altitude: Low
    Minimum Temperature: 67.7 (F)
    Maximum Temperature: 95.5 (F)
    Minimum Rel. Hum.: 38.8 (%)
    Maximum Rel. Hum.: 90.6 (%)
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: Yes

    Vehicle Type:      LDGV      LDGT12      LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV      MC      All Veh
    GVWR:              <6000      >6000      (All)
    VMT Distribution:  0.3223    0.4416    0.1504      0.0239    0.0003    0.0023    0.0578    0.0014    1.0000

Composite Emission Factors (g/mi):
    Composite VOC :    0.313    0.250    0.304    0.264    0.353    0.079    0.129    0.191    3.74    0.282
    Composite NOX :    0.251    0.277    0.390    0.306    1.272    0.202    0.335    4.550    1.47    0.558

*****
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 15OZ.IN (file 1, run 22). *
*****
*****New London Arterials/Collectors *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)

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\*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
 \*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR  
 \* Reading ASM I/M Test Credits from ASMDATA.D  
 \*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external  
 \* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external  
 \* data file: Z:\SER29C\2015\15SVMT6S.CTY

\* Reading Hourly Roadway VMT distribution from the following external  
 \* data file: FCVMTA.CTY

Reading User Supplied ROADWAY VMT Factors  
 M615 Comment:  
 User supplied VMT mix.

#####  
 \* New London County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
 \* File 1, Run 22, Scenario 1.  
 #####  
 \*\*\* I/M credits for Tech1&2 vehicles were read from the following external  
 data file: TECH12.D

M 48 Warning:  
 there are no sales for vehicle class HDGV8b  
 M 48 Warning:  
 there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D  
 Calendar Year: 2015  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 67.7 (F)  
 Maximum Temperature: 95.5 (F)  
 Minimum Rel. Hum.: 38.8 (%)  
 Maximum Rel. Hum.: 90.6 (%)  
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
 Evap I/M Program: Yes  
 ATP Program: Yes  
 Reformulated Gas: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3394	0.4649	0.1584		0.0077	0.0003	0.0024	0.0184	0.0085	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.362	0.285	0.350	0.301	0.472	0.100	0.166	0.284	3.68	0.351
Composite NOX :	0.250	0.262	0.375	0.291	1.067	0.132	0.216	2.759	1.11	0.335

\*\*\*\*\*  
 \* MOBILE6.2.03 (24-Sep-2003) \*  
 \* Input file: 15OZ.IN (file 1, run 23). \*  
 \*\*\*\*\*  
 \*\*\*\*\*New London Local \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external  
 \* data file: NLEVNE.D  
 M616 Comment:  
 User has supplied post-1999 sulfur levels.  
 M603 Comment:  
 User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external  
 \* data file: CTREG05.D  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external  
 \* data file: CTIM05PL.D  
 \*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)  
 \*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM  
 \*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR  
 \*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)  
 \*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
 \*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D  
 \*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external  
 \* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external  
 \* data file: Z:\SER29C\2015\15SVMT6S.CTY

\* Reading Hourly Roadway VMT distribution from the following external  
 \* data file: FCVMTL.CTY

Reading User Supplied ROADWAY VMT Factors

M615 Comment:

User supplied VMT mix.

#####  
 \* New London County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
 \* File 1, Run 23, Scenario 1.  
 #####  
 \*\*\* I/M credits for Tech1&2 vehicles were read from the following external  
 data file: TECH12.D

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D

Calendar Year: 2015  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 67.7 (F)  
 Maximum Temperature: 95.5 (F)  
 Minimum Rel. Hum.: 38.8 (%)  
 Maximum Rel. Hum.: 90.6 (%)  
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
 Evap I/M Program: Yes  
 ATP Program: Yes  
 Reformulated Gas: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3386	0.4638	0.1580		0.0080	0.0003	0.0024	0.0193	0.0096	1.0000

Composite Emission Factors (g/mi):

Composite VOC :	0.487	0.392	0.480	0.414	0.826	0.160	0.274	0.557	4.93	0.488
Composite NOX :	0.257	0.258	0.360	0.284	0.881	0.165	0.273	3.231	0.92	0.343

\*\*\*\*\*  
 \* MOBILE6.2.03 (24-Sep-2003) \*  
 \* Input file: 15OZ.IN (file 1, run 24). \*  
 \*\*\*\*\*  
 \*\*\*\*\*New London Ramp \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external  
 \* data file: NLEVNE.D

M616 Comment:

User has supplied post-1999 sulfur levels.

M603 Comment:

User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external  
 \* data file: CTREG05.D

M 49 Warning:

1.00 MYR sum not = 1. (will normalize)

M 49 Warning:

1.00 MYR sum not = 1. (will normalize)

M 49 Warning:

1.00 MYR sum not = 1. (will normalize)

M 49 Warning:

1.00 MYR sum not = 1. (will normalize)

M 49 Warning:

1.00 MYR sum not = 1. (will normalize)

M 49 Warning:

1.00 MYR sum not = 1. (will normalize)

M 49 Warning:

1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external  
 \* data file: CTIM05PLD

\*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)

\*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM

\*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR

\*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)

\*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)

\*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D

\*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external  
\* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external  
\* data file: Z:\SER29C\2015\15SVMT6S.CTY

\* Reading Hourly Roadway VMT distribution from the following external  
\* data file: FCVMTR.CTY

Reading User Supplied ROADWAY VMT Factors  
M615 Comment:  
User supplied VMT mix.

#####  
\* New London County 2015 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
\* File 1, Run 24, Scenario 1.  
#####  
\*\*\* I/M credits for Tech1&2 vehicles were read from the following external  
data file: TECH12.D

M 48 Warning:  
there are no sales for vehicle class HDGV8b  
M 48 Warning:  
there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D  
Calendar Year: 2015  
Month: July  
Altitude: Low  
Minimum Temperature: 67.7 (F)  
Maximum Temperature: 95.5 (F)  
Minimum Rel. Hum.: 38.8 (%)  
Maximum Rel. Hum.: 90.6 (%)  
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
Evap I/M Program: Yes  
ATP Program: Yes  
Reformulated Gas: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3223	0.4416	0.1504		0.0239	0.0003	0.0023	0.0578	0.0014	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC :	0.366	0.285	0.355	0.303	0.435	0.096	0.159	0.266	3.54	0.328
Composite NOX :	0.265	0.286	0.427	0.322	1.061	0.123	0.202	2.426	1.12	0.443
-----										

\*\*\*\*\*  
\* MOBILE6.2.03 (24-Sep-2003) \*  
\* Input file: 15OZ.IN (file 1, run 25). \*  
\*\*\*\*\*  
\*\*\*\*\*Tolland Expressway \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external  
\* data file: NLEVNE.D  
M616 Comment:  
User has supplied post-1999 sulfur levels.

M603 Comment:  
User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external

\* data file: CTREG05.D  
M 49 Warning:

1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external  
\* data file: CTIM05PL.D

\*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)  
\*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM  
\*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR  
\*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)  
\*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
\*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D  
\*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external  
 \* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external  
 \* data file: Z:\SER29C\2015\15SVMT7S.CTY

\* Reading Hourly Roadway VMT distribution from the following external  
 \* data file: FCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors  
 M615 Comment:  
     User supplied VMT mix.

#####  
 \* Tolland County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
 \* File 1, Run 25, Scenario 1.  
 #####  
 \*\*\* I/M credits for Tech1&2 vehicles were read from the following external  
 data file: TECH12.D

M 48 Warning:  
     there are no sales for vehicle class HDGV8b

M 48 Warning:  
     there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D  
     Calendar Year: 2015  
     Month: July  
     Altitude: Low  
 Minimum Temperature: 67.7 (F)  
 Maximum Temperature: 95.5 (F)  
 Minimum Rel. Hum.: 38.8 (%)  
 Maximum Rel. Hum.: 90.6 (%)  
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
 Evap I/M Program: Yes  
 ATP Program: Yes  
 Reformulated Gas: Yes

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3223	0.4416	0.1504		0.0239	0.0003	0.0023	0.0578	0.0014	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC :	0.312	0.250	0.304	0.263	0.352	0.079	0.129	0.191	3.78	0.282
Composite NOX :	0.251	0.278	0.391	0.306	1.278	0.206	0.341	4.631	1.49	0.563
-----										

\*\*\*\*\*  
 \* MOBILE6.2.03 (24-Sep-2003) \*  
 \* Input file: 15OZ.IN (file 1, run 26). \*  
 \*\*\*\*\*  
 \*\*\*\*\*Tolland Arterials/Collectors \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external  
 \* data file: NLEVNE.D  
 M616 Comment:  
     User has supplied post-1999 sulfur levels.

M603 Comment:  
     User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external  
 \* data file: CTREG05.D

M 49 Warning:  
     1.00 MYR sum not = 1. (will normalize)

M 49 Warning:  
     1.00 MYR sum not = 1. (will normalize)

M 49 Warning:  
     1.00 MYR sum not = 1. (will normalize)

M 49 Warning:  
     1.00 MYR sum not = 1. (will normalize)

M 49 Warning:  
     1.00 MYR sum not = 1. (will normalize)

M 49 Warning:  
     1.00 MYR sum not = 1. (will normalize)

M 49 Warning:  
     1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external  
 \* data file: CTIM05PL.D  
 \*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)  
 \*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM  
 \*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR  
 \*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)  
 \*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
 \*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D  
 \*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external  
 \* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external  
 \* data file: Z:\SER29C\2015\15SVMT7S.CTY

\* Reading Hourly Roadway VMT distribution from the following external  
 \* data file: FCVMTA.CTY

Reading User Supplied ROADWAY VMT Factors  
 M615 Comment:

User supplied VMT mix.

#####  
 \* Tolland County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
 \* File 1, Run 26, Scenario 1.  
 #####  
 \*\*\* I/M credits for Tech1&2 vehicles were read from the following external  
 data file: TECH12.D

M 48 Warning:  
 there are no sales for vehicle class HDGV8b

M 48 Warning:  
 there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D

Calendar Year: 2015  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 67.7 (F)  
 Maximum Temperature: 95.5 (F)  
 Minimum Rel. Hum.: 38.8 (%)  
 Maximum Rel. Hum.: 90.6 (%)  
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
 Evap I/M Program: Yes  
 ATP Program: Yes  
 Reformulated Gas: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDTT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3394	0.4649	0.1584		0.0077	0.0003	0.0024	0.0184	0.0085	1.0000

-----  
 Composite Emission Factors (g/mi):

Composite VOC :	0.352	0.277	0.341	0.293	0.452	0.097	0.161	0.271	3.61	0.342
Composite NOX :	0.247	0.260	0.372	0.288	1.079	0.132	0.216	2.760	1.12	0.333

\*\*\*\*\*  
 \* MOBILE6.2.03 (24-Sep-2003) \*  
 \* Input file: 15OZ.IN (file 1, run 27). \*  
 \*\*\*\*\*  
 \*\*\*\*\*Tolland Local \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external  
 \* data file: NLEVNE.D

M616 Comment:  
 User has supplied post-1999 sulfur levels.

M603 Comment:  
 User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external  
 \* data file: CTREG05.D

M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external  
 \* data file: CTIM05PL.D

\*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)  
 \*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM  
 \*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR  
 \*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)  
 \*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
 \*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D  
 \*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external  
 \* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external

```

* data file: Z:\SER29C\2015\15SVMT7S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTL.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
    User supplied VMT mix.

* # # # # #
* Tolland County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 27, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
    Calendar Year: 2015
    Month: July
    Altitude: Low
    Minimum Temperature: 67.7 (F)
    Maximum Temperature: 95.5 (F)
    Minimum Rel. Hum.: 38.8 (%)
    Maximum Rel. Hum.: 90.6 (%)
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: Yes

    Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDDV LDDT HDDV MC All Veh
    GVWR: <6000 >6000 (All)
    VMT Distribution: 0.3386 0.4638 0.1580 0.0080 0.0003 0.0024 0.0193 0.0096 1.0000

-----
Composite Emission Factors (g/mi):
Composite VOC : 0.487 0.392 0.480 0.414 0.826 0.160 0.274 0.557 4.93 0.488
Composite NOX : 0.257 0.258 0.360 0.284 0.881 0.165 0.273 3.231 0.92 0.343
-----

*****
* MOBILE6.2.03 (24-Sep-2003)
* Input file: 15OZ.IN (file 1, run 28).
*****
*****Tolland Ramp *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2015\15SVMT7S.CTY

```

\* Reading Hourly Roadway VMT distribution from the following external  
\* data file: FCVMTR.CTY

Reading User Supplied ROADWAY VMT Factors  
M615 Comment:  
User supplied VMT mix.

\* #####  
\* Tolland County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
\* File 1, Run 28, Scenario 1.  
\* #####  
\*\*\* I/M credits for Tech1&2 vehicles were read from the following external  
data file: TECH12.D  
M 48 Warning:  
there are no sales for vehicle class HDGV8b  
M 48 Warning:  
there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D  
Calendar Year: 2015  
Month: July  
Altitude: Low  
Minimum Temperature: 67.7 (F)  
Maximum Temperature: 95.5 (F)  
Minimum Rel. Hum.: 38.8 (%)  
Maximum Rel. Hum.: 90.6 (%)  
Fuel Sulfur Content: 30. ppm  
Exhaust I/M Program: Yes  
Evap I/M Program: Yes  
ATP Program: Yes  
Reformulated Gas: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3223	0.4416	0.1504		0.0239	0.0003	0.0023	0.0578	0.0014	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC :	0.366	0.285	0.355	0.303	0.435	0.096	0.159	0.266	3.54	0.328
Composite NOX :	0.265	0.286	0.427	0.322	1.061	0.123	0.202	2.426	1.12	0.443

\*\*\*\*\*  
\* MOBILE6.2.03 (24-Sep-2003) \*  
\* Input file: 15OZ.IN (file 1, run 29). \*  
\*\*\*\*\*  
\*\*\*\*\*Windham Expressway \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external  
\* data file: NLEVNE.D  
M616 Comment:  
User has supplied post-1999 sulfur levels.  
M603 Comment:  
User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external  
\* data file: CTREG05.D  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external  
\* data file: CTIM05PL.D  
\*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)  
\*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM  
\*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR  
\*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)  
\*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
\*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D  
\*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external  
\* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external  
\* data file: Z:\SER29C\2015\15SVMT8S.CTY

\* Reading Hourly Roadway VMT distribution from the following external  
\* data file: FCVMTF.CTY



Reading User Supplied ROADWAY VMT Factors  
M615 Comment:

User supplied VMT mix.

\* #####  
\* Windham County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
\* File 1, Run 29, Scenario 1.  
\* #####  
\*\*\* I/M credits for Tech1&2 vehicles were read from the following external  
data file: TECH12.D

M 48 Warning:  
there are no sales for vehicle class HDGV8b  
M 48 Warning:  
there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D  
Calendar Year: 2015  
Month: July  
Altitude: Low  
Minimum Temperature: 67.7 (F)  
Maximum Temperature: 95.5 (F)  
Minimum Rel. Hum.: 38.8 (%)  
Maximum Rel. Hum.: 90.6 (%)  
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
Evap I/M Program: Yes  
ATP Program: Yes  
Reformulated Gas: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.3223	0.4416	0.1504		0.0239	0.0003	0.0023	0.0578	0.0014	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC :	0.312	0.250	0.303	0.263	0.352	0.079	0.129	0.190	3.80	0.281
Composite NOX :	0.252	0.278	0.391	0.307	1.279	0.208	0.344	4.662	1.49	0.565
-----										

\*\*\*\*\*  
\* MOBILE6.2.03 (24-Sep-2003) \*  
\* Input file: 15OZ.IN (file 1, run 30). \*  
\*\*\*\*\*  
\*\*\*\*\*Windham Arterials/Collectors \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external  
\* data file: NLEVNE.D  
M616 Comment:  
User has supplied post-1999 sulfur levels.  
M603 Comment:  
User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external  
\* data file: CTREG05.D  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external  
\* data file: CTIM05PL.D  
\*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)  
\*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM  
\*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR  
\*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)  
\*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
\*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D  
\*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external  
\* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external  
\* data file: Z:\SER29C\2015\15SVMT8S.CTY

\* Reading Hourly Roadway VMT distribution from the following external  
\* data file: FCVMTA.CTY

Reading User Supplied ROADWAY VMT Factors

M615 Comment:  
User supplied VMT mix.

\* #####  
\* Windham County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
\* File 1, Run 30, Scenario 1.  
\* #####  
\*\*\* I/M credits for Tech1&2 vehicles were read from the following external  
data file: TECH12.D

M 48 Warning:  
there are no sales for vehicle class HDGV8b  
M 48 Warning:  
there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D  
Calendar Year: 2015  
Month: July  
Altitude: Low  
Minimum Temperature: 67.7 (F)  
Maximum Temperature: 95.5 (F)  
Minimum Rel. Hum.: 38.8 (%)  
Maximum Rel. Hum.: 90.6 (%)  
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
Evap I/M Program: Yes  
ATP Program: Yes  
Reformulated Gas: Yes

Table with 11 columns: Vehicle Type, GVWR, VMT Distribution, Composite Emission Factors (g/mi) for VOC and NOX. Rows include LDGV, LDGT12, LDGT34, LDGT, HDGV, LDDV, LDDT, HDDV, MC, All Veh.

\*\*\*\*\*  
\* MOBILE6.2.03 (24-Sep-2003)  
\* Input file: 15OZ.IN (file 1, run 31).  
\*\*\*\*\*  
\*\*\*\*\*Windham Local\*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external  
\* data file: NLEVNE.D  
M616 Comment:  
User has supplied post-1999 sulfur levels.  
M603 Comment:  
User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external  
\* data file: CTREG05.D

M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external  
\* data file: CTIM05PL.D  
\*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)  
\*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM  
\*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR  
\*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)  
\*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
\*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D  
\*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external  
\* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external  
\* data file: Z:\SER29C\2015\15SVMT8S.CTY

\* Reading Hourly Roadway VMT distribution from the following external  
\* data file: FCVMTL.CTY

Reading User Supplied ROADWAY VMT Factors  
M615 Comment:  
User supplied VMT mix.

```

* # # # # #
* Windham County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 31, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
    data file: TECH12.D

```

```

M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

```

```

LEV phase-in data read from file NLEVNE.D
    Calendar Year: 2015
           Month: July
           Altitude: Low
    Minimum Temperature: 67.7 (F)
    Maximum Temperature: 95.5 (F)
    Minimum Rel. Hum.: 38.8 (%)
    Maximum Rel. Hum.: 90.6 (%)
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: Yes

```

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000		>6000		(All)					
VMT Distribution:	0.3386	0.4638	0.1580		0.0080	0.0003	0.0024	0.0193	0.0096	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC :	0.487	0.392	0.480	0.414	0.826	0.160	0.274	0.557	4.93	0.488
Composite NOX :	0.257	0.258	0.360	0.284	0.881	0.165	0.273	3.231	0.92	0.343

```

*****
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 15OZ.IN (file 1, run 32). *
*****
*****Windham Ramp *****

```

```

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

```

```

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)

```

```

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD))
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

```

```

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

```

```

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

```

```

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2015\15SVMT8S.CTY

```

```

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTR.CTY

```

```

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
    User supplied VMT mix.

```

```

* # # # # #

```

\* Windham County 2015 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
 \* File 1, Run 32, Scenario 1.  
 \* #####  
 \*\*\* I/M credits for Tech1&2 vehicles were read from the following external  
 data file: TECH12.D

M 48 Warning:  
 there are no sales for vehicle class HDGV8b  
 M 48 Warning:  
 there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D  
 Calendar Year: 2015  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 67.7 (F)  
 Maximum Temperature: 95.5 (F)  
 Minimum Rel. Hum.: 38.8 (%)  
 Maximum Rel. Hum.: 90.6 (%)  
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
 Evap I/M Program: Yes  
 ATP Program: Yes  
 Reformulated Gas: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000							
VMT Distribution:	0.3223	0.4416	0.1504		0.0239	0.0003	0.0023	0.0578	0.0014	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC :	0.366	0.285	0.355	0.303	0.435	0.096	0.159	0.266	3.54	0.328
Composite NOX :	0.265	0.286	0.427	0.322	1.061	0.123	0.202	2.426	1.12	0.443
-----										

```

*****
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 25OZ.IN (file 1, run 1). *
*****
* 2025 input file for DOT; created 9/4/03 PMB
* Updated for VMT fractions, new CTIM and speed files 10/05 jbr
*****Fairfield Expressway *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2025\25SVMT1S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
    User supplied VMT mix.

* # # # # #
* Fairfield County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 1, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
    Calendar Year: 2025
    Month: July
    Altitude: Low
    Minimum Temperature: 66.5 (F)
    Maximum Temperature: 91.6 (F)
    Minimum Rel. Hum.: 41.4 (%)
    Maximum Rel. Hum.: 92.1 (%)
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: Yes

    Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDDV LDDT HDDV MC All Veh
    GVWR: <6000 >6000 (All)
    VMT Distribution: 0.2933 0.4630 0.1578 0.0240 0.0003 0.0024 0.0578 0.0014 1.0000

-----
Composite Emission Factors (g/mi):
Composite VOC : 0.180 0.184 0.206 0.190 0.179 0.042 0.082 0.183 3.01 0.190

```

```

Composite NOX :      0.121      0.173      0.244      0.191      0.377      0.041      0.157      1.125      1.41      0.230
-----

```

```

*****
* MOBILE6.2.03 (24-Sep-2003)
* Input file: 25OZ.IN (file 1, run 2).
*
*****Fairfield Arterials/Collectors *****

```

```

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
User has supplied post-1999 sulfur levels.
M603 Comment:
User has disabled the calculation of REFUELING emissions.

```

```

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
1.00 MYR sum not = 1. (will normalize)

```

- M 49 Warning: 1.00 MYR sum not = 1. (will normalize)
- M 49 Warning: 1.00 MYR sum not = 1. (will normalize)
- M 49 Warning: 1.00 MYR sum not = 1. (will normalize)
- M 49 Warning: 1.00 MYR sum not = 1. (will normalize)
- M 49 Warning: 1.00 MYR sum not = 1. (will normalize)
- M 49 Warning: 1.00 MYR sum not = 1. (will normalize)
- M 49 Warning: 1.00 MYR sum not = 1. (will normalize)
- M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

```

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 FMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no
OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test
that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

```

```

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

```

```

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

```

```

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2025\25SVMT1S.CTY

```

```

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTA.CTY

```

```

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
User supplied VMT mix.

```

```

* # # # # #
* Fairfield County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 2, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class LDGT12

```

```

LEV phase-in data read from file NLEVNE.D
Calendar Year: 2025
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content: 30. ppm

```

```

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

```

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDGT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3091	0.4873	0.1662		0.0077	0.0003	0.0025	0.0184	0.0085	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC :	0.235	0.230	0.256	0.237	0.287	0.056	0.112	0.284	3.36	0.264
Composite NOX :	0.133	0.175	0.248	0.193	0.316	0.031	0.117	0.813	1.12	0.195

```

*****
* MOBILE6.2.03 (24-Sep-2003)
* Input file: 250Z.IN (file 1, run 3).
*****
*****Fairfield Local *****

```

```

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

```

```

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)

```

```

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

```

```

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

```

```

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

```

```

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2025\25SVMT1S.CTY

```

```

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTL.CTY

```

```

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
    User supplied VMT mix.

```

```

* # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
* Fairfield County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 3, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

```

```

LEV phase-in data read from file NLEVNE.D
Calendar Year: 2025
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content: 30. ppm

```

```

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

```

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000		(All)						
VMT Distribution:	0.3084	0.4861	0.1657		0.0081	0.0003	0.0025	0.0193	0.0096	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC :	0.301	0.295	0.325	0.303	0.458	0.081	0.167	0.465	4.27	0.344
Composite NOX :	0.130	0.164	0.221	0.178	0.274	0.038	0.144	0.975	0.95	0.187

```

*****
* MOBILE6.2.03 (24-Sep-2003)
*
```





\*\*\*\*\*Hartford Expressway \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
\* data file: NLEVNE.D

M616 Comment:
User has supplied post-1999 sulfur levels.
M603 Comment:
User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external
\* data file: CTREG05.D

M 49 Warning:
1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external
\* data file: CTIM05PL.D

\*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
\*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
\*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
\*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
\*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
\*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D

\*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external

\* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external

\* data file: Z:\SER29C\2025\25SVMT2S.CTY

\* Reading Hourly Roadway VMT distribution from the following external

\* data file: FCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors

M615 Comment:
User supplied VMT mix.

\*\*\*\*\*
\* Hartford County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
\* File 1, Run 5, Scenario 1.
\*\*\*\*\*
\*\*\* I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D

M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D

Calendar Year: 2025
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Table with columns: Vehicle Type, LDGV, LDGT12, LDGT34, LDGT, HDGV, LDDV, LDDT, HDDV, MC, All Veh. Rows include GVWR, VMT Distribution, and Composite Emission Factors (g/mi).

\*\*\*\*\*
\* MOBILE6.2.03 (24-Sep-2003)
\* Input file: 25OZ.IN (file 1, run 6).
\*\*\*\*\*
\*\*\*\*\*Hartford Arterials/Collectors \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external  
 \* data file: NLEVNE.D  
 M616 Comment:  
     User has supplied post-1999 sulfur levels.  
 M603 Comment:  
     User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external  
 \* data file: CTREG05.D  
 M 49 Warning:  
     1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
     1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
     1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
     1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
     1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
     1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
     1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
     1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external  
 \* data file: CTIM05PLD  
 \*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)  
 \*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM  
 \*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR  
 \*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)  
 \*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
 \*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D  
 \*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external  
 \* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external  
 \* data file: Z:\SER29C\2025\25SVMT2S.CTY

\* Reading Hourly Roadway VMT distribution from the following external  
 \* data file: FCVMTA.CTY

Reading User Supplied ROADWAY VMT Factors  
 M615 Comment:  
     User supplied VMT mix.

#####  
 \* Hartford County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
 \* File 1, Run 6, Scenario 1.  
 #####  
 \*\*\* I/M credits for Tech1&2 vehicles were read from the following external  
 data file: TECH12.D

M 48 Warning:  
     there are no sales for vehicle class HDGV8b  
 M 48 Warning:  
     there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D  
 Calendar Year: 2025  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 67.7 (F)  
 Maximum Temperature: 95.5 (F)  
 Minimum Rel. Hum.: 38.8 (%)  
 Maximum Rel. Hum.: 90.6 (%)  
 Fuel Sulfur Content: 30. ppm  
  
 Exhaust I/M Program: Yes  
 Evap I/M Program: Yes  
 ATP Program: Yes  
 Reformulated Gas: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000		>6000							
VMT Distribution:	0.3091	0.4873	0.1662		0.0077	0.0003	0.0025	0.0184	0.0085	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC :	0.225	0.222	0.248	0.229	0.270	0.053	0.107	0.266	3.32	0.254
Composite NOX :	0.130	0.171	0.242	0.189	0.321	0.030	0.115	0.795	1.08	0.190
-----										

\*\*\*\*\*  
 \* MOBILE6.2.03 (24-Sep-2003) \*  
 \* Input file: 25OZ.IN (file 1, run 7). \*  
 \*\*\*\*\*  
 \*\*\*\*\*Hartford Local \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external  
 \* data file: NLEVNE.D

M616 Comment: User has supplied post-1999 sulfur levels.  
M603 Comment: User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external  
\* data file: CTREG05.D  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external  
\* data file: CTIM05PL.D  
\*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)  
\*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM  
\*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR  
\*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)  
\*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
\*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D  
\*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external  
\* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external  
\* data file: Z:\SER29C\2025\25SVMT2S.CTY

\* Reading Hourly Roadway VMT distribution from the following external  
\* data file: FCVMTL.CTY

Reading User Supplied ROADWAY VMT Factors  
M615 Comment: User supplied VMT mix.

\* # # # # #  
\* Hartford County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
\* File 1, Run 7, Scenario 1.  
\* # # # # #  
\*\*\* I/M credits for Tech1&2 vehicles were read from the following external  
data file: TECH12.D  
M 48 Warning:  
there are no sales for vehicle class HDGV8b  
M 48 Warning:  
there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D  
Calendar Year: 2025  
Month: July  
Altitude: Low  
Minimum Temperature: 67.7 (F)  
Maximum Temperature: 95.5 (F)  
Minimum Rel. Hum.: 38.8 (%)  
Maximum Rel. Hum.: 90.6 (%)  
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
Evap I/M Program: Yes  
ATP Program: Yes  
Reformulated Gas: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDLT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.3084	0.4861	0.1657		0.0081	0.0003	0.0025	0.0193	0.0096	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC :	0.304	0.302	0.333	0.310	0.467	0.081	0.167	0.465	4.39	0.351
Composite NOX :	0.134	0.164	0.222	0.179	0.274	0.038	0.144	0.975	0.92	0.188
-----										

\*\*\*\*\*  
\* MOBILE6.2.03 (24-Sep-2003) \*  
\* Input file: 25OZ.IN (file 1, run 8). \*  
\*\*\*\*\*  
\*\*\*\*\*Hartford Ramp \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external  
\* data file: NLEVNE.D  
M616 Comment: User has supplied post-1999 sulfur levels.





```

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2025\25SVMT3S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTA.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
      User supplied VMT mix.

* # # # # #
* Litchfield County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 10, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
      there are no sales for vehicle class HDGV8b
M 48 Warning:
      there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
Calendar Year: 2025
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDDV LDDT HDDV MC All Veh
GVWR: <6000 >6000 (All)
VMT Distribution: 0.3091 0.4873 0.1662 0.0077 0.0003 0.0025 0.0184 0.0085 1.0000

Composite Emission Factors (g/mi):
Composite VOC : 0.200 0.199 0.222 0.205 0.218 0.046 0.092 0.216 3.02 0.227
Composite NOX : 0.122 0.166 0.235 0.184 0.341 0.030 0.116 0.804 1.14 0.185

*****
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 25OZ.IN (file 1, run 11). *
*****
*****Litchfield Local *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
      User has supplied post-1999 sulfur levels.
M603 Comment:
      User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D

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M 49 Warning: 1.00 MYR sum not = 1. (will normalize)  
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)  
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)  
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)  
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)  
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)  
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)  
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external  
\* data file: CTIM05PL.D  
\*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)  
\*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM  
\*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR  
\*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)  
\*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
\*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D  
\*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external  
\* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external  
\* data file: Z:\SER29C\2025\25SVMT3S.CTY

\* Reading Hourly Roadway VMT distribution from the following external  
\* data file: FCVMTL.CTY

Reading User Supplied ROADWAY VMT Factors  
M615 Comment:  
User supplied VMT mix.

#####  
\* Litchfield County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
\* File 1, Run 11, Scenario 1.  
#####  
\*\*\* I/M credits for Tech1&2 vehicles were read from the following external  
data file: TECH12.D

M 48 Warning:  
there are no sales for vehicle class HDGV8b  
M 48 Warning:  
there are no sales for vehicle class LDdT12

LEV phase-in data read from file NLEVNE.D  
Calendar Year: 2025  
Month: July  
Altitude: Low  
Minimum Temperature: 67.7 (F)  
Maximum Temperature: 95.5 (F)  
Minimum Rel. Hum.: 38.8 (%)  
Maximum Rel. Hum.: 90.6 (%)  
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
Evap I/M Program: Yes  
ATP Program: Yes  
Reformulated Gas: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDdT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.3084	0.4861	0.1657		0.0081	0.0003	0.0025	0.0193	0.0096	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.304	0.302	0.333	0.310	0.467	0.081	0.167	0.465	4.39	0.351
Composite NOX :	0.134	0.164	0.222	0.179	0.274	0.038	0.144	0.975	0.92	0.188

\*\*\*\*\*  
\* MOBILE6.2.03 (24-Sep-2003) \*  
\* Input file: 25OZ.IN (file 1, run 12). \*  
\*\*\*\*\*  
\*\*\*\*\*Litchfield Ramp \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external  
\* data file: NLEVNE.D  
M616 Comment:  
User has supplied post-1999 sulfur levels.  
M603 Comment:  
User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external  
\* data file: CTREG05.D  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)

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M 49 Warning:      1.00    MYR sum not = 1. (will normalize)
M 49 Warning:      1.00    MYR sum not = 1. (will normalize)
M 49 Warning:      1.00    MYR sum not = 1. (will normalize)
M 49 Warning:      1.00    MYR sum not = 1. (will normalize)
M 49 Warning:      1.00    MYR sum not = 1. (will normalize)
M 49 Warning:      1.00    MYR sum not = 1. (will normalize)
M 49 Warning:      1.00    MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2025\25SVMT3S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTR.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
    User supplied VMT mix.

* # # # # #
* Litchfield County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 12, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
    Calendar Year: 2025
    Month: July
    Altitude: Low
    Minimum Temperature: 67.7 (F)
    Maximum Temperature: 95.5 (F)
    Minimum Rel. Hum.: 38.8 (%)
    Maximum Rel. Hum.: 90.6 (%)
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: Yes

    Vehicle Type:      LDGV      LDGT12      LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV      MC      All Veh
    GVWR:              <6000     >6000      (All)
    VMT Distribution:  0.2933    0.4630    0.1578      -----  0.0240    0.0003    0.0024    0.0578    0.0014    1.0000
-----
Composite Emission Factors (g/mi):
    Composite VOC :    0.209    0.205    0.234    0.213    0.216    0.047    0.094    0.222    2.99    0.216
    Composite NOX :    0.130    0.183    0.278    0.207    0.330    0.028    0.106    0.726    1.12    0.218
-----
*****
* MOBILE6.2.03 (24-Sep-2003)
* Input file: 25OZ.IN (file 1, run 13).
*****
*****Middlesex Expressway *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)

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M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no
OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test
that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2025\25SVMT4S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTA.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
    User supplied VMT mix.

* # # # # #
* Middlesex County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 14, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
Calendar Year: 2025
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type:      LDGV      LDGT12      LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV      MC      All Veh
GVWR:              <6000      >6000      (All)
VMT Distribution:  0.3091      0.4873      0.1662      -----      0.0077      0.0003      0.0025      0.0184      0.0085      1.0000
-----

Composite Emission Factors (g/mi):
Composite VOC :    0.214      0.211      0.235      0.217      0.247      0.051      0.102      0.249      3.12      0.241
Composite NOX :    0.125      0.169      0.240      0.187      0.327      0.030      0.115      0.798      1.15      0.188
-----

*****
* MOBILE6.2.03 (24-Sep-2003)
* Input file: 25OZ.IN (file 1, run 15).
*****
*****Middlesex Local *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
    1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00      MYR sum not = 1. (will normalize)

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M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no
OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test
that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2025\25SVMT4S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTL.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
      User supplied VMT mix.

* # # # # #
* Middlesex County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 15, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
      there are no sales for vehicle class HDGV8b
M 48 Warning:
      there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
      Calendar Year: 2025
      Month: July
      Altitude: Low
      Minimum Temperature: 66.5 (F)
      Maximum Temperature: 91.6 (F)
      Minimum Rel. Hum.: 41.4 (%)
      Maximum Rel. Hum.: 92.1 (%)
      Fuel Sulfur Content: 30. ppm

      Exhaust I/M Program: Yes
      Evap I/M Program: Yes
      ATP Program: Yes
      Reformulated Gas: Yes

      Vehicle Type:      LDGV      LDGT12      LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV      MC      All Veh
      GVWR:              <6000      >6000      (All)
      VMT Distribution:  0.3084    0.4861    0.1657          0.0081    0.0003    0.0025    0.0193    0.0096    1.0000

Composite Emission Factors (g/mi):
Composite VOC :      0.301    0.295    0.325    0.303    0.458    0.081    0.167    0.465    4.27    0.344
Composite NOX :      0.130    0.164    0.221    0.178    0.274    0.038    0.144    0.975    0.95    0.187

*****
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 25OZ.IN (file 1, run 16). *
*****
*****Middlesex Ramp *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
      User has supplied post-1999 sulfur levels.
M603 Comment:
      User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)

```

M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external  
 \* data file: CTIM05PL.D  
 \*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)  
 \*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM  
 \*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR  
 \*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)  
 \*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
 \*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D  
 \*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external  
 \* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external  
 \* data file: Z:\SER29C\2025\25SVMT4S.CTY

\* Reading Hourly Roadway VMT distribution from the following external  
 \* data file: FVMT4S.CTY

Reading User Supplied ROADWAY VMT Factors  
 M615 Comment:  
 User supplied VMT mix.

\* # # # # #  
 \* Middlesex County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
 \* File 1, Run 16, Scenario 1.  
 \* # # # # #  
 \*\*\* I/M credits for Tech1&2 vehicles were read from the following external  
 data file: TECH12.D  
 M 48 Warning:  
 there are no sales for vehicle class HDGV8b  
 M 48 Warning:  
 there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D  
 Calendar Year: 2025  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 66.5 (F)  
 Maximum Temperature: 91.6 (F)  
 Minimum Rel. Hum.: 41.4 (%)  
 Maximum Rel. Hum.: 92.1 (%)  
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
 Evap I/M Program: Yes  
 ATP Program: Yes  
 Reformulated Gas: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.2933	0.4630	0.1578		0.0240	0.0003	0.0024	0.0578	0.0014	1.0000

-----

Composite Emission Factors (g/mi):  
 Composite VOC : 0.206 0.202 0.231 0.209 0.210 0.047 0.094 0.222 2.89 0.212  
 Composite NOX : 0.130 0.183 0.279 0.208 0.329 0.028 0.106 0.726 1.16 0.219

-----

\*\*\*\*\*  
 \* MOBILE6.2.03 (24-Sep-2003) \*  
 \* Input file: 25OZ.IN (file 1, run 17). \*  
 \*\*\*\*\*  
 \*\*\*\*\*New Haven Expressway \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external  
 \* data file: NLEVNE.D  
 M616 Comment:  
 User has supplied post-1999 sulfur levels.  
 M603 Comment:  
 User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external  
 \* data file: CTREG05.D  
 M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

```

M 49 Warning:      1.00      MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 FMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2025\25SVMT5S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
      User supplied VMT mix.

* # # # # #
* New Haven County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 17, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
      there are no sales for vehicle class HDGV8b
M 48 Warning:
      there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
      Calendar Year: 2025
      Month: July
      Altitude: Low
      Minimum Temperature: 66.5 (F)
      Maximum Temperature: 91.6 (F)
      Minimum Rel. Hum.: 41.4 (%)
      Maximum Rel. Hum.: 92.1 (%)
      Fuel Sulfur Content: 30. ppm

      Exhaust I/M Program: Yes
      Evap I/M Program: Yes
      ATP Program: Yes
      Reformulated Gas: Yes

      Vehicle Type:      LDGV      LDGT12      LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV      MC      All Veh
      GVWR:              <6000      >6000      (All)
      VMT Distribution:  0.2933    0.4630    0.1578      0.0240    0.0003    0.0024    0.0578    0.0014    1.0000

-----
Composite Emission Factors (g/mi):
Composite VOC :      0.174    0.179    0.200    0.185    0.165    0.040    0.078    0.168    3.03    0.184
Composite NOX :      0.121    0.175    0.246    0.193    0.387    0.043    0.166    1.192    1.48    0.236
-----

*****
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 25OZ.IN (file 1, run 18). *
*****
*****New Haven Arterials/Collectors *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
      User has supplied post-1999 sulfur levels.
M603 Comment:
      User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)

```



\* data file: CTIM05PL.D
\*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
\*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
\*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
\*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
\*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
\*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D
\*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external
\* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external
\* data file: Z:\SER29C\2025\25SVMT5S.CTY

\* Reading Hourly Roadway VMT distribution from the following external
\* data file: FCVMTL.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:

User supplied VMT mix.

\* \* \* \* \*
\* New Haven County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gas cap, ATP, RFG2
\* File 1, Run 19, Scenario 1.
\* \* \* \* \*
\*\*\* I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D

M 48 Warning: there are no sales for vehicle class HDGV8b
M 48 Warning: there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D

Calendar Year: 2025
Month: July
Altitude: Low
Minimum Temperature: 66.5 (F)
Maximum Temperature: 91.6 (F)
Minimum Rel. Hum.: 41.4 (%)
Maximum Rel. Hum.: 92.1 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Table with 11 columns: Vehicle Type, GVWR, VMT Distribution, LDGV, LDGT12, LDGT34, LDGT (All), HDGV, LDDV, LDDT, HDDV, MC, All Veh.

Table with 11 columns: Composite Emission Factors (g/mi): Composite VOC, Composite NOX, LDGV, LDGT12, LDGT34, LDGT (All), HDGV, LDDV, LDDT, HDDV, MC, All Veh.

\*\*\*\*\*
\* MOBILE6.2.03 (24-Sep-2003) \*
\* Input file: 25OZ.IN (file 1, run 20). \*
\*\*\*\*\*New Haven Ramp \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
\* data file: NLEVNE.D
M616 Comment: User has supplied post-1999 sulfur levels.
M603 Comment: User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external
\* data file: CTREG05.D
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external
\* data file: CTIM05PL.D

```

*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no
OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test
that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2025\25SVMT5S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTR.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
    User supplied VMT mix.

* # # # # #
* New Haven County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 20, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
    Calendar Year: 2025
    Month: July
    Altitude: Low
    Minimum Temperature: 66.5 (F)
    Maximum Temperature: 91.6 (F)
    Minimum Rel. Hum.: 41.4 (%)
    Maximum Rel. Hum.: 92.1 (%)
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: Yes

    Vehicle Type: LDGV LDGT12 LDGT34 LDGT (All) HDGV LDDV LDDT HDDV MC All Veh
    GVWR: <6000 >6000
    VMT Distribution: 0.2933 0.4630 0.1578 0.0240 0.0003 0.0024 0.0578 0.0014 1.0000

-----
Composite Emission Factors (g/mi):
Composite VOC : 0.206 0.202 0.231 0.209 0.210 0.047 0.094 0.222 2.89 0.212
Composite NOX : 0.130 0.183 0.279 0.208 0.329 0.028 0.106 0.726 1.16 0.219
-----

*****
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 25OZ.IN (file 1, run 21). *
*****
*****New London Expressway *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no
OBD)

```



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*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test
that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2025\25SVMT6S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
    User supplied VMT mix.

* # # # # #
* New London County 2025 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 21, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
    Calendar Year: 2025
    Month: July
    Altitude: Low
    Minimum Temperature: 67.7 (F)
    Maximum Temperature: 95.5 (F)
    Minimum Rel. Hum.: 38.8 (%)
    Maximum Rel. Hum.: 90.6 (%)
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: Yes

    Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDDV LDDT HDDV MC All Veh
    GVWR: <6000 >6000 (All)
    VMT Distribution: 0.2933 0.4630 0.1578 0.0240 0.0003 0.0024 0.0578 0.0014 1.0000

Composite Emission Factors (g/mi):
Composite VOC : 0.172 0.178 0.199 0.183 0.161 0.038 0.075 0.160 3.19 0.182
Composite NOX : 0.121 0.176 0.248 0.195 0.395 0.046 0.176 1.258 1.47 0.241

*****
* MOBILE6.2.03 (24-Sep-2003)
* Input file: 25OZ.IN (file 1, run 22).
*****
*****New London Arterials/Collectors *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no
OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test
that replaced the ASM

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*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2025\25SVMT6S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTA.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
    User supplied VMT mix.

* # # # # #
* New London County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 22, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
    data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
    Calendar Year: 2025
    Month: July
    Altitude: Low
    Minimum Temperature: 67.7 (F)
    Maximum Temperature: 95.5 (F)
    Minimum Rel. Hum.: 38.8 (%)
    Maximum Rel. Hum.: 90.6 (%)
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: Yes

    Vehicle Type:    LDGV    LDGT12    LDGT34    LDGT    HDGV    LDDV    LDDT    HDDV    MC    All Veh
    GVWR:            <6000    >6000    (All)

VMT Distribution:  0.3091    0.4873    0.1662                0.0077    0.0003    0.0025    0.0184    0.0085    1.0000
-----
Composite Emission Factors (g/mi):
Composite VOC :    0.213    0.211    0.235    0.217    0.245    0.050    0.100    0.242    3.18    0.241
Composite NOX :    0.126    0.168    0.237    0.185    0.330    0.030    0.114    0.790    1.11    0.187
-----
*****
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 25OZ.IN (file 1, run 23). *
*****
*****New London Local *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no
OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test
that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)

```

\*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
\*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D

\*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external  
\* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external  
\* data file: Z:\SER29C\2025\25SVMT6S.CTY

\* Reading Hourly Roadway VMT distribution from the following external  
\* data file: FCVMTL.CTY

Reading User Supplied ROADWAY VMT Factors  
M615 Comment:

User supplied VMT mix.

#####  
\* New London County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
\* File 1, Run 23, Scenario 1.  
#####  
\*\*\* I/M credits for Tech1&2 vehicles were read from the following external  
data file: TECH12.D

M 48 Warning:  
there are no sales for vehicle class HDGV8b  
M 48 Warning:  
there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D  
Calendar Year: 2025  
Month: July  
Altitude: Low  
Minimum Temperature: 67.7 (F)  
Maximum Temperature: 95.5 (F)  
Minimum Rel. Hum.: 38.8 (%)  
Maximum Rel. Hum.: 90.6 (%)  
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
Evap I/M Program: Yes  
ATP Program: Yes  
Reformulated Gas: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3084	0.4861	0.1657		0.0081	0.0003	0.0025	0.0193	0.0096	1.0000

Composite Emission Factors (g/mi):										
Composite VOC :	0.304	0.302	0.333	0.310	0.467	0.081	0.167	0.465	4.39	0.351
Composite NOX :	0.134	0.164	0.222	0.179	0.274	0.038	0.144	0.975	0.92	0.188

\*\*\*\*\*  
\* MOBILE6.2.03 (24-Sep-2003) \*  
\* Input file: 25OZ.IN (file 1, run 24). \*  
\*\*\*\*\*  
\*\*\*\*\*New London Ramp \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external  
\* data file: NLEVNE.D  
M616 Comment:

User has supplied post-1999 sulfur levels.

M603 Comment:  
User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external  
\* data file: CTREG05.D

M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external  
\* data file: CTIM05PL.D

\*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)  
\*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM  
\*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR  
\*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)  
\*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
\*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D  
 \*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external  
 \* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external  
 \* data file: Z:\SER29C\2025\25SVMT6S.CTY

\* Reading Hourly Roadway VMT distribution from the following external  
 \* data file: FCVMTR.CTY

Reading User Supplied ROADWAY VMT Factors  
 M615 Comment:

User supplied VMT mix.

#####  
 \* New London County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
 \* File 1, Run 24, Scenario 1.  
 #####  
 \*\*\* I/M credits for Tech1&2 vehicles were read from the following external  
 data file: TECH12.D

M 48 Warning:  
 there are no sales for vehicle class HDGV8b  
 M 48 Warning:  
 there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D  
 Calendar Year: 2025  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 67.7 (F)  
 Maximum Temperature: 95.5 (F)  
 Minimum Rel. Hum.: 38.8 (%)  
 Maximum Rel. Hum.: 90.6 (%)  
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
 Evap I/M Program: Yes  
 ATP Program: Yes  
 Reformulated Gas: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.2933	0.4630	0.1578		0.0240	0.0003	0.0024	0.0578	0.0014	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC :	0.209	0.205	0.234	0.213	0.216	0.047	0.094	0.222	2.99	0.216
Composite NOX :	0.130	0.183	0.278	0.207	0.330	0.028	0.106	0.726	1.12	0.218
-----										

\*\*\*\*\*  
 \* MOBILE6.2.03 (24-Sep-2003) \*  
 \* Input file: 25OZ.IN (file 1, run 25). \*  
 \*\*\*\*\*  
 \*\*\*\*\*Tolland Expressway \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external  
 \* data file: NLEVNE.D

M616 Comment:  
 User has supplied post-1999 sulfur levels.  
 M603 Comment:  
 User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external  
 \* data file: CTREG05.D

M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external

\* data file: CTIM05PL.D  
 \*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)  
 \*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM  
 \*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR  
 \*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)  
 \*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
 \*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D

\*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external  
\* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external  
\* data file: Z:\SER29C\2025\25SVMT7S.CTY

\* Reading Hourly Roadway VMT distribution from the following external  
\* data file: FCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors  
M615 Comment:  
User supplied VMT mix.

\* # # # # #  
\* Tolland County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
\* File 1, Run 25, Scenario 1.  
\* # # # # #  
\*\*\* I/M credits for Tech1&2 vehicles were read from the following external  
data file: TECH12.D

M 48 Warning:  
there are no sales for vehicle class HDGV8b  
M 48 Warning:  
there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D  
Calendar Year: 2025  
Month: July  
Altitude: Low  
Minimum Temperature: 67.7 (F)  
Maximum Temperature: 95.5 (F)  
Minimum Rel. Hum.: 38.8 (%)  
Maximum Rel. Hum.: 90.6 (%)  
Fuel Sulfur Content: 30. ppm  
  
Exhaust I/M Program: Yes  
Evap I/M Program: Yes  
ATP Program: Yes  
Reformulated Gas: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.2933	0.4630	0.1578		0.0240	0.0003	0.0024	0.0578	0.0014	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.172	0.178	0.198	0.183	0.161	0.038	0.075	0.159	3.22	0.182
Composite NOX :	0.122	0.177	0.248	0.195	0.396	0.046	0.178	1.277	1.48	0.242

\*\*\*\*\*  
\* MOBILE6.2.03 (24-Sep-2003) \*  
\* Input file: 25OZ.IN (file 1, run 26). \*  
\*\*\*\*\*  
\*\*\*\*\*Tolland Arterials/Collectors \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external  
\* data file: NLEVNE.D  
M616 Comment:  
User has supplied post-1999 sulfur levels.  
M603 Comment:  
User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external  
\* data file: CTREG05.D  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external  
\* data file: CTIM05PL.D  
\*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)  
\*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM  
\*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR  
\*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)  
\*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
\*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D  
\*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

```

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2025\25SVMT7S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTA.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
    User supplied VMT mix.

* # # # # #
* Tolland County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 26, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
    data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
    Calendar Year: 2025
           Month: July
           Altitude: Low
    Minimum Temperature: 67.7 (F)
    Maximum Temperature: 95.5 (F)
    Minimum Rel. Hum.: 38.8 (%)
    Maximum Rel. Hum.: 90.6 (%)
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: Yes

    Vehicle Type:    LDGV    LDGT12    LDGT34    LDGT    HDGV    LDDV    LDDT    HDDV    MC    All Veh
    GVWR:            <6000    >6000    (All)
VMT Distribution:  0.3091  0.4873  0.1662                0.0077  0.0003  0.0025  0.0184  0.0085  1.0000

Composite Emission Factors (g/mi):
Composite VOC :    0.206    0.205    0.228    0.211    0.232    0.049    0.097    0.233    3.10    0.234
Composite NOX :    0.123    0.166    0.235    0.183    0.333    0.030    0.114    0.789    1.12    0.185

*****
* MOBILE6.2.03 (24-Sep-2003)
* Input file: 25OZ.IN (file 1, run 27).
*****
*****Tolland Local *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 FMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

```

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external  
\* data file: Z:\SER29C\2025\25SVMT7S.CTY

\* Reading Hourly Roadway VMT distribution from the following external  
\* data file: FCVMTL.CTY

Reading User Supplied ROADWAY VMT Factors  
M615 Comment:  
User supplied VMT mix.

#####  
\* Tolland County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
\* File 1, Run 27, Scenario 1.  
#####  
\*\*\* I/M credits for Tech1&2 vehicles were read from the following external  
data file: TECH12.D  
M 48 Warning:  
there are no sales for vehicle class HDGV8b  
M 48 Warning:  
there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D  
Calendar Year: 2025  
Month: July  
Altitude: Low  
Minimum Temperature: 67.7 (F)  
Maximum Temperature: 95.5 (F)  
Minimum Rel. Hum.: 38.8 (%)  
Maximum Rel. Hum.: 90.6 (%)  
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
Evap I/M Program: Yes  
ATP Program: Yes  
Reformulated Gas: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.3084	0.4861	0.1657		0.0081	0.0003	0.0025	0.0193	0.0096	1.0000

-----

Composite Emission Factors (g/mi):										
Composite VOC :	0.304	0.302	0.333	0.310	0.467	0.081	0.167	0.465	4.39	0.351
Composite NOX :	0.134	0.164	0.222	0.179	0.274	0.038	0.144	0.975	0.92	0.188

-----

\*\*\*\*\*  
\* MOBILE6.2.03 (24-Sep-2003) \*  
\* Input file: 25OZ.IN (file 1, run 28). \*  
\*\*\*\*\*  
\*\*\*\*\*Tolland Ramp \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external  
\* data file: NLEVNE.D  
M616 Comment:  
User has supplied post-1999 sulfur levels.  
M603 Comment:  
User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external  
\* data file: CTREG05.D  
M 49 Warning:

1.00 MYR sum not = 1. (will normalize)  
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)  
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)  
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)  
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)  
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)  
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external  
\* data file: CTIM05PL.D  
\*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)  
\*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM  
\*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR  
\*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)  
\*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
\*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D  
\*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external  
\* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external

```

* data file: Z:\SER29C\2025\25SVMT7S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTR.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
    User supplied VMT mix.

* # # # # #
* Tolland County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 28, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
    Calendar Year: 2025
    Month: July
    Altitude: Low
    Minimum Temperature: 67.7 (F)
    Maximum Temperature: 95.5 (F)
    Minimum Rel. Hum.: 38.8 (%)
    Maximum Rel. Hum.: 90.6 (%)
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: Yes

    Vehicle Type: LDGV LDGT12 LDGT34 LDGT (HDGV LDDV LDDT HDDV MC All Veh
    GVWR: <6000 >6000 (All)
    VMT Distribution: 0.2933 0.4630 0.1578 0.0240 0.0003 0.0024 0.0578 0.0014 1.0000

-----
Composite Emission Factors (g/mi):
Composite VOC : 0.209 0.205 0.234 0.213 0.216 0.047 0.094 0.222 2.99 0.216
Composite NOX : 0.130 0.183 0.278 0.207 0.330 0.028 0.106 0.726 1.12 0.218
-----

*****
* MOBILE6.2.03 (24-Sep-2003)
* Input file: 25OZ.IN (file 1, run 29).
*****
*****Windham Expressway *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2025\25SVMT8S.CTY

```



\* Reading Hourly Roadway VMT distribution from the following external data file: FCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors

M615 Comment:

User supplied VMT mix.

\* #####  
 \* Windham County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
 \* File 1, Run 29, Scenario 1.  
 \* #####  
 \*\*\* I/M credits for Tech1&2 vehicles were read from the following external data file: TECH12.D

M 48 Warning:  
 there are no sales for vehicle class HDGV8b  
 M 48 Warning:  
 there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D

Calendar Year: 2025  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 67.7 (F)  
 Maximum Temperature: 95.5 (F)  
 Minimum Rel. Hum.: 38.8 (%)  
 Maximum Rel. Hum.: 90.6 (%)  
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
 Evap I/M Program: Yes  
 ATP Program: Yes  
 Reformulated Gas: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.2933	0.4630	0.1578		0.0240	0.0003	0.0024	0.0578	0.0014	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC :	0.172	0.178	0.198	0.183	0.160	0.038	0.075	0.159	3.25	0.182
Composite NOX :	0.122	0.177	0.249	0.195	0.397	0.047	0.181	1.298	1.49	0.244
-----										

\*\*\*\*\*  
 \* MOBILE6.2.03 (24-Sep-2003) \*  
 \* Input file: 25OZ.IN (file 1, run 30). \*  
 \*\*\*\*\*  
 \*\*\*\*\*Windham Arterials/Collectors \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external data file: NLEVNE.D

M616 Comment:  
 User has supplied post-1999 sulfur levels.  
 M603 Comment:  
 User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external data file: CTREG05.D

M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external data file: CTIM05PL.D

\*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)  
 \*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM  
 \*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR  
 \*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)  
 \*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
 \*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D

\*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external data file: Z:\SER29C\2025\25SVMT8S.CTY

\* Reading Hourly Roadway VMT distribution from the following external data file: FCVMTA.CTY



M615 Comment:  
 User supplied VMT mix.

```

#####
* Windham County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 31, Scenario 1.
#####
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
  M 48 Warning:
      there are no sales for vehicle class HDGV8b
  M 48 Warning:
      there are no sales for vehicle class LDDT12
  
```

LEV phase-in data read from file NLEVNE.D  
 Calendar Year: 2025  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 67.7 (F)  
 Maximum Temperature: 95.5 (F)  
 Minimum Rel. Hum.: 38.8 (%)  
 Maximum Rel. Hum.: 90.6 (%)  
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
 Evap I/M Program: Yes  
 ATP Program: Yes  
 Reformulated Gas: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.3084	0.4861	0.1657		0.0081	0.0003	0.0025	0.0193	0.0096	1.0000

-----

Composite Emission Factors (g/mi):										
Composite VOC :	0.304	0.302	0.333	0.310	0.467	0.081	0.167	0.465	4.39	0.351
Composite NOX :	0.134	0.164	0.222	0.179	0.274	0.038	0.144	0.975	0.92	0.188

-----

```

*****
* MOBILE6.2.03 (24-Sep-2003)
* Input file: 25OZ.IN (file 1, run 32).
*****
*****Windham Ramp *****
  
```

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external  
 \* data file: NLEVNE.D  
 M616 Comment:  
 User has supplied post-1999 sulfur levels.  
 M603 Comment:  
 User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external  
 \* data file: CTREG05.D  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external  
 \* data file: CTIM05PL.D  
 \*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)  
 \*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM  
 \*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR  
 \*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)  
 \*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
 \*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D  
 \*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external  
 \* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external  
 \* data file: Z:\SER29C\2025\25SVMT8S.CTY

\* Reading Hourly Roadway VMT distribution from the following external  
 \* data file: FCVMTR.CTY

Reading User Supplied ROADWAY VMT Factors  
 M615 Comment:  
 User supplied VMT mix.

```

* # # # # #
* Windham County 2025 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 32, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D

```

```

M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

```

```

LEV phase-in data read from file NLEVNE.D
Calendar Year: 2025
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm

```

```

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

```

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.2933	0.4630	0.1578		0.0240	0.0003	0.0024	0.0578	0.0014	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC :	0.209	0.205	0.234	0.213	0.216	0.047	0.094	0.222	2.99	0.216
Composite NOX :	0.130	0.183	0.278	0.207	0.330	0.028	0.106	0.726	1.12	0.218
-----										



Composite NOX : 0.110 0.170 0.227 0.184 0.190 0.034 0.142 0.594 1.42 0.188

\*\*\*\*\*  
\* MOBILE6.2.03 (24-Sep-2003) \*  
\* Input file: 35OZ.IN (file 1, run 2). \*  
\*\*\*\*\*  
\*\*\*\*\*Fairfield Arterials/Collectors \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external  
\* data file: NLEVNE.D  
M616 Comment: User has supplied post-1999 sulfur levels.  
M603 Comment: User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external  
\* data file: CTREG05.D  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external  
\* data file: CTIM05PL.D  
\*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 FMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)  
\*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM  
\*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR  
\*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)  
\*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
\*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D  
\*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external  
\* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external  
\* data file: Z:\SER29C\2035\35SVMT1S.CTY

\* Reading Hourly Roadway VMT distribution from the following external  
\* data file: FCVMTA.CTY

Reading User Supplied ROADWAY VMT Factors  
M615 Comment: User supplied VMT mix.

\* # # # # #  
\* Fairfield County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
\* File 1, Run 2, Scenario 1.  
\* # # # # #  
\*\*\* I/M credits for Tech1&2 vehicles were read from the following external  
data file: TECH12.D  
M 48 Warning:  
there are no sales for vehicle class HDGV8b  
M 48 Warning:  
there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D  
Calendar Year: 2035  
Month: July  
Altitude: Low  
Minimum Temperature: 66.5 (F)  
Maximum Temperature: 91.6 (F)  
Minimum Rel. Hum.: 41.4 (%)  
Maximum Rel. Hum.: 92.1 (%)  
Fuel Sulfur Content: 30. ppm  
Exhaust I/M Program: Yes  
Evap I/M Program: Yes  
ATP Program: Yes  
Reformulated Gas: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3091	0.4873	0.1662		0.0077	0.0003	0.0025	0.0184	0.0085	1.0000

-----  
Composite Emission Factors (g/mi):  
Composite VOC : 0.232 0.230 0.249 0.234 0.265 0.052 0.102 0.273 3.37 0.261  
Composite NOX : 0.122 0.172 0.230 0.187 0.158 0.025 0.106 0.440 1.11 0.179  
-----







\*\*\*\*\*Hartford Expressway \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
\* data file: NLEVNE.D

M616 Comment:
User has supplied post-1999 sulfur levels.
M603 Comment:
User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external
\* data file: CTREG05.D

M 49 Warning:
1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external
\* data file: CTIM05PL.D

\*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
\*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
\*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
\*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
\*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
\*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D

\*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external

\* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external

\* data file: Z:\SER29C\2035\35SVMT2S.CTY

\* Reading Hourly Roadway VMT distribution from the following external

\* data file: FCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors

M615 Comment:
User supplied VMT mix.

\*\*\*\*\*
\* Hartford County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
\* File 1, Run 5, Scenario 1.
\*\*\*\*\*
\*\*\* I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D

M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D

Calendar Year: 2035
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Table with columns: Vehicle Type, LDGV, LDGT12, LDGT34, LDGT, HDGV, LDDV, LDDT, HDDV, MC, All Veh. Rows include GVWR, VMT Distribution, and Composite Emission Factors (g/mi).

\*\*\*\*\*
\* MOBILE6.2.03 (24-Sep-2003)
\* Input file: 35OZ.IN (file 1, run 6).
\*\*\*\*\*
\*\*\*\*\*Hartford Arterials/Collectors \*\*\*\*\*







```

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2035\35SVMT3S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: PCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
      User supplied VMT mix.

* # # # # #
* Litchfield County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 9, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
      there are no sales for vehicle class HDGV8b
M 48 Warning:
      there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
      Calendar Year: 2035
      Month: July
      Altitude: Low
      Minimum Temperature: 67.7 (F)
      Maximum Temperature: 95.5 (F)
      Minimum Rel. Hum.: 38.8 (%)
      Maximum Rel. Hum.: 90.6 (%)
      Fuel Sulfur Content: 30. ppm

      Exhaust I/M Program: Yes
      Evap I/M Program: Yes
      ATP Program: Yes
      Reformulated Gas: Yes

      Vehicle Type:      LDGV      LDGT12      LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV      MC      All Veh
      GWR:              <6000     >6000      (All)
      VMT Distribution:  0.2935    0.4631    0.1578      0.0239    0.0003    0.0024    0.0576    0.0014    1.0000

-----
Composite Emission Factors (g/mi):
Composite VOC :      0.167    0.176    0.191    0.180    0.147    0.035    0.066    0.152    3.23    0.178
Composite NOX  :      0.111    0.173    0.231    0.188    0.199    0.039    0.163    0.680    1.49    0.196
-----

*****
* MOBILE6.2.03 (24-Sep-2003)
* Input file: 35OZ.IN (file 1, run 10).
*****
*****Litchfield Arterials/Collectors *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
      User has supplied post-1999 sulfur levels.
M603 Comment:
      User has disabled the calculation of REFUELING emissions.

```

```

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2035\35SVMT3S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTA.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
    User supplied VMT mix.

* # # # # #
* Litchfield County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 10, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
    data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
    Calendar Year: 2035
    Month: July
    Altitude: Low
    Minimum Temperature: 67.7 (F)
    Maximum Temperature: 95.5 (F)
    Minimum Rel. Hum.: 38.8 (%)
    Maximum Rel. Hum.: 90.6 (%)
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: Yes

    Vehicle Type:    LDGV    LDGT12    LDGT34    LDGT    HDGV    LDDV    LDDT    HDDV    MC    All Veh
    GVWR:            <6000    >6000    (All)
    VMT Distribution: 0.3091    0.4873    0.1662    0.0077    0.0003    0.0025    0.0184    0.0085    1.0000

-----
Composite Emission Factors (g/mi):
Composite VOC :    0.198    0.200    0.217    0.204    0.205    0.044    0.084    0.212    3.06    0.227
Composite NOX :    0.113    0.163    0.219    0.177    0.170    0.025    0.105    0.435    1.14    0.170
-----

*****
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 35OZ.IN (file 1, run 11). *
*****
*****Litchfield Local *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D

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M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external  
\* data file: CTIM05PL.D  
\*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)  
\*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM  
\*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR  
\*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)  
\*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
\*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D  
\*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external  
\* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external  
\* data file: Z:\SER29C\2035\35SVMT3S.CTY

\* Reading Hourly Roadway VMT distribution from the following external  
\* data file: FCVMTL.CTY

Reading User Supplied ROADWAY VMT Factors  
M615 Comment:  
User supplied VMT mix.

\* # # # # #  
\* Litchfield County 2020 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
\* File 1, Run 11, Scenario 1.  
\* # # # # #  
\*\*\* I/M credits for Tech1&2 vehicles were read from the following external  
data file: TECH12.D  
M 48 Warning:  
there are no sales for vehicle class HDGV8b  
M 48 Warning:  
there are no sales for vehicle class LDdT12

LEV phase-in data read from file NLEVNE.D  
Calendar Year: 2035  
Month: July  
Altitude: Low  
Minimum Temperature: 67.7 (F)  
Maximum Temperature: 95.5 (F)  
Minimum Rel. Hum.: 38.8 (%)  
Maximum Rel. Hum.: 90.6 (%)  
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
Evap I/M Program: Yes  
ATP Program: Yes  
Reformulated Gas: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDdT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.3084	0.4861	0.1657		0.0081	0.0003	0.0025	0.0193	0.0096	1.0000

Composite Emission Factors (g/mi):

Composite VOC :	0.300	0.300	0.322	0.306	0.422	0.076	0.152	0.444	4.39	0.346
Composite NOX :	0.124	0.161	0.204	0.172	0.137	0.031	0.130	0.539	0.92	0.171

\*\*\*\*\*  
\* MOBILE6.2.03 (24-Sep-2003) \*  
\* Input file: 35OZ.IN (file 1, run 12). \*  
\*\*\*\*\*  
\*\*\*\*\*Litchfield Ramp \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external  
\* data file: NLEVNE.D  
M616 Comment:  
User has supplied post-1999 sulfur levels.  
M603 Comment:  
User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external  
\* data file: CTREG05.D  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)





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M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no
OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test
that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2035\35SVMT4S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
      User supplied VMT mix.

* # # # # #
* Middlesex County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 13, Scenario 1.
* # # # # #
*** I/M credits for Tech&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
      there are no sales for vehicle class HDGV8b
M 48 Warning:
      there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
      Calendar Year: 2035
      Month: July
      Altitude: Low
      Minimum Temperature: 66.5 (F)
      Maximum Temperature: 91.6 (F)
      Minimum Rel. Hum.: 41.4 (%)
      Maximum Rel. Hum.: 92.1 (%)
      Fuel Sulfur Content: 30. ppm

      Exhaust I/M Program: Yes
      Evap I/M Program: Yes
      ATP Program: Yes
      Reformulated Gas: Yes

      Vehicle Type:      LDGV      LDGT12      LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV      MC      All Veh
      GVWR:              <6000      >6000      (All)
      VMT Distribution:  0.2935      0.4631      0.1578      0.0239      0.0003      0.0024      0.0576      0.0014      1.0000

Composite Emission Factors (g/mi):
      Composite VOC :      0.167      0.175      0.190      0.179      0.146      0.036      0.067      0.155      3.00      0.177
      Composite NOX :      0.109      0.172      0.229      0.186      0.195      0.036      0.151      0.632      1.49      0.191

*****
* MOBILE6.2.03 (24-Sep-2003)
* Input file: 35OZ.IN (file 1, run 14).
*****
*****Middlesex Arterials/Collectors *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
      User has supplied post-1999 sulfur levels.
M603 Comment:
      User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)

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M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no
OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test
that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2035\35SVMT4S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTA.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
      User supplied VMT mix.

* # # # # #
* Middlesex County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 14, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
      there are no sales for vehicle class HDGV8b
M 48 Warning:
      there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
      Calendar Year: 2035
      Month: July
      Altitude: Low
      Minimum Temperature: 66.5 (F)
      Maximum Temperature: 91.6 (F)
      Minimum Rel. Hum.: 41.4 (%)
      Maximum Rel. Hum.: 92.1 (%)
      Fuel Sulfur Content: 30. ppm

      Exhaust I/M Program: Yes
      Evap I/M Program: Yes
      ATP Program: Yes
      Reformulated Gas: Yes

      Vehicle Type:      LDGV      LDGT12      LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV      MC      All Veh
      GVWR:              <6000      >6000      (All)
      VMT Distribution:  0.3091      0.4873      0.1662      -----      0.0077      0.0003      0.0025      0.0184      0.0085      1.0000
      -----

Composite Emission Factors (g/mi):
      Composite VOC :      0.215      0.214      0.232      0.219      0.235      0.048      0.094      0.245      3.17      0.243
      Composite NOX :      0.117      0.167      0.224      0.182      0.163      0.025      0.105      0.434      1.14      0.174
      -----

*****
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 35OZ.IN (file 1, run 15). *
*****
*****Middlesex Local *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
      User has supplied post-1999 sulfur levels.
M603 Comment:
      User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)

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M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no
OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test
that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2035\35SVMT4S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTL.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
      User supplied VMT mix.

* # # # # #
* Middlesex County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 15, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
      there are no sales for vehicle class HDGV8b
M 48 Warning:
      there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
      Calendar Year: 2035
      Month: July
      Altitude: Low
      Minimum Temperature: 66.5 (F)
      Maximum Temperature: 91.6 (F)
      Minimum Rel. Hum.: 41.4 (%)
      Maximum Rel. Hum.: 92.1 (%)
      Fuel Sulfur Content: 30. ppm

      Exhaust I/M Program: Yes
      Evap I/M Program: Yes
      ATP Program: Yes
      Reformulated Gas: Yes

      Vehicle Type:      LDGV      LDGT12      LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV      MC      All Veh
      GVWR:              <6000      >6000      (All)
      VMT Distribution:  0.3084    0.4861    0.1657      0.0081    0.0003    0.0025    0.0193    0.0096    1.0000

Composite Emission Factors (g/mi):
Composite VOC :      0.297      0.293      0.315      0.299      0.415      0.076      0.152      0.444      4.27      0.339
Composite NOX :      0.120      0.160      0.204      0.171      0.137      0.031      0.130      0.539      0.95      0.170
-----
*****
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 35OZ.IN (file 1, run 16). *
*****
*****Middlesex Ramp *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
      User has supplied post-1999 sulfur levels.
M603 Comment:
      User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)

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M 49 Warning:      1.00    MYR sum not = 1. (will normalize)
M 49 Warning:      1.00    MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no
OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test
that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2035\35SVMT4S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTR.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
    User supplied VMT mix.

* # # # # #
* Middlesex County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 16, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
    Calendar Year: 2035
    Month: July
    Altitude: Low
    Minimum Temperature: 66.5 (F)
    Maximum Temperature: 91.6 (F)
    Minimum Rel. Hum.: 41.4 (%)
    Maximum Rel. Hum.: 92.1 (%)
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: Yes

    Vehicle Type: LDGV LDGT12 LDGT34 LDGT (All) HDGV LDDV LDDT HDDV MC All Veh
    GVWR: <6000 >6000
    VMT Distribution: 0.2935 0.4631 0.1578 0.0239 0.0003 0.0024 0.0576 0.0014 1.0000

-----
Composite Emission Factors (g/mi):
Composite VOC : 0.201 0.200 0.222 0.206 0.193 0.044 0.084 0.212 2.89 0.208
Composite NOX : 0.118 0.180 0.260 0.200 0.165 0.023 0.096 0.397 1.16 0.188
-----

*****
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 35OZ.IN (file 1, run 17). *
*****
*****New Haven Expressway *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)

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M 49 Warning:      1.00      MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 FMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2035\35SVMT5S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
      User supplied VMT mix.

* # # # # #
* New Haven County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 17, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
      there are no sales for vehicle class HDGV8b
M 48 Warning:
      there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
      Calendar Year: 2035
      Month: July
      Altitude: Low
      Minimum Temperature: 66.5 (F)
      Maximum Temperature: 91.6 (F)
      Minimum Rel. Hum.: 41.4 (%)
      Maximum Rel. Hum.: 92.1 (%)
      Fuel Sulfur Content: 30. ppm

      Exhaust I/M Program: Yes
      Evap I/M Program: Yes
      ATP Program: Yes
      Reformulated Gas: Yes

      Vehicle Type:      LDGV      LDGT12      LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV      MC      All Veh
      GVWR:              <6000     >6000      (All)
      VMT Distribution:  0.2935   0.4631     0.1578      0.0239   0.0003     0.0024     0.0576     0.0014   1.0000

-----
Composite Emission Factors (g/mi):
Composite VOC :      0.171   0.178   0.193   0.182   0.153   0.037   0.069   0.162   3.01   0.180
Composite NOX :      0.110   0.171   0.228   0.186   0.193   0.035   0.148   0.618   1.46   0.190
-----

*****
* MOBILE6.2.03 (24-Sep-2003)
* Input file: 35OZ.IN (file 1, run 18).
*****
*****New Haven Arterials/Collectors *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
      User has supplied post-1999 sulfur levels.
M603 Comment:
      User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)

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*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test
that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2035\35SVMT6S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
    User supplied VMT mix.

* # # # # #
* New London County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 21, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
    Calendar Year: 2035
    Month: July
    Altitude: Low
    Minimum Temperature: 67.7 (F)
    Maximum Temperature: 95.5 (F)
    Minimum Rel. Hum.: 38.8 (%)
    Maximum Rel. Hum.: 90.6 (%)
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: Yes

    Vehicle Type:   LDGV   LDGT12   LDGT34   LDGT   HDGV   LDDV   LDDT   HDDV   MC   All Veh
    GVWR:          <6000 >6000   (All)
    VMT Distribution: 0.2935 0.4631 0.1578      0.0239 0.0003 0.0024 0.0576 0.0014 1.0000

-----
Composite Emission Factors (g/mi):
Composite VOC : 0.168 0.176 0.191 0.180 0.148 0.036 0.067 0.153 3.16 0.178
Composite NOX : 0.110 0.172 0.230 0.187 0.197 0.037 0.157 0.654 1.46 0.193
-----

*****
* MOBILE6.2.03 (24-Sep-2003)
* Input file: 35OZ.IN (file 1, run 22).
*****
*****New London Arterials/Collectors *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no
OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test
that replaced the ASM

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*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2035\35SVMT6S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTA.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
    User supplied VMT mix.

* # # # # #
* New London County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 22, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
    data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
    Calendar Year: 2035
    Month: July
    Altitude: Low
    Minimum Temperature: 67.7 (F)
    Maximum Temperature: 95.5 (F)
    Minimum Rel. Hum.: 38.8 (%)
    Maximum Rel. Hum.: 90.6 (%)
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: Yes

    Vehicle Type:      LDGV      LDGT12      LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV      MC      All Veh
    GVWR:              <6000      >6000      (All)
    VMT Distribution:  0.3091    0.4873    0.1662          0.0077    0.0003    0.0025    0.0184    0.0085    1.0000

-----
Composite Emission Factors (g/mi):
Composite VOC :      0.214    0.215    0.232    0.219    0.235    0.048    0.092    0.241    3.24    0.243
Composite NOX :      0.117    0.166    0.222    0.180    0.164    0.025    0.104    0.429    1.10    0.173
-----

*****
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 35OZ.IN (file 1, run 23). *
*****
*****New London Local *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD))
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)

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\*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
\*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D

\*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external  
\* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external  
\* data file: Z:\SER29C\2035\35SVMT6S.CTY

\* Reading Hourly Roadway VMT distribution from the following external  
\* data file: FCVMTL.CTY

Reading User Supplied ROADWAY VMT Factors  
M615 Comment:

User supplied VMT mix.

#####  
\* New London County 2035 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
\* File 1, Run 23, Scenario 1.  
#####  
\*\*\* I/M credits for Tech1&2 vehicles were read from the following external  
data file: TECH12.D

M 48 Warning:  
there are no sales for vehicle class HDGV8b

M 48 Warning:  
there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D

Calendar Year: 2035  
Month: July  
Altitude: Low  
Minimum Temperature: 67.7 (F)  
Maximum Temperature: 95.5 (F)  
Minimum Rel. Hum.: 38.8 (%)  
Maximum Rel. Hum.: 90.6 (%)  
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
Evap I/M Program: Yes  
ATP Program: Yes  
Reformulated Gas: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3084	0.4861	0.1657		0.0081	0.0003	0.0025	0.0193	0.0096	1.0000

-----  
Composite Emission Factors (g/mi):

Composite VOC :	0.300	0.322	0.306	0.422	0.076	0.152	0.444	4.39	0.346	
Composite NOX :	0.124	0.161	0.204	0.172	0.137	0.031	0.130	0.539	0.92	0.171

-----

\*\*\*\*\*  
\* MOBILE6.2.03 (24-Sep-2003) \*  
\* Input file: 35OZ.IN (file 1, run 24). \*  
\*\*\*\*\*  
\*\*\*\*\*New London Ramp \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external  
\* data file: NLEVNE.D

M616 Comment:  
User has supplied post-1999 sulfur levels.

M603 Comment:  
User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external  
\* data file: CTREG05.D

M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external  
\* data file: CTIM05PL.D

\*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)  
\*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM  
\*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR  
\*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)  
\*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
\*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

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* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2035\35SVMT6S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTR.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
    User supplied VMT mix.

* # # # # #
* New London County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 24, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
    Calendar Year: 2035
    Month: July
    Altitude: Low
    Minimum Temperature: 67.7 (F)
    Maximum Temperature: 95.5 (F)
    Minimum Rel. Hum.: 38.8 (%)
    Maximum Rel. Hum.: 90.6 (%)
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: Yes

    Vehicle Type:    LDGV    LDGT12    LDGT34    LDGT    HDGV    LDDV    LDDT    HDDV    MC    All Veh
    GVWR:           <6000  >6000    (All)
    VMT Distribution: 0.2935  0.4631  0.1578    0.0239  0.0003  0.0024  0.0576  0.0014  1.0000

Composite Emission Factors (g/mi):
    Composite VOC : 0.204  0.204  0.225  0.209  0.198  0.044  0.084  0.212  2.99  0.211
    Composite NOX : 0.119  0.179  0.260  0.200  0.165  0.023  0.096  0.397  1.12  0.187

*****
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 35OZ.IN (file 1, run 25). *
*****
*****Tolland Expressway *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00    MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PLD
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D

```

\*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external  
\* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external  
\* data file: Z:\SER29C\2035\35SVMT7S.CTY

\* Reading Hourly Roadway VMT distribution from the following external  
\* data file: FCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors  
M615 Comment:  
User supplied VMT mix.

#####  
\* Tolland County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
\* File 1, Run 25, Scenario 1.  
#####  
\*\*\* I/M credits for Tech1&2 vehicles were read from the following external  
data file: TECH12.D

M 48 Warning:  
there are no sales for vehicle class HDGV8b  
M 48 Warning:  
there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D  
Calendar Year: 2035  
Month: July  
Altitude: Low  
Minimum Temperature: 67.7 (F)  
Maximum Temperature: 95.5 (F)  
Minimum Rel. Hum.: 38.8 (%)  
Maximum Rel. Hum.: 90.6 (%)  
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
Evap I/M Program: Yes  
ATP Program: Yes  
Reformulated Gas: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.2935	0.4631	0.1578		0.0239	0.0003	0.0024	0.0576	0.0014	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC :	0.168	0.176	0.191	0.180	0.147	0.035	0.067	0.153	3.20	0.178
Composite NOX :	0.111	0.173	0.231	0.187	0.198	0.038	0.160	0.667	1.47	0.194
-----										

\*\*\*\*\*  
\* MOBILE6.2.03 (24-Sep-2003) \*  
\* Input file: 35OZ.IN (file 1, run 26). \*  
\*\*\*\*\*  
\*\*\*\*\*Tolland Arterials/Collectors \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external  
\* data file: NLEVNE.D

M616 Comment:  
User has supplied post-1999 sulfur levels.  
M603 Comment:  
User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external  
\* data file: CTREG05.D

M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external  
\* data file: CTIM05PL.D

\*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)  
\*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM  
\*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR  
\*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)  
\*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
\*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D  
\*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

```

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2035\35SVMT7S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTA.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
    User supplied VMT mix.

* # # # # #
* Tolland County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 26, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
    data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
    Calendar Year: 2035
    Month: July
    Altitude: Low
    Minimum Temperature: 67.7 (F)
    Maximum Temperature: 95.5 (F)
    Minimum Rel. Hum.: 38.8 (%)
    Maximum Rel. Hum.: 90.6 (%)
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: Yes

    Vehicle Type:   LDGV   LDGT12   LDGT34   LDGT      HDGV      LDDV      LDDT      HDDV      MC      All Veh
    GVWR:          <6000 >6000   (All)
VMT Distribution: 0.3091 0.4873 0.1662      0.0077 0.0003 0.0025 0.0184 0.0085 1.0000
-----
Composite Emission Factors (g/mi):
Composite VOC : 0.207 0.208 0.226 0.213 0.223 0.046 0.089 0.231 3.17 0.236
Composite NOX : 0.115 0.164 0.220 0.178 0.165 0.025 0.103 0.428 1.11 0.171
-----
*****
* MOBILE6.2.03 (24-Sep-2003)
* Input file: 35OZ.IN (file 1, run 27).
*****
*****Tolland Local *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

```

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external  
\* data file: Z:\SER29C\2035\35SVMT7S.CTY

\* Reading Hourly Roadway VMT distribution from the following external  
\* data file: FCVMTL.CTY

Reading User Supplied ROADWAY VMT Factors  
M615 Comment:  
User supplied VMT mix.

\* # # # # #  
\* Tolland County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
\* File 1, Run 27, Scenario 1.  
\* # # # # #  
\*\*\* I/M credits for Tech1&2 vehicles were read from the following external  
data file: TECH12.D

M 48 Warning:  
there are no sales for vehicle class HDGV8b  
M 48 Warning:  
there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D  
Calendar Year: 2035  
Month: July  
Altitude: Low  
Minimum Temperature: 67.7 (F)  
Maximum Temperature: 95.5 (F)  
Minimum Rel. Hum.: 38.8 (%)  
Maximum Rel. Hum.: 90.6 (%)  
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
Evap I/M Program: Yes  
ATP Program: Yes  
Reformulated Gas: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDST	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.3084	0.4861	0.1657		0.0081	0.0003	0.0025	0.0193	0.0096	1.0000

-----  
Composite Emission Factors (g/mi):  
Composite VOC : 0.300 0.300 0.322 0.306 0.422 0.076 0.152 0.444 4.39 0.346  
Composite NOX : 0.124 0.161 0.204 0.172 0.137 0.031 0.130 0.539 0.92 0.171  
-----

\*\*\*\*\*  
\* MOBILE6.2.03 (24-Sep-2003) \*  
\* Input file: 35OZ.IN (file 1, run 28). \*  
\*\*\*\*\*  
\*\*\*\*\*Tolland Ramp \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external  
\* data file: NLEVNE.D  
M616 Comment:  
User has supplied post-1999 sulfur levels.  
M603 Comment:  
User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external  
\* data file: CTREG05.D  
M 49 Warning:

1.00 MYR sum not = 1. (will normalize)  
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)  
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)  
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)  
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)  
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)  
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external  
\* data file: CTIM05PL.D  
\*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)  
\*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM  
\*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR  
\*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)  
\*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
\*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D  
\*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external  
\* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external

```

* data file: Z:\SER29C\2035\35SVMT7S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTR.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
    User supplied VMT mix.

* # # # # #
* Tolland County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 28, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
    Calendar Year: 2035
    Month: July
    Altitude: Low
    Minimum Temperature: 67.7 (F)
    Maximum Temperature: 95.5 (F)
    Minimum Rel. Hum.: 38.8 (%)
    Maximum Rel. Hum.: 90.6 (%)
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: Yes

    Vehicle Type: LDGV LDGT12 LDGT34 LDGT (All) HDGV LDDV LDDT HDDV MC All Veh
    GVWR: <6000 >6000
    VMT Distribution: 0.2935 0.4631 0.1578 0.0239 0.0003 0.0024 0.0576 0.0014 1.0000

-----
Composite Emission Factors (g/mi):
Composite VOC : 0.204 0.204 0.225 0.209 0.198 0.044 0.084 0.212 2.99 0.211
Composite NOX : 0.119 0.179 0.260 0.200 0.165 0.023 0.096 0.397 1.12 0.187
-----

*****
* MOBILE6.2.03 (24-Sep-2003)
* Input file: 35OZ.IN (file 1, run 29).
*****
*****Windham Expressway *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2035\35SVMT8S.CTY

```



\* Reading Hourly Roadway VMT distribution from the following external  
\* data file: FCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors  
M615 Comment:  
User supplied VMT mix.

\* #####  
\* Windham County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
\* File 1, Run 29, Scenario 1.  
\* #####  
\*\*\* I/M credits for Tech1&2 vehicles were read from the following external  
data file: TECH12.D  
M 48 Warning:  
there are no sales for vehicle class HDGV8b  
M 48 Warning:  
there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D  
Calendar Year: 2035  
Month: July  
Altitude: Low  
Minimum Temperature: 67.7 (F)  
Maximum Temperature: 95.5 (F)  
Minimum Rel. Hum.: 38.8 (%)  
Maximum Rel. Hum.: 90.6 (%)  
Fuel Sulfur Content: 30. ppm  
Exhaust I/M Program: Yes  
Evap I/M Program: Yes  
ATP Program: Yes  
Reformulated Gas: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.2935	0.4631	0.1578		0.0239	0.0003	0.0024	0.0576	0.0014	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC :	0.167	0.176	0.191	0.180	0.146	0.035	0.066	0.152	3.25	0.178
Composite NOX :	0.111	0.173	0.232	0.188	0.199	0.039	0.164	0.686	1.49	0.196
-----										

\*\*\*\*\*  
\* MOBILE6.2.03 (24-Sep-2003) \*  
\* Input file: 35OZ.IN (file 1, run 30). \*  
\*\*\*\*\*  
\*\*\*\*\*Windham Arterials/Collectors \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external  
\* data file: NLEVNE.D  
M616 Comment:  
User has supplied post-1999 sulfur levels.  
M603 Comment:  
User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external  
\* data file: CTREG05.D  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external  
\* data file: CTIM05PL.D  
\*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)  
\*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM  
\*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR  
\*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)  
\*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
\*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D  
\*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external  
\* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external  
\* data file: Z:\SER29C\2035\35SVMT8S.CTY

\* Reading Hourly Roadway VMT distribution from the following external  
\* data file: FCVMTA.CTY





```

* #####
* Windham County 2035 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 32, Scenario 1.
* #####
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D

```

```

M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

```

```

LEV phase-in data read from file NLEVNE.D
    Calendar Year: 2035
        Month: July
        Altitude: Low
    Minimum Temperature: 67.7 (F)
    Maximum Temperature: 95.5 (F)
    Minimum Rel. Hum.: 38.8 (%)
    Maximum Rel. Hum.: 90.6 (%)
    Fuel Sulfur Content: 30. ppm

```

```

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

```

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.2935	0.4631	0.1578		0.0239	0.0003	0.0024	0.0576	0.0014	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC :	0.204	0.204	0.225	0.209	0.198	0.044	0.084	0.212	2.99	0.211
Composite NOX :	0.119	0.179	0.260	0.200	0.165	0.023	0.096	0.397	1.12	0.187
-----										

```

*****
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 400Z.IN (file 1, run 1). *
*****
* 2040 input file for DOT; created 08/17/06 JBR
* Updated for VMT fractions, new CTIM and speed files 10/05 jbr
*****Fairfield Expressway *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2040\40SVMT1S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
    User supplied VMT mix.

* # # # # #
* Fairfield County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 1, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
    Calendar Year: 2040
    Month: July
    Altitude: Low
    Minimum Temperature: 66.5 (F)
    Maximum Temperature: 91.6 (F)
    Minimum Rel. Hum.: 41.4 (%)
    Maximum Rel. Hum.: 92.1 (%)
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: Yes

    Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDDV LDDT HDDV MC All Veh
    GVWR: <6000 >6000 (All)
    VMT Distribution: 0.2937 0.4631 0.1579 0.0238 0.0003 0.0024 0.0574 0.0014 1.0000

-----
Composite Emission Factors (g/mi):
Composite VOC : 0.173 0.180 0.196 0.184 0.159 0.038 0.071 0.168 2.99 0.183

```









\*\*\*\*\*Hartford Expressway \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external

\* data file: NLEVNE.D

M616 Comment:

User has supplied post-1999 sulfur levels.

M603 Comment:

User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external

\* data file: CTREG05.D

M 49 Warning:

1.00 MYR sum not = 1. (will normalize)

M 49 Warning:

1.00 MYR sum not = 1. (will normalize)

M 49 Warning:

1.00 MYR sum not = 1. (will normalize)

M 49 Warning:

1.00 MYR sum not = 1. (will normalize)

M 49 Warning:

1.00 MYR sum not = 1. (will normalize)

M 49 Warning:

1.00 MYR sum not = 1. (will normalize)

M 49 Warning:

1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external

\* data file: CTIM05PL.D

\*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)

\*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM

\*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR

\*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)

\*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)

\*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D

\*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external

\* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external

\* data file: Z:\SER29C\2040\40SVMT2S.CTY

\* Reading Hourly Roadway VMT distribution from the following external

\* data file: FCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors

M615 Comment:

User supplied VMT mix.

#####

\* Hartford County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2

\* File 1, Run 5, Scenario 1.

#####

\*\*\* I/M credits for Tech1&2 vehicles were read from the following external

data file: TECH12.D

M 48 Warning:

there are no sales for vehicle class HDGV8b

M 48 Warning:

there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D

Calendar Year: 2040

Month: July

Altitude: Low

Minimum Temperature: 67.7 (F)

Maximum Temperature: 95.5 (F)

Minimum Rel. Hum.: 38.8 (%)

Maximum Rel. Hum.: 90.6 (%)

Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes

Evap I/M Program: Yes

ATP Program: Yes

Reformulated Gas: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.2937	0.4631	0.1579		0.0238	0.0003	0.0024	0.0574	0.0014	1.0000

Composite Emission Factors (g/mi):

Composite VOC : 0.171 0.179 0.194 0.183 0.154 0.036 0.068 0.159 3.13 0.181

Composite NOX : 0.111 0.171 0.229 0.186 0.195 0.036 0.151 0.630 1.42 0.191

\*\*\*\*\*

\* MOBILE6.2.03 (24-Sep-2003) \*

\* Input file: 40OZ.IN (file 1, run 6). \*

\*\*\*\*\*

\*\*\*\*\*Hartford Arterials/Collectors \*\*\*\*\*









```

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2040\40SVMT3S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTA.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
      User supplied VMT mix.

* # # # # #
* Litchfield County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 10, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
      there are no sales for vehicle class HDGV8b
M 48 Warning:
      there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
Calendar Year: 2040
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

Vehicle Type:      LDGV      LDGT12      LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV      MC      All Veh
GVWR:              <6000      >6000      (All)
VMT Distribution:  0.3091      0.4873      0.1662      0.0077      0.0003      0.0025      0.0184      0.0085      1.0000

-----
Composite Emission Factors (g/mi):
Composite VOC :    0.200      0.202      0.219      0.206      0.208      0.044      0.085      0.215      3.08      0.229
Composite NOX :    0.113      0.164      0.219      0.178      0.170      0.025      0.105      0.435      1.13      0.170
-----

*****
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 400Z.IN (file 1, run 11). *
*****
*****Litchfield Local *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
      User has supplied post-1999 sulfur levels.
M603 Comment:
      User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D

```

M 49 Warning: 1.00 MYR sum not = 1. (will normalize)  
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)  
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)  
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)  
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)  
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)  
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)  
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external  
\* data file: CTIM05PL.D  
\*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)  
\*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM  
\*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR  
\*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)  
\*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
\*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D  
\*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external  
\* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external  
\* data file: Z:\SER29C\2040\40SVMT3S.CTY

\* Reading Hourly Roadway VMT distribution from the following external  
\* data file: FCVMTL.CTY

Reading User Supplied ROADWAY VMT Factors  
M615 Comment:  
User supplied VMT mix.

\* # # # # #  
\* Litchfield County 2020 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
\* File 1, Run 11, Scenario 1.  
\* # # # # #  
\*\*\* I/M credits for Tech1&2 vehicles were read from the following external  
data file: TECH12.D

M 48 Warning:  
there are no sales for vehicle class HDGV8b  
M 48 Warning:  
there are no sales for vehicle class LDdT12

LEV phase-in data read from file NLEVNE.D  
Calendar Year: 2040  
Month: July  
Altitude: Low  
Minimum Temperature: 67.7 (F)  
Maximum Temperature: 95.5 (F)  
Minimum Rel. Hum.: 38.8 (%)  
Maximum Rel. Hum.: 90.6 (%)  
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
Evap I/M Program: Yes  
ATP Program: Yes  
Reformulated Gas: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDdT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.3084	0.4861	0.1657		0.0081	0.0003	0.0025	0.0193	0.0096	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC :	0.300	0.300	0.322	0.306	0.422	0.076	0.152	0.444	4.39	0.346
Composite NOX :	0.124	0.161	0.204	0.172	0.137	0.031	0.130	0.539	0.92	0.171
-----										

\*\*\*\*\*  
\* MOBILE6.2.03 (24-Sep-2003) \*  
\* Input file: 40OZ.IN (file 1, run 12). \*  
\*\*\*\*\*  
\*\*\*\*\*Litchfield Ramp \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external  
\* data file: NLEVNE.D  
M616 Comment:  
User has supplied post-1999 sulfur levels.  
M603 Comment:  
User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external  
\* data file: CTREG05.D  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)

```

M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2040\40SVMT3S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTR.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
    User supplied VMT mix.

* # # # # #
* Litchfield County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 12, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
    Calendar Year: 2040
    Month: July
    Altitude: Low
    Minimum Temperature: 67.7 (F)
    Maximum Temperature: 95.5 (F)
    Minimum Rel. Hum.: 38.8 (%)
    Maximum Rel. Hum.: 90.6 (%)
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: Yes

    Vehicle Type:      LDGV      LDGT12      LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV      MC      All Veh
    GVWR:              <6000      >6000      (All)
    VMT Distribution:  0.2937      0.4631      0.1579      0.0238      0.0003      0.0024      0.0574      0.0014      1.0000

-----
Composite Emission Factors (g/mi):
    Composite VOC :    0.204      0.204      0.225      0.209      0.198      0.044      0.084      0.212      2.99      0.211
    Composite NOX  :    0.119      0.179      0.260      0.200      0.165      0.023      0.096      0.397      1.12      0.187
-----

*****
* MOBILE6.2.03 (24-Sep-2003)
* Input file: 40OZ.IN (file 1, run 13).
*****
*****Middlesex Expressway *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
    1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00      MYR sum not = 1. (will normalize)

```



M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external  
 \* data file: CTIM05PL.D  
 \*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)  
 \*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM  
 \*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR  
 \*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)  
 \*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
 \*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D  
 \*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external  
 \* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external  
 \* data file: Z:\SER29C\2040\40SVMT4S.CTY

\* Reading Hourly Roadway VMT distribution from the following external  
 \* data file: FCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors  
 M615 Comment: User supplied VMT mix.

#####  
 \* Middlesex County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
 \* File 1, Run 13, Scenario 1.  
 #####  
 \*\*\* I/M credits for Techn2 vehicles were read from the following external  
 data file: TECH12.D  
 M 48 Warning: there are no sales for vehicle class HDGV8b  
 M 48 Warning: there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D  
 Calendar Year: 2040  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 66.5 (F)  
 Maximum Temperature: 91.6 (F)  
 Minimum Rel. Hum.: 41.4 (%)  
 Maximum Rel. Hum.: 92.1 (%)  
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
 Evap I/M Program: Yes  
 ATP Program: Yes  
 Reformulated Gas: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.2937	0.4631	0.1579		0.0238	0.0003	0.0024	0.0574	0.0014	1.0000

-----  
 Composite Emission Factors (g/mi):  
 Composite VOC : 0.169 0.177 0.192 0.181 0.149 0.036 0.068 0.158 3.00 0.179  
 Composite NOX : 0.109 0.171 0.229 0.186 0.194 0.036 0.150 0.626 1.48 0.191  
 -----

\*\*\*\*\*  
 \* MOBILE6.2.03 (24-Sep-2003) \*  
 \* Input file: 40OZ.IN (file 1, run 14). \*  
 \*\*\*\*\*  
 \*\*\*\*\*Middlesex Arterials/Collectors \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external  
 \* data file: NLEVNE.D  
 M616 Comment: User has supplied post-1999 sulfur levels.  
 M603 Comment: User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external  
 \* data file: CTREG05.D  
 M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

M 49 Warning: 1.00 MYR sum not = 1. (will normalize)



M 49 Warning: 1.00 MYR sum not = 1. (will normalize)  
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)  
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external  
\* data file: CTIM05PL.D  
\*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)  
\*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM  
\*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR  
\*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)  
\*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
\*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D  
\*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external  
\* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external  
\* data file: Z:\SER29C\2040\40SVMT4S.CTY

\* Reading Hourly Roadway VMT distribution from the following external  
\* data file: FCVMTL.CTY

Reading User Supplied ROADWAY VMT Factors  
M615 Comment:  
User supplied VMT mix.

#####  
\* Middlesex County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
\* File 1, Run 15, Scenario 1.  
#####  
\*\*\* I/M credits for Tech1&2 vehicles were read from the following external  
data file: TECH12.D

M 48 Warning:  
there are no sales for vehicle class HDGV8b  
M 48 Warning:  
there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D  
Calendar Year: 2040  
Month: July  
Altitude: Low  
Minimum Temperature: 66.5 (F)  
Maximum Temperature: 91.6 (F)  
Minimum Rel. Hum.: 41.4 (%)  
Maximum Rel. Hum.: 92.1 (%)  
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
Evap I/M Program: Yes  
ATP Program: Yes  
Reformulated Gas: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:	<6000	>6000	(All)							
VMT Distribution:	0.3084	0.4861	0.1657		0.0081	0.0003	0.0025	0.0193	0.0096	1.0000

---

Composite Emission Factors (g/mi):  
Composite VOC : 0.297 0.293 0.315 0.299 0.415 0.076 0.152 0.444 4.27 0.339  
Composite NOX : 0.120 0.160 0.204 0.171 0.137 0.031 0.130 0.539 0.95 0.170

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\*\*\*\*\*  
\* MOBILE6.2.03 (24-Sep-2003) \*  
\* Input file: 40OZ.IN (file 1, run 16). \*  
\*\*\*\*\*  
\*\*\*\*\*Middlesex Ramp \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external  
\* data file: NLEVNE.D  
M616 Comment:  
User has supplied post-1999 sulfur levels.  
M603 Comment:  
User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external  
\* data file: CTREG05.D  
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)  
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)  
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)  
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)  
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)  
M 49 Warning: 1.00 MYR sum not = 1. (will normalize)

```

M 49 Warning:      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:      1.00      MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no
OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test
that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2040\40SVMT4S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTR.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
      User supplied VMT mix.

* # # # # #
* Middlesex County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 16, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
      there are no sales for vehicle class HDGV8b
M 48 Warning:
      there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
      Calendar Year: 2040
      Month: July
      Altitude: Low
      Minimum Temperature: 66.5 (F)
      Maximum Temperature: 91.6 (F)
      Minimum Rel. Hum.: 41.4 (%)
      Maximum Rel. Hum.: 92.1 (%)
      Fuel Sulfur Content: 30. ppm

      Exhaust I/M Program: Yes
      Evap I/M Program: Yes
      ATP Program: Yes
      Reformulated Gas: Yes

      Vehicle Type:      LDGV      LDGT12      LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV      MC      All Veh
      GWR:              <6000      >6000      (All)
      VMT Distribution:  0.2937    0.4631    0.1579      0.0238    0.0003    0.0024    0.0574    0.0014    1.0000

-----
Composite Emission Factors (g/mi):
Composite VOC :      0.201    0.200    0.222    0.206    0.193    0.044    0.084    0.212    2.89    0.208
Composite NOX  :      0.118    0.180    0.260    0.200    0.165    0.023    0.096    0.397    1.16    0.188
-----

*****
* MOBILE6.2.03 (24-Sep-2003)
* Input file: 40OZ.IN (file 1, run 17).
*****
*****New Haven Expressway *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
      User has supplied post-1999 sulfur levels.
M603 Comment:
      User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)

```

```

M 49 Warning:      1.00      MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 FMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2040\40SVMT5S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
      User supplied VMT mix.

* # # # # #
* New Haven County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 17, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
      there are no sales for vehicle class HDGV8b
M 48 Warning:
      there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
      Calendar Year: 2040
      Month: July
      Altitude: Low
      Minimum Temperature: 66.5 (F)
      Maximum Temperature: 91.6 (F)
      Minimum Rel. Hum.: 41.4 (%)
      Maximum Rel. Hum.: 92.1 (%)
      Fuel Sulfur Content: 30. ppm

      Exhaust I/M Program: Yes
      Evap I/M Program: Yes
      ATP Program: Yes
      Reformulated Gas: Yes

      Vehicle Type:      LDGV      LDGT12      LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV      MC      All Veh
      GVWR:              <6000      >6000      (All)
      VMT Distribution:  0.2937    0.4631    0.1579    0.0238    0.0003    0.0024    0.0574    0.0014    1.0000

-----
Composite Emission Factors (g/mi):
Composite VOC :      0.171    0.179    0.194    0.183    0.155    0.037    0.070    0.164    3.00    0.181
Composite NOX :      0.110    0.171    0.228    0.185    0.192    0.035    0.147    0.612    1.45    0.189
-----

*****
* MOBILE6.2.03 (24-Sep-2003) *
* Input file: 400Z.IN (file 1, run 18). *
*****
*****New Haven Arterials/Collectors *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
      User has supplied post-1999 sulfur levels.
M603 Comment:
      User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)
M 49 Warning:
      1.00      MYR sum not = 1. (will normalize)

```









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*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test
that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2040\40SVMT6S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
    User supplied VMT mix.

* # # # # #
* New London County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 21, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
    data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
    Calendar Year: 2040
    Month: July
    Altitude: Low
    Minimum Temperature: 67.7 (F)
    Maximum Temperature: 95.5 (F)
    Minimum Rel. Hum.: 38.8 (%)
    Maximum Rel. Hum.: 90.6 (%)
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: Yes

    Vehicle Type: LDGV LDGT12 LDGT34 LDGT HDGV LDDV LDDT HDDV MC All Veh
    GVWR: <6000 >6000 (All)
    VMT Distribution: 0.2937 0.4631 0.1579 0.0238 0.0003 0.0024 0.0574 0.0014 1.0000

Composite Emission Factors (g/mi):
    Composite VOC : 0.169 0.177 0.192 0.181 0.150 0.036 0.067 0.155 3.15 0.179
    Composite NOX : 0.110 0.172 0.230 0.187 0.197 0.037 0.155 0.648 1.45 0.193

*****
* MOBILE6.2.03 (24-Sep-2003)
* Input file: 400Z.IN (file 1, run 22).
*****
*****New London Arterials/Collectors *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no
OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test
that replaced the ASM

```



\*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
 \*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR  
 \* Reading ASM I/M Test Credits from ASMDATA.D  
 \*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external  
 \* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external  
 \* data file: Z:\SER29C\2040\40SVMT6S.CTY

\* Reading Hourly Roadway VMT distribution from the following external  
 \* data file: FCVMTL.CTY

Reading User Supplied ROADWAY VMT Factors  
 M615 Comment:  
 User supplied VMT mix.

#####  
 \* New London County 2040 03 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
 \* File 1, Run 23, Scenario 1.  
 #####  
 \*\*\* I/M credits for Tech1&2 vehicles were read from the following external  
 data file: TECH12.D

M 48 Warning:  
 there are no sales for vehicle class HDGV8b  
 M 48 Warning:  
 there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D  
 Calendar Year: 2040  
 Month: July  
 Altitude: Low  
 Minimum Temperature: 67.7 (F)  
 Maximum Temperature: 95.5 (F)  
 Minimum Rel. Hum.: 38.8 (%)  
 Maximum Rel. Hum.: 90.6 (%)  
 Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
 Evap I/M Program: Yes  
 ATP Program: Yes  
 Reformulated Gas: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.3084	0.4861	0.1657		0.0081	0.0003	0.0025	0.0193	0.0096	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC :	0.300	0.322	0.306	0.422	0.076	0.152	0.444	4.39	0.346	
Composite NOX :	0.124	0.161	0.204	0.172	0.137	0.031	0.130	0.539	0.92	0.171
-----										

\*\*\*\*\*  
 \* MOBILE6.2.03 (24-Sep-2003) \*  
 \* Input file: 40OZ.IN (file 1, run 24). \*  
 \*\*\*\*\*  
 \*\*\*\*\*New London Ramp \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external  
 \* data file: NLEVNE.D  
 M616 Comment:  
 User has supplied post-1999 sulfur levels.  
 M603 Comment:  
 User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external  
 \* data file: CTREG05.D  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)  
 M 49 Warning:  
 1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external  
 \* data file: CTIM05PL.D  
 \*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)  
 \*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM  
 \*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR  
 \*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)  
 \*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
 \*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR





\* Reading Hourly VMT distribution from the following external  
 \* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external  
 \* data file: Z:\SER29C\2040\40SVMT7S.CTY

\* Reading Hourly Roadway VMT distribution from the following external  
 \* data file: FCVMTA.CTY

Reading User Supplied ROADWAY VMT Factors  
 M615 Comment:  
     User supplied VMT mix.

#####  
 \* Tolland County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
 \* File 1, Run 26, Scenario 1.  
 #####  
 \*\*\* I/M credits for Tech1&2 vehicles were read from the following external  
 data file: TECH12.D

M 48 Warning:  
     there are no sales for vehicle class HDGV8b

M 48 Warning:  
     there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D  
     Calendar Year: 2040  
     Month: July  
     Altitude: Low  
     Minimum Temperature: 67.7 (F)  
     Maximum Temperature: 95.5 (F)  
     Minimum Rel. Hum.: 38.8 (%)  
     Maximum Rel. Hum.: 90.6 (%)  
     Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: Yes  
 Evap I/M Program: Yes  
 ATP Program: Yes  
 Reformulated Gas: Yes

Vehicle Type:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:										
VMT Distribution:	0.3091	0.4873	0.1662		0.0077	0.0003	0.0025	0.0184	0.0085	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC :	0.212	0.213	0.230	0.217	0.231	0.047	0.091	0.238	3.22	0.241
Composite NOX :	0.117	0.165	0.222	0.180	0.164	0.025	0.104	0.430	1.10	0.172
-----										

\*\*\*\*\*  
 \* MOBILE6.2.03 (24-Sep-2003) \*  
 \* Input file: 40OZ.IN (file 1, run 27). \*  
 \*\*\*\*\*  
 \*\*\*\*\*Tolland Local \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external  
 \* data file: NLEVNE.D  
 M616 Comment:  
     User has supplied post-1999 sulfur levels.

M603 Comment:  
     User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external  
 \* data file: CTREG05.D  
 M 49 Warning:  
     1.00 MYR sum not = 1. (will normalize)

M 49 Warning:  
     1.00 MYR sum not = 1. (will normalize)

M 49 Warning:  
     1.00 MYR sum not = 1. (will normalize)

M 49 Warning:  
     1.00 MYR sum not = 1. (will normalize)

M 49 Warning:  
     1.00 MYR sum not = 1. (will normalize)

M 49 Warning:  
     1.00 MYR sum not = 1. (will normalize)

M 49 Warning:  
     1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external  
 \* data file: CTIM05PL.D  
 \*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)  
 \*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM  
 \*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR  
 \*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)  
 \*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
 \*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D  
 \*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external  
 \* data file: CTHVMT.DEF



```

* data file: Z:\SER29C\2040\40SVMT7S.CTY

* Reading Hourly Roadway VMT distribution from the following external
* data file: FCVMTR.CTY

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
    User supplied VMT mix.

* # # # # #
* Tolland County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 28, Scenario 1.
* # # # # #
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D
M 48 Warning:
    there are no sales for vehicle class HDGV8b
M 48 Warning:
    there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D
    Calendar Year: 2040
    Month: July
    Altitude: Low
    Minimum Temperature: 67.7 (F)
    Maximum Temperature: 95.5 (F)
    Minimum Rel. Hum.: 38.8 (%)
    Maximum Rel. Hum.: 90.6 (%)
    Fuel Sulfur Content: 30. ppm

    Exhaust I/M Program: Yes
    Evap I/M Program: Yes
    ATP Program: Yes
    Reformulated Gas: Yes

    Vehicle Type: LDGV LDGT12 LDGT34 LDGT (All) HDGV LDDV LDDT HDDV MC All Veh
    GVWR: <6000 >6000
    VMT Distribution: 0.2937 0.4631 0.1579 0.0238 0.0003 0.0024 0.0574 0.0014 1.0000

-----
Composite Emission Factors (g/mi):
Composite VOC : 0.204 0.204 0.225 0.209 0.198 0.044 0.084 0.212 2.99 0.211
Composite NOX : 0.119 0.179 0.260 0.200 0.165 0.023 0.096 0.397 1.12 0.187
-----

*****
* MOBILE6.2.03 (24-Sep-2003)
* Input file: 40OZ.IN (file 1, run 29).
*****
*****Windham Expressway *****

* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external
* data file: NLEVNE.D
M616 Comment:
    User has supplied post-1999 sulfur levels.
M603 Comment:
    User has disabled the calculation of REFUELING emissions.

* Reading Registration Distributions from the following external
* data file: CTREG05.D
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)
M 49 Warning:
    1.00 MYR sum not = 1. (will normalize)

* Reading I/M program description records from the following external
* data file: CTIM05PL.D
*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)
*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM
*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR
*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)
*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)
*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading ASM I/M Test Credits from ASMDATA.D
*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

* Reading Hourly VMT distribution from the following external
* data file: CTHVMT.DEF

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: Z:\SER29C\2040\40SVMT8S.CTY

```



\* Reading Hourly Roadway VMT distribution from the following external  
\* data file: FCVMTF.CTY

Reading User Supplied ROADWAY VMT Factors  
M615 Comment:  
User supplied VMT mix.

\* #####  
\* Windham County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2  
\* File 1, Run 29, Scenario 1.  
\* #####  
\*\*\* I/M credits for Tech1&2 vehicles were read from the following external  
data file: TECH12.D  
M 48 Warning:  
there are no sales for vehicle class HDGV8b  
M 48 Warning:  
there are no sales for vehicle class LDDT12

LEV phase-in data read from file NLEVNE.D  
Calendar Year: 2040  
Month: July  
Altitude: Low  
Minimum Temperature: 67.7 (F)  
Maximum Temperature: 95.5 (F)  
Minimum Rel. Hum.: 38.8 (%)  
Maximum Rel. Hum.: 90.6 (%)  
Fuel Sulfur Content: 30. ppm  
Exhaust I/M Program: Yes  
Evap I/M Program: Yes  
ATP Program: Yes  
Reformulated Gas: Yes

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.2937	0.4631	0.1579		0.0238	0.0003	0.0024	0.0574	0.0014	1.0000
-----										
Composite Emission Factors (g/mi):										
Composite VOC :	0.167	0.176	0.191	0.180	0.146	0.035	0.066	0.152	3.25	0.178
Composite NOX :	0.111	0.173	0.232	0.188	0.199	0.039	0.164	0.686	1.49	0.196

\*\*\*\*\*  
\* MOBILE6.2.03 (24-Sep-2003) \*  
\* Input file: 40OZ.IN (file 1, run 30). \*  
\*\*\*\*\*  
\*\*\*\*\*Windham Arterials/Collectors \*\*\*\*\*

\* Reading 94+ LEV IMPLEMENTATION SCHEDULE from the following external  
\* data file: NLEVNE.D  
M616 Comment:  
User has supplied post-1999 sulfur levels.  
M603 Comment:  
User has disabled the calculation of REFUELING emissions.

\* Reading Registration Distributions from the following external  
\* data file: CTREG05.D  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)  
M 49 Warning:  
1.00 MYR sum not = 1. (will normalize)

\* Reading I/M program description records from the following external  
\* data file: CTIM05PL.D  
\*CT I/M PROGRAMS for all years 2005 and later (modified Jun 05 PMB/AG to reflect DMV info that 8,501-10,000 lb get TSI & GC (no OBD)  
\*Biennial OBDII I/M "tailpipe" test for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR. Program start year reflects OBD test that replaced the ASM  
\*Biennial OBDII evaporative "test" for post-MY1995 gasoline vehicles up to 8,500 lbs GVWR  
\*Biennial 2500/IDLE I/M tailpipe test for all HDGT 8,501 - 10,000 lbs GVWR (per above comment)  
\*Biennial GC evaporative "test" for all HDGT 8,501 - 10,000 lbs (per above comment)  
\*Biennial ASM I/M tailpipe test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading ASM I/M Test Credits from ASMDATA.D  
\*Biennial Gas Cap evaporative test for pre-96 gasoline vehicles up to 8,500 lbs GVWR

\* Reading Hourly VMT distribution from the following external  
\* data file: CTHVMT.DEF

\* Reading Hourly, Roadway, and Speed VMT dist. from the following external  
\* data file: Z:\SER29C\2040\40SVMT8S.CTY

\* Reading Hourly Roadway VMT distribution from the following external  
\* data file: FCVMTA.CTY





```

* #####
* Windham County 2040 O3 SEASON w/OBD/ASM/idle I/M W/gascap, ATP, RFG2
* File 1, Run 32, Scenario 1.
* #####
*** I/M credits for Tech1&2 vehicles were read from the following external
data file: TECH12.D

```

```

M 48 Warning:
      there are no sales for vehicle class HDGV8b
M 48 Warning:
      there are no sales for vehicle class LDDT12

```

```

LEV phase-in data read from file NLEVNE.D
Calendar Year: 2040
Month: July
Altitude: Low
Minimum Temperature: 67.7 (F)
Maximum Temperature: 95.5 (F)
Minimum Rel. Hum.: 38.8 (%)
Maximum Rel. Hum.: 90.6 (%)
Fuel Sulfur Content: 30. ppm

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Exhaust I/M Program: Yes
Evap I/M Program: Yes
ATP Program: Yes
Reformulated Gas: Yes

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Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
VMT Distribution:	0.2937	0.4631	0.1579		0.0238	0.0003	0.0024	0.0574	0.0014	1.0000
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Composite Emission Factors (g/mi):										
Composite VOC :	0.204	0.204	0.225	0.209	0.198	0.044	0.084	0.212	2.99	0.211
Composite NOX :	0.119	0.179	0.260	0.200	0.165	0.023	0.096	0.397	1.12	0.187
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