Appendix I

Example MOBILE6 Input and Output Files

MOBILE6 INPUT FILE

```
POLLUTANTS         : HC NOX
DATABASE OUTPUT    :
WITH FIELDNAMES    :
DATABASE EMISSIONS : 2222 2221
DATABASE FACILITIES: ARTERIAL FREEWAY LOCAL RAMP

RUN DATA

MIN/MAX TEMPERATURE: 60. 82.
FUEL RVP           : 9.0
FUEL PROGRAM       : 2 N
NO REFUELING       :
EXPAND EXHAUST     :
EXPAND EVAPORATIVE :
ANTI-TAMP PROG     :
90 76 95 22222 21111111 1 12 095. 12111112
REG DIST           : iregdata.d

* The following describes the I/M programs within Lake/Porter Counties:
* First I/M Program
I/M PROGRAM        : 1 1997 2050 2 T/O IDLE
I/M MODEL YEARS    : 1 1976 1980
I/M VEHICLES       : 1 22222 21111111 1
I/M STRINGENCY     : 1 20.0
I/M COMPLIANCE     : 1 95.0
I/M WAIVER RATES   : 1 3.0 3.0
* Second I/M Program (Cutpoints for LDGV, LDGT2, LDGT4 and HDGV2B)
I/M PROGRAM        : 2 1997 2050 2 T/O IM240
I/M MODEL YEARS    : 2 1981 1995
I/M VEHICLES       : 2 21212 21111111 1
I/M STRINGENCY     : 2 20.0
I/M COMPLIANCE     : 2 95.0
I/M WAIVER RATES   : 2 3.0 3.0
I/M CUTPOINTS      : 2 IM2002A.d
I/M GRACE PERIOD   : 2 4
* Third I/M Program (Cutpoints for LDGT1 and LDGT3)
I/M PROGRAM        : 3 1997 2050 2 T/O IM240
I/M MODEL YEARS    : 3 1981 1995
I/M VEHICLES       : 3 12121 11111111 1
I/M STRINGENCY     : 3 20.0
I/M COMPLIANCE     : 3 95.0
I/M WAIVER RATES   : 3 3.0 3.0
I/M CUTPOINTS      : 3 IM2002B.d
I/M GRACE PERIOD   : 3 4
* Fourth I/M Program
I/M PROGRAM        : 4 1997 2050 2 T/O GC
I/M MODEL YEARS    : 4 1976 1995
I/M VEHICLES       : 4 22222 21111111 1
* Fifth I/M Program
I/M PROGRAM        : 5 2002 2050 2 T/O OBD I/M
I/M MODEL YEARS    : 5 1996 2050
I/M VEHICLES       : 5 22222 21111111 1
I/M STRINGENCY     : 5 20.0
I/M COMPLIANCE     : 5 95.0
I/M WAIVER RATES   : 5 3.0 3.0
```

```
I/M GRACE PERIOD   : 5 4
* Sixth I/M Program
I/M PROGRAM        : 6 1997 2050 2 T/O EVAP OBD & GC
I/M MODEL YEARS    : 6 1996 2050
I/M VEHICLES       : 6 22222 11111111 1

SCENARIO RECORD

CALENDAR YEAR      : 2010
EVALUATION MONTH   : 7
VMT FRACTIONS      :
0.364715466 0.091693420 0.305130180 0.094060366 0.035666192 0.033118607
0.003226941 0.002717424
0.002038068 0.007387997 0.008746709 0.009510985 0.033882883 0.001698390
0.000849195 0.005557177
VMT BY FACILITY    : 2010nvmt.d
SPEED VMT          : svmt10.d

END OF RUN
```

MOBILE6 OUTPUT FILE

Lake-Porter

Vehicle Type:	LDGV	LDGT12	LDGT34	LDGT	HDGV	LDDV	LDDT	HDDV	MC	All Veh
GVWR:		<6000	>6000	(All)						
	---	---	---	---	---	---	---	---	---	---
VMT Distribution:	0.3644	0.3968	0.1278	0.5246	0.0304	0.0003	0.0019	0.0728	0.0056	1
---	---	---	---	---	---	---	---	---	---	---
Composite Emission Fac	tors (g/mi	):								
Composite VOC :	0.519	0.428	0.543	0.456	0.524	0.166	0.292	0.289	1.83	0.476
Composite NOX :	0.486	0.565	0.844	0.633	2.483	0.48	0.689	8.214	1.4	1.192
---	---	---	---	---	---	---	---	---	---	---
Exhaust emissions (g/mi	):									
VOC Start:	0.118	0.119	0.166	0.13		0.068	0.103		0.401	0.113659
VOC Running:	0.1	0.108	0.161	0.121		0.098	0.189		1.038	0.131626
VOC Total Exhaust:	0.219	0.227	0.327	0.251	0.147	0.166	0.292	0.289	1.44	0.245
NOx Start:	0.089	0.107	0.142	0.115		0.018	0.02		0.395	0.095016
NOx Running:	0.397	0.458	0.701	0.517		0.462	0.67		1.006	1.096393
NOx Total Exhaust:	0.486	0.565	0.844	0.633	2.483	0.48	0.689	8.214	1.4	1.192
---	---	---	---	---	---	---	---	---	---	---
Non-Exhaust Emissions (	g/mi):									
Hot Soak Loss:	0.13	0.085	0.087	0.086	0.143	0	0	0	0.072	0.097
Diurnal Loss:	0.014	0.01	0.011	0.01	0.025	0	0	0	0.002	0.011
Resting Loss:	0.078	0.05	0.06	0.053	0.133	0	0	0	0.319	0.062
Running Loss:	0.069	0.046	0.048	0.046	0.067	0	0	0	0	0.051
Crankcase Loss:	0.008	0.01	0.01	0.01	0.01	0	0	0	0	0.009
Refueling Loss:	0	0	0	0	0	0	0	0	0	0
Total Non-Exhaust:	0.3	0.201	0.216	0.204	0.377	0	0	0	0.392	0.23
---	---	---	---	---	---	---	---	---	---	---

month	iimvmt	iemvmt	eimvmt	eemvmt	MVMT
1	260507809	53621688	49689584	119629666	483,448,747
2	241369566	49682363	46039132	110841056	447,932,117
3	274513605	56504575	52361067	126061369	509,440,615
4	272164245	56020994	51912947	124982502	505,080,689
5	284037546	58464938	54177676	130434926	527,115,086
6	284633922	58587693	54291429	130708792	528,221,836
7	288519401	59387461	55032550	132493071	535,432,483
8	289639865	59618092	55246269	133007607	537,511,833
9	273790725	56355781	52223184	125729410	508,099,100
10	280115923	57657729	53429660	128634050	519,837,363
11	269453446	55463016	51395886	123737657	500,050,005
12	280115923	57657729	53429660	128634050	519,837,363