

APPENDIX F

MOBILE6.2 Input Parameter Summary

Table 1: General Parameters and Options

Input parameter	Summer Wkd
Output Pollutants Analysis Day Counties	VOC, NOX Avg Weekday (Jun, Jul, Aug) Cecil
Traffic Data	
SHA Universal Highway Database Source Data Year HPMS VMT Adjustment Year SHA Seasonal Factor Data SHA Hourly Pattern Data MOBILE6 Defaults Used to Disaggregate Auto, Truck, Bus, MC Vehicle Mix Categories Traffic Volume Forecasted Growth	2005 2005 2005 2005 2005 Extrapolated growth based on 1990-2005 HPMS VMT
M6 Parameters	
Emissions Calendar Year Evaluation Month Season CAAA Standards Tier2 Standards 2007 HDDV Rule North-East NLEV Refueling Emissions Registration Data Diesel Sales Fractions VMT by Hour VMT by Facility VMT by Speed	2009 7 (July) 1 - Summer Enabled Enabled Enabled Included Not Included 2005 from MDE 2005 from MDE 2005 Local Data (varies by cty, fc) Each facility run as separate scenario Calculated by PPSUITE

Table 2: Inspection/Maintenance Program Input Parameters

MOBILE6 I/M Test Types:	2009				
I/M Program	EVAP OBD & GC	OBD I/M	IM240*	IDLE	IDLE
Program Start Year	2002	1984	1984	1984	1984
I/M Stringency		20.0	20.0	20.0	20.0
I/M Model Years					
<i>First Year</i>	1996	1996	1984	1977	1977
<i>Last Year</i>	2050	2050	1995	2050	1983
I/M Waiver Rates					
Pre-81 Model Years	5.4%	5.4%	13.8%	13.8%	13.8%
Post-81 Model Years	5.4%	5.4%	13.8%	13.8%	13.8%
I/M Compliance	96.0%	96.0%	96.0%	96.0%	96.0%
Program Type: Test Only (T/O) Test & Repair computerized (TRC) Test & Repair Manual (TRM)	T/O	T/O	T/O	T/O	T/O
Inspection Frequency Annual / Biennial	2	2	2	2	2
I/M Vehicles 1 = I/M Benefits not calculated 2 = I/M Benefits calculated					
LDGV	2	2	2	1	2
LDGT1	2	2	2	1	2
LDGT2	2	2	2	1	2
LDGT3	2	2	2	1	2
LDGT4	2	2	2	1	2
HDGV2B	1	1	1	2	1
HDGV3	1	1	1	2	1
HDGV4	1	1	1	2	1
HDGV5	1	1	1	2	1
HDGV6	1	1	1	2	1
HDGV7	1	1	1	1	1
HDGV8A	1	1	1	1	1
HDGV8B	1	1	1	1	1
GAS BUS	1	1	1	1	1
I/M Grace Period	2	2	2	2	2

* Uses 75% Cutpoints for 2009 and varies by year.

Table 3: Anti-Tampering Program Input Parameters

ATP Parameters	Cecil County
Program Start Year	89
I/M Model Years	
First Year	77
Last Year	83
I/M Vehicles	
1 = I/M Benefits not calculated	
2 = I/M Benefits calculated	
LDGV	2
LDGT1	2
LDGT2	2
LDGT3	2
LDGT4	2
HDGV2B	2
HDGV3	2
HDGV4	2
HDGV5	2
HDGV6	2
HDGV7	1
HDGV8A	1
HDGV8B	1
GAS BUS	1
Inspection Frequency:	
Annual	2
Biennial	
I/M Compliance	96.0%
Inspections Performed:	
1 = Not Performed	
2 = Performed	
Air Pump System	1
Catalyst Removal	2
Fuel Inlet Restrictor	2
Tailpipe Lead Deposit Test	1
EGR System	1
Evaporative Control System	1
PCV System	1
Gas Cap	2