

**Maryland Department of the Environment  
Air and Radiation Management Administration  
Mobile Sources Control Program  
Baltimore Nonattainment Area MOBILE6 Modeling Emission Analysis**

**Rate of Further Progress Runs**

Step	Modeling Scenario	Baltimore Area		Remarks
		VOC	NOx	
1	2002 RFP Base-Year Inventory	70.6	177.1	All 2002 control programs in place, 2002 VMT
2	2002 RFP Adjusted Year Inventory	101.9	211.1	CAA Off, 7.8 RVP, 1990 I/M, 2002 Eval Yr & 2002 VMT
3	2008 RFP Adjusted Year Inventory	92.8	188.5	CAA Off, 7.8 RVP, 1990 I/M, 2008 Eval Yr & 2002 VMT
4	2009 RFP Adjusted Year Inventory	92.5	188.0	CAA Off, 7.8 RVP, 1990 I/M, 2009 Eval Yr & 2002 VMT
7	2008 Projected Emission Inventory	41.2	106.8	All 2008 control programs in place
8	2009 Projected Emission Inventory	38.7	97.0	All 2009 control programs in place
9	2010 Projected Emission Inventory	36.3	85.5	All 2010 control programs in place

**2008 RFP Analysis**

2008 Non-Creditables (Step 2 minus Step 3)	9.1	22.6
2008 Adjstd Base-Year minus Non-Creditables	83.7	165.9
2008 Target Emissions (w/15% Reductions)	71.1	141.0
2008 Target Emissions (w/18% Reductions)	68.6	136.1
2008 Projectd Emissions (14% Projectd VMT Growth)	41.2	106.8

Notes:

Emission modeling performed with PPSuite system designed for the state of MD, using the SHA-Count data to compute VMT  
U.S. EPA's latest model MOBILE6.2 is built into the PPSuite system for producing the emission factors

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