

Maryland Department of the Environment Mobile Sources Control Program

Cecil County MOBILE6 Modeling Emission Analysis R.O.P Runs using the 2002-based MD-EMIS System

Step	Modeling Scenario	Cecil Area		Remarks
		VOC	NOx	
1	2002 RFP Base-Year Inventory	4.0	14.2	All 2002 control programs in place, 2002 VMT
2	2002 RFP Adjusted Year Inventory	5.4	16.1	CAA Off, 7.8 RVP, 1990 I/M, 2002 Eval Yr & 2002 VMT
3	2008 RFP Adjusted Year Inventory	4.7	13.9	CAA Off, 7.8 RVP, 1990 I/M, 2008 Eval Yr & 2002 VMT
4	2009 RFP Adjusted Year Inventory	4.7	13.8	CAA Off, 7.8 RVP, 1990 I/M, 2009 Eval Yr & 2002 VMT
7	2008 Projected Emission Inventory	2.3	7.9	All 2008 control programs in place
8	2009 Projected Emission Inventory	2.2	7.2	All 2009 control programs in place
9	2010 Projected Emission Inventory	2.03	6.4	All 2010 control programs in place
2008 RFP Analysis				
2008 Non-Creditables (Step 2 minus Step 3)		0.7	2.2	
2008 Adjstd Base-Year minus Non-Creditables		3.0	10.8	
2008 Target Emissions (w/15% Reductions)		2.5	9.2	
2008 Target Emissions (w/18% Reductions)		2.4	8.9	
2008 Projectd Emissions (14% Projectd VMT Growth)		2.6	9.4	

Note: The New MD-EMIS system with 2005 updates may show a similar trend but the absolute numbers will be different