

PREFACE

This document is an addendum to the PM_{2.5} Attainment Demonstration and State Implementation Plan (PM_{2.5} SIP) for the Chattanooga Tennessee portion of the non attainment area. The prehearing draft of the Chattanooga PM_{2.5} SIP includes a demonstration that emissions of nitrogen oxides from sources within this nonattainment area do not contribute significantly to PM_{2.5} nonattainment' If the U. S. EPA determines that NO_x emissions contribute significantly to PM_{2.5} nonattainment in the Chattanooga Nonattainment area, the information contained in this document shall be incorporated into the Chattanooga SIP.

All sources of NO_x were considered in the analysis for the SIP. In the analysis, no NO_x sources were found that could bring the area to into attainment earlier than 2009 The analysis included stationary sources and on and off road mobile sources. All sources were evaluated to confirm that they already were at least subject to RACT as required by the implementation rule. Mobile sources are already subject to the Tennessee Inspection and Maintenance requirements which constitute RACT. Stationary sources are presently subject to RACT requirements.

If EPA determines that NO_x is significant in this nonattainment area, then the following Section 5.2 will replace Section 5.2 in the SIP.

5.2 Transportation Budget for Hamilton County

The budget was developed following the 2005 EPA *Guidance for Creating On-Road Mobile Source Emission Inventories for PM_{2.5}*. Mobile source inventories were developed using the latest planning assumptions, the most recent recalibrated travel demand model, and EPA's latest motor vehicle model, Mobile 6.2.03. Average annual activity and meteorology was used in modeling. *Planning Assumptions for Development of 2009 CHCNGA TPO TransCAD Model 2009 Emissions Results* are contained in Appendix 14

PM _{2.5}	NO _x
125.56 TPY	5861.12 TPY