Delaware SIP for Attaining the 8-Hour Ozone NAAQS Reasonable Further Progress and Attainment Demonstration
As of May 24, 2007

Section 11. Documentation and Appendices

~~(Other appendixes will be added later)~~

Appendix 4-1

Part 1: MOBILE6.2 Input and Output Files for Delaware 2002, 2008 and 2009 Mobile Source Emission Adjustments.
Part 2: Calculations of the Adjusted 2002, 2008 and 2009 On-Road Mobile Source Emission Projections.

Appendix 6-1

Development of Emission Projections for 2009, 2012, and 2018 for Non-EGU Point, Area, and Non-road Sources in the MANE-VU Region, Draft Final Technical Support Document, Prepared for Mid-Atlantic Regional Air Management Association (MARAMA) by MACTEC Federal Programs, Inc., December 7, 2006.

Appendix 6-2

The 2009 Emission Projections of Delaware Non-EGU, Non-Point and Non-Road Mobile Sources.

Appendix 6-3

Part 1: MOBILE6.2 Input and Output Files for Delaware 2008 and 2009 Mobile Source Emission Projections.
Part 2: Calculations of 2008 and 2009 On-Road Mobile Source Emission Projections.

Appendix 7-1

A Modeling Protocol for the OTC SIP Quality Modeling System for Assessment of the Ozone National Ambient Air Quality Standard in the Ozone Transport Region, The Modeling Committee of the Ozone Transport Commission (OTC), OTC, 2000.

Appendix 7-2

Technical Supporting Document 1d: The 8-hour Ozone Modeling Using the SMOKE/CMAQ System, Bureau of Air Quality Analysis and Research, Division of Air Resources, New York State Department of Environmental Conservation, Albany, NY, February 2006.

Appendix 7-3

Determination of Representativeness of 2002 Ozone Season for Ozone Transport Region SIP Modeling, Prepared for OTC, Prepared by Environ, June 2005.

Appendix 7-4

Qualitative Episode Analysis of the 2002 Ozone Season, William F. Ryan, Department of Meteorology, Pennsylvania State University, and Charles Piety, Department of Atmospheric and Oceanic Science, University of Maryland, 2002.

Appendix 7-5

Technical Supporting Document 1a: Meteorological Modeling using Penn State/NCAR 5th Generation Mesoscale Model (MMV), Bureau of Air Quality Analysis and Research Division of Air Resources, New York State Department of Environmental Conservation Albany, NY, February 2006.

Appendix 7-6

Technical Supporting Document 1e: CMAQ Model Performance and Assessment- 8-Hour Ozone Modeling, Bureau of Air Quality Analysis and Research, Division of Air Resources, New York State Department of Environment, Albany, NY, ~~September~~ February 2006.

Appendix 7-7

Technical Supporting Document 1b: Processing of Biogenic Emissions for OTC/MANE_VU Modeling, Bureau of Air Quality Analysis and Research, Division of Air Resources, New York State Department of Environment, Albany, NY, September 2006.

Appendix 7-8

Technical Supporting Document 1c: Emission Processing for the Revised 2002 OTC Regional and Urban 12 km Base Case Simulations, Bureau of Air Quality Analysis and Research, Division of Air Resources, New York State Department of Environment, Albany, NY, September 2006.

Appendix 7-9

Technical Supporting Document 1f: Future Year Emissions Inventory for 8-Hr OTC Ozone Modeling, Bureau of Air Quality Analysis and Research, Division of Air Resources, New York State Department of Environment, Albany, NY, February 2007.

Appendix 7-10

~~*The conceptual model document,*~~ *The Nature of the Ozone Air Quality Problem in the Ozone Transport Region: A Conceptual Description*, NESCAUM, October 2006.

Appendix 7-11

A Conceptual Model for Ozone Transport, Prepared by Dr. Robert Hudson, Department of Atmospheric & Science, University of Maryland, January 2006.

Appendix 7-12

A Guide to Mid-Atlantic Regional Air Quality, Mid-Atlantic Regional Air Management Association (MARAMA), October 2005.

Appendix 7-13

Technical Supporting Document aa: Trends in Measured 1-hour Ozone Concentrations over the OTR modeling domain, Bureau of Air Quality Analysis and Research, Division of Air Resources, New York State Department of Environment, Albany, NY, September 2006.

Appendix 8-1

CALGRID Zero Out Modeling Analysis, Mohammed A. Majeed, Ph.D. and P.E., Air Quality Management Section, Delaware Department of natural Resources and Environmental Control, Dover, DE, May 2007

Appendix 9-1

Delaware State Implementation Plan for Attainment of the 8-Hour Ozone National Ambient Air Quality Standard, Revision for Establishment of 2008 and 2009 Mobile Source Emission Budgets, Delaware Department of Natural Resources and Environmental Control, Air Quality Management Section, Dover, Delaware, May 2007.

Appendix 10-1

Identification and Evaluation of Candidate Control Measures, Draft Final Technical Support Document, Prepared for Ozone Transport Commission (OTC), Prepared by MACTEC Federal Programs, Inc., Herndon, Virginia, February, 2007