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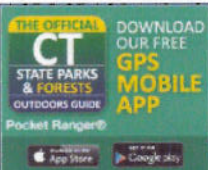
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Revision to Connecticut's State Implementation Plan **8-Hour Ozone Attainment Demonstration** **(for the 1997 NAAQS)**

This page presents the Connecticut Department of Energy and Environmental Protection's (CT DEEP) air quality state implementation plan (SIP) revision for attaining the 1997 federal 8-hour National Ambient Air Quality Standard (NAAQS) for ground-level ozone, and related DEEP/EPA correspondence. The plan describes the national, regional and local control measures to be implemented to reduce emissions and uses air quality modeling and other analyses of air quality and meteorological data to assess the likelihood of reaching attainment in Connecticut by the 2010 attainment deadline.

EPA's Proposed Disapproval of Connecticut's SIP Revision

[July 31, 2009 CT DEEP Letter Re. EPA's Proposed Disapproval of CT SIP](#)
[June 22, 2009 Federal Register Notice Reopening Comment Period](#)
[June 8, 2009 CT DEEP Comments on EPA's Proposed Disapproval of CT SIP](#)
[June 1, 2009 CT DEEP Request for Extension of Comment Period re. Proposed Disapproval](#)
[May 8, 2009 Federal Register Notice of EPA's Proposed Disapproval of CT SIP](#)

Connecticut DEEP/EPA Correspondence Regarding Potential Reclassification

[DEEP Response Letter of December 5, 2008](#) (PDF, 2MB)
[EPA Letter of November 17, 2008](#)

Complete 8-Hour Ozone SIP - Submitted February 1, 2008

(Some of these documents are large and may not open quickly. Individual Chapters & Appendices can be accessed below.)

[Cover Letter to EPA \(February 1, 2008\)](#) (PDF, 1.7MB)

[Attachment A:](#) Hearing Report (PDF, 0.7MB)

[Attachment B:](#) Hearing Notice (PDF, 2.3MB)

[Attachment C:](#) Hearing Certification (PDF, 0.8MB)

[Attachment D:](#) Attainment Demonstration
Technical Support Document (TSD) (PDF, 2.7MB)

[Attachment E:](#) Adopted Regulations (PDF, 5.0MB)

[Attachment F:](#) Attainment Demonstration TSD Appendices (PDF, 32.3MB)

[Attachment G:](#) 2002 Periodic Emissions Inventory (PDF, 4.1MB)

Attainment Demonstration TSD Chapters

[Title Page and Table of Contents](#)

[Executive Summary](#) (PDF, 1 MB)

[Chapter 1: Introduction and Background](#)

[Chapter 2: Nature of the Ozone Air Quality Problem in the Northeast and Connecticut](#)

[Chapter 3: Ozone Air Quality Levels in Connecticut and Recent Trends](#)

[Chapter 4: Base and Future Year Emission Estimates](#)

[Chapter 5: Meeting Reasonable Further Progress Requirements](#)

[Chapter 6: Reasonably Available Control Measures \(RACM\) Analysis](#)

[Chapter 7: Transportation Conformity Process and Motor Vehicle Emission Budgets](#)

[Chapter 8: Attainment Demonstration and Weight of Evidence](#)

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Attainment Demonstration TSD Appendices

[Appendix 2A](#)

"The Nature of the Ozone Air Quality Problem in the Ozone Transport Region: A Conceptual Description," NESCAUM, October 2006 (PDF, 5.8MB)



Appendix 2B	A Connecticut Perspective On the Regional Ozone Problem (PDF, 4.5MB)
Appendix 4A	Documentation of Mobile Source Emissions Modeling: NONROAD2005 Input Files and MOBILE6.2 Input Files for Greater Connecticut and Southwest Connecticut Emission Estimates 2002, 2008, 2009, 2012 (PDF)
Appendix 4B	Portable Fuel Container Emission Estimates for 2005 Excerpted from CTDEEP's Draft 2005 Periodic Emissions Inventory (draft, April 16, 2007) (PDF)
Appendix 4C	2002 Base Year Inventory Used to Develop Rate-of-Progress Emission Target Levels (PDF)
Appendix 4D	Documentation of Growth Factors Used to Project Emissions for 2008, 2009 and 2012 (PDF)
Appendix 4E	Emission Projections for 2008, 2009, & 2012 Including Calculation of Emission Reductions Resulting from Control Strategies (PDF)
Appendix 5A	Documentation of On-Road Mobile Source Emissions Modeling for Reasonable Further Progress (RFP) Inventories 2002 and 2008 MOBILE6.2 Input Files for Greater Connecticut and Southwest Connecticut (PDF)
Appendix 6A	Final 2007 Statewide Transportation Improvement Program (STIP) as of 3/30/07 (PDF)
Appendix 6B	The Ozone Transport Commission Control Measures Technical Support Document (TSD) (PDF, 2.2MB)
Appendix 8A	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 (PDF)
Appendix 8B	Determination of Representativeness of 2002 Ozone Season for Ozone Transport Region SIP Modeling (PDF, 2.1MB)
Appendix 8C	OTC Modeling Grid Configurations Developed by NYDEC (PDF)
Appendix 8D	MM5 Model Configuration (PDF)
Appendix 8E	MM5 Model Evaluation Document #1 (PDF, 1.7MB)
Appendix 8F	MM5 Model Evaluation Document #2 (PDF, 5.9MB)
Appendix 8G	Documentation of the Base G 2002 Base Year, 2009 and 2018, Emission Inventories for VISTAS (PDF, 1.3MB)
Appendix 8H	Technical Support Document for 2002 MANE-VU SIP Modeling Inventories, Version 3 (PDF)
Appendix 8I	Development of Emission Projections For 2009, 2012, and 2018 For NonEGU Point, Area, and Nonroad Source In the MANE-VU Region (PDF)
Appendix 8J	Emission Processing for the Revised 2002 OTC Regional and Urban 12 km Base Case Simulations (PDF)
Appendix 8K	Emission Processing for OTC 2009 OTW/OTB 12km CMAQ Simulations (PDF)
Appendix 8L	CMAQ Air Quality Model Configuration (PDF)
Appendix 8M	CMAQ Model Performance and Assessment, 8-Hr OTC Ozone Modeling (PDF)
Appendix 8N	Isopleth Maps Displaying Ozone Design Value Improvements In the Northeast 1985 - 2006 (PDF)
Appendix 8O	"Memorandum of Understanding Among the States of the Ozone Transport Commission Concerning the Incorporation of High Electrical Demand Day Emission Reduction Strategies into Ozone Attainment State Implementation Planning," March 2, 2007 (PDF, 1.5MB)
Appendix 8P	"Avoided Nitrogen Oxide Emissions from Energy Efficiency on High Electric Demand Days in Connecticut: A preliminary Analysis," Resource Systems Group Inc. - March 2007 (PDF)
Appendix 8Q	ECMB 2006 Annual Report, March 2007 (PDF, 2.1MB)

Content last updated on August 4, 2009

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