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# SIP Revision: 2008 Eight-Hour Ozone Attainment Demonstration (AD), Dallas-Fort Worth (DFW), June 3, 2015

**On June 3, 2015, the Texas Commission on Environmental Quality (TCEQ) adopted an attainment demonstration (AD) State Implementation Plan (SIP) revision for the DFW moderate nonattainment area under the 2008 eight-hour ozone National Ambient Air Quality Standard (NAAQS).**

## Summary of the SIP Revision

**Adoption Date:** 06/03/2015

**Proposal Date:** 12/10/2014

**EPA Approval Date:** See [DFW 2008 Eight-Hour Ozone NAAQS AD SIP for the 2017 Attainment Year](#)

**Background:** The Federal Clean Air Act (FCAA) requires states to submit plans to demonstrate attainment of the NAAQS for nonattainment areas within the state. On May 1, 2012, the 10-county DFW area, consisting of Collin, Dallas, Denton, Ellis, Johnson, Kaufman, Parker, Rockwall, Tarrant, and Wise Counties, was designated as a moderate nonattainment area for the 2008 eight-hour ozone standard. The attainment date for the DFW moderate nonattainment area was established in the United States Environmental Protection Agency's (EPA) implementation rule for the 2008 ozone NAAQS published in the *Federal Register* (FR) on May 21, 2012 ([77 FR 30160](#)) and was set as December 31, 2018. Attainment of the standard (expressed as 0.075 parts per million) is achieved when an area's design value does not exceed 75 parts per billion (ppb).

On December 23, 2014, the D.C. Circuit Court ruled on a lawsuit that modified the attainment date from December 31, 2018 to July 20, 2018. In addition, because the attainment year ozone season is the ozone season immediately preceding a nonattainment area's attainment date, the attainment year for the DFW moderate nonattainment area changed from 2018 to 2017. Due to the timing of the court's ruling and the EPA's subsequent rulemaking action, it was not possible to complete all work necessary for this DFW AD SIP revision to demonstrate attainment in 2017. Therefore, this DFW AD SIP revision included the work completed to date to demonstrate that the DFW nonattainment area would attain the 2008 eight-hour ozone NAAQS by 2018 as proposed, and demonstrated progress toward attainment by the new 2017 attainment year. The DFW AD SIP revision also committed to develop a new AD SIP revision for the DFW 2008 eight-hour ozone nonattainment area as long as 2017 remains the attainment year.

## Key Changes:

This SIP revision included:

- Photochemical modeling and a weight of evidence analysis to demonstrate attainment by December 31, 2018;



- Two rulemakings for reasonably available control technology (RACT) requirements for all control techniques guidelines (CTG) and all non-CTG major source emission source categories of VOC and NO<sub>x</sub>.
- A contingency plan; and
- A commitment to develop a new SIP revision to include an attainment demonstration, reasonably available control measures (RACM) analysis, and motor vehicle emissions budgets (MVEB) for the 2017 attainment year.

## SIP Narrative and Appendices

Files linked from this page are in Portable Document Format (PDF).

### DFW AD SIP Revision (Non-Rule Project No. 2013-015-SIP-NR)

- **Adopted DFW AD SIP Revision**
- Appendices
  - **Appendix A: Meteorological Modeling for the DFW Attainment Demonstration SIP Revision for the 2008 Eight-Hour Ozone Standard**
  - **Appendix B: Emissions Modeling for the DFW Attainment Demonstration SIP Revision for the 2008 Eight-Hour Ozone Standard**
  - **Appendix C: Photochemical Modeling for the DFW Attainment Demonstration SIP Revision for the 2008 Eight-Hour Ozone Standard**
  - **Appendix D: Conceptual Model for the DFW Attainment Demonstration SIP Revision for the 2008 Eight-Hour Ozone Standard**
  - **Appendix E: Modeling Protocol for the Eight-Hour Ozone Modeling of the Dallas-Fort Worth Area**
  - **Appendix F: Reasonably Available Control Technology Analysis**
  - **Appendix G: Reasonably Available Control Measures Analysis**
  - **Appendix H: Local Initiatives Submitted by the North Central Texas Council of Governments**
  - **Appendix I: Technical Supplement to the December 10, 2014 proposal of the Dallas-Fort Worth Attainment Demonstration State Implementation Plan Revision for the 2008 Eight-Hour Ozone Standard Nonattainment Area**

## Associated Rules

The commission adopted the following rule revisions for incorporation into the DFW attainment demonstration SIP revision.

- **Rule Project No. 2013-048-115-AI, Chapter 115 VOC RACT Rule Revisions**
- **Rule Project No. 2013-049-117-AI, Chapter 117 NOX RACT Rule Revisions**