



# SIP Revision: 2008 Eight-Hour Ozone Attainment Demonstration (AD), Dallas-Fort Worth (DFW) for the 2017 Attainment Year, July 6, 2016

On July 7, 2016, the Texas Commission on Environmental Quality (TCEQ) adopted an attainment demonstration (AD) State Implementation Plan (SIP) revision for the 2017 attainment year, 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:** 07/06/2016

**Proposal Date:** 12/09/2015

**EPA Action:** Proposed approval of attainment demonstration, reasonably available control measures (RACM) analysis, contingency measures plan, and motor vehicle emissions budgets (MVEB) on May 3, 2018 ([83 FR 19483](#) [Exit...](#)); Approved vehicle inspection and maintenance and nonattainment new source review requirements on June 14, 2017 ([82 FR 27122](#) [Exit...](#)); Approved VOC reasonably available control technology (RACT) on December 21, 2017 ([82 FR 60546](#) [Exit...](#)); Approved  $\text{NO}_x$  RACT on February 22, 2019 ([84 FR 5601](#) [Exit...](#)).

**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](#) [Exit...](#)) 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 D.C. Circuit Court ruling and finalization of the EPA's *Implementation of the 2008 National Ambient Air Quality Standards for Ozone: State Implementation Plan Requirements; Final Rule* (2008 ozone standard SIP requirements rule, [80 FR 12264](#) [Exit...](#)), effective April 6, 2015, the SIP development schedule did not allow for a full update of the DFW AD SIP revision to address the change in attainment year from 2018 to 2017. [The DFW AD SIP revision that was submitted to the EPA on July 10, 2015](#) was developed based on the EPA's May 21, 2012 implementation rule for the 2008 ozone NAAQS ([77 FR 30088](#)), which set 2018 as the attainment year for areas classified as moderate. That SIP revision included a commitment to develop this DFW AD SIP revision for the 2008 eight-hour ozone nonattainment area to reflect the 2017 attainment year.



### **Key Changes:**

This SIP revision included:

- An attainment demonstration, RACM analysis, and MVEBs for the 2017 attainment year.
- Photochemical modeling and a weight of evidence analysis to demonstrate attainment by July 20, 2018.

### **SIP Narrative**

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

#### **DFW AD SIP Revision (Non-Rule Project No. 2015-014-SIP-NR)**

- **[Adopted DFW 2008 Eight-Hour Ozone AD SIP Revision for the 2017 Attainment Year](#)**
- 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: 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](#)**