



Redesignation Substitute (RS): Dallas-Fort Worth (DFW) Area RS for the One-Hour and 1997 Eight-Hour Ozone National Ambient Air Quality Standards (NAAQS)

The Texas Commission on Environmental Quality (TCEQ) submitted to the United States Environmental Protection Agency (EPA) an RS report for the one-hour and 1997 eight-hour ozone NAAQS for the DFW area. The TCEQ followed the RS report submittal with the adoption of a formal SIP revision should incorporation of the redesignation substitute into the SIP be necessary.

Summary of the RS Report

Submittal Date: 08/18/2015

EPA Action: Proposed approval on 05/25/2016 ([81 FR 33161](#))

Background and Key Elements:

The DFW area monitored attainment of the one-hour ozone NAAQS based on certified 2004 through 2006 data and the 1997 eight-hour ozone NAAQS based on certified 2012 through 2014 data. Although the one-hour and the 1997 eight-hour ozone standards were revoked, the DFW area remained subject to the anti-backsliding requirements in 40 Code of Federal Regulations (CFR) §51.905(a) for these standards.

The DFW RS report was submitted to the EPA to fulfill the EPA's requirements to lift anti-backsliding obligations for the revoked one-hour and the revoked 1997 eight-hour ozone standards by ensuring that specific redesignation requirements are met for the DFW four-county one-hour and nine-county 1997 eight-hour ozone nonattainment areas. The DFW RS report was submitted to the EPA as provided in 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](#)) instead of a redesignation request and maintenance plan, which the Federal Clean Air Act (FCAA) requires to remove anti-backsliding obligations under a standard that has not been revoked.

According to the EPA's 2008 ozone standard SIP requirements rule, the DFW RS Report was based on FCAA, §107(d)(3)(E) redesignation criteria with the exception of certain elements including contingency measures and the commitment to submit a second 10-year maintenance plan. Consistent with the EPA's 2008 ozone standard SIP requirements rule, the DFW RS report included the following elements:

- Monitoring data showing attainment of the revoked one-hour and 1997 eight-hour ozone NAAQS;
- Showing that attainment was due to permanent and enforceable emissions reductions; and
- Demonstration that the areas can maintain the standards over 10 years via emissions inventory trends and future emission projections.

RS Report Narrative

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



DFW One-Hour and 1997 Eight-Hour Ozone RS Report

- Redesignation Substitute Report
- Attachments
 - Attachment A: Projection Factors for Point and Area Sources
 - Attachment B: Characterization of Oil and Gas Production Equipment and Develop a Methodology to Estimate Statewide Emissions
 - Attachment C: Condensate Tank Oil and Gas Activities
 - Attachment D: Specified Oil and Gas Well Activities Emissions Inventory Update
 - Attachment E: Forecasting Oil and Gas Activities
 - Attachment F: Development of DFW On-Road Emission Inventories for the Years 2012, 2014, 2017, 2020, 2023, 2026, and 2028
 - Attachment G: Development of Air Emissions Inventories for NONROAD Model Category Mobile Sources (Task 3)
 - Attachment H: Airport Emissions Inventories for Houston-Galveston-Brazoria and Dallas-Fort Worth Areas for Select Years 2012, 2014, 2017, 2020, 2023, 2026, and 2028
 - Attachment I: Controlled and Uncontrolled Average Summer Weekday Locomotive Inventories for Houston-Galveston-Brazoria and Dallas-Fort Worth Areas for Select Years 2012, 2014, 2017, 2020, 2023, 2026, and 2028
 - Attachment J: Development of Texas Statewide Drilling Rigs Emissions Inventories for the Years 1990, 1993, 1996, and 1999 through 2040

Summary of the RS SIP Revision

Adoption Date: 04/27/2016

Proposal Date: 09/23/2015

Status: Adopted by the Commission

Background and Key Elements:

On April 27, 2016, the commission adopted the DFW Area Redesignation Substitute SIP Revision for the One-Hour and 1997 Eight-Hour Ozone NAAQS (Non-Rule Project No. 2015-002-SIP-NR). Although the EPA's 2008 ozone standard SIP requirements rule indicated that public notice and comment are not required, the commission adopted a SIP revision should submittals to the EPA become necessary. The SIP revision formally documents the anti-backsliding obligations for the revoked one-hour and the revoked 1997 eight-hour ozone standards and contains the same key elements as included in the report previously submitted to the EPA.

RS SIP Narrative

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DFW One-Hour and 1997 Eight-Hour Ozone RS SIP Revision

- Redesignation Substitute SIP Revision
- Appendices
 - Appendix A: Projection Factors for Point and Area Sources
 - Appendix B: Characterization of Oil and Gas Production Equipment and Develop a Methodology to Estimate Statewide Emissions
 - Appendix C: Condensate Tank Oil and Gas Activities



Texas State Implementation Plan

- Appendix D: Specified Oil and Gas Well Activities Emissions Inventory Update
- Appendix E: Forecasting Oil and Gas Activities
- Appendix F: Development of DFW On-Road Emission Inventories For the Years 2012, 2014, 2017, 2020, 2023, 2026, and 2028
- Appendix G: Development of Air Emissions Inventories for Non-Road Model Category Mobile Sources (Task 3)
- Appendix H: Airport Emissions Inventories for the Houston-Galveston-Brazoria and Dallas-Fort Worth Areas for Select Years 2012, 2014, 2017, 2020, 2023, 2026, and 2028
- Appendix I: Controlled and Uncontrolled Average Summer Weekday Locomotive Inventories for Houston-Galveston-Brazoria and Dallas-Fort Worth Areas for Select Years 2012, 2014, 2017, 2020, 2023, 2026, and 2028
- Appendix J: Development of Texas Stateside Drilling Rigs Emission Inventories for the Years 1990, 1993, 1996, and 1999 through 2040