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SIP Revision: Dallas-Fort Worth (DFW) and Houston-Galveston-Brazoria (HGB), Serious Classification Reasonable Further Progress (RFP), March 4, 2020

On March 4, 2020, the Texas Commission on Environmental Quality (TCEQ) adopted an RFP State Implementation Plan (SIP) revision for both the DFW and HGB moderate nonattainment areas under the 2008 eight-hour ozone National Ambient Air Quality Standard (NAAQS).

Summary of the SIP Revision

Adoption Date: 03/04/2020

Proposal Date: 09/11/2019

EPA Approval Date: On May 10, 2021, the EPA published partial final approval of the serious classification RFP SIP revision for the HGB nonattainment area including the RFP demonstration, associated motor vehicle emission budgets (MVEB), and revised 2011 base year emissions inventory (EI) for the HGB area ([86 FR 24717](#)).

Background: The DFW 2008 eight-hour ozone serious nonattainment area, consisting of Collin, Dallas, Denton, Ellis, Johnson, Kaufman, Parker, Rockwall, Tarrant, and Wise Counties, along with the HGB 2008 eight-hour ozone serious nonattainment area, consisting of Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, and Waller Counties, were previously classified as moderate nonattainment for the 2008 eight-hour ozone NAAQS of 0.075 parts per million with a July 20, 2018 attainment date. Based on monitoring data from 2015, 2016, and 2017, neither the DFW area nor the HGB area attained the 2008 eight-hour ozone NAAQS in 2017, and neither qualified for a one-year attainment date extension in accordance with federal Clean Air Act (FCAA), §181(a)(5). On August 23, 2019, the United States Environmental Protection Agency (EPA) published the final notice reclassifying the DFW and HGB nonattainment area from moderate to serious for the 2008 eight-hour ozone NAAQS, effective on September 23, 2019 ([84 FR 44238](#)).

Since the DFW and HGB areas have been reclassified by the EPA, they are now subject to the serious nonattainment area requirements in FCAA, §182(c) and the TCEQ is required to submit serious classification attainment demonstration and RFP SIP revisions to the EPA. As indicated in the EPA's *Implementation of the 2008 National Ambient Air Quality Standards for Ozone: State Implementation Plan Requirements; Final Rule* (2008 eight-hour ozone standard SIP requirements rule) published on March 6, 2015, the attainment date for a serious classification is July 20, 2021 with a 2020 attainment year ([80 FR 12264](#)).

Key Changes:

This SIP revision included:

- An RFP analysis for the 2020 attainment year;



- MVEBs for the 2020 attainment year; and
- A contingency plan.

SIP Narrative and Appendices

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

Adopted DFW and HGB Serious Classification RFP SIP Revision for the 2008 Eight-Hour Ozone NAAQS (Non-Rule Project No. 2019-079-SIP-NR)

- Adopted **DFW and HGB Serious Classification RFP SIP Revision**
- Adopted Appendices
 - **Appendix 1: DFW Reasonable Further Progress Demonstration Spreadsheet**
 - **Appendix 2: HGB Reasonable Further Progress Demonstration Spreadsheet**
 - **Appendix 3: Development of Reasonable Further Progress Point Source Emissions Inventories for DFW and HGB Nonattainment Areas**
 - **Appendix 4: Growth Factors for Point and Area Sources**
 - **Appendix 5: Characterization of Oil and Gas Production Equipment and Develop a Methodology to Estimate Statewide Emissions and Specified Oil and Gas Well Activities Emissions Inventory Update**
 - **Appendix 6: Condensate Tank Oil and Gas Activities**
 - **Appendix 7: Specified Oil and Gas Well Activities Emissions Inventory Update**
 - **Appendix 8: 2014 Texas Statewide Drilling Rig Emissions Inventory with Updated Trend Inventories**
 - **Appendix 9: 2014 Texas Statewide Commercial Marine Vessel Emissions Inventory and 2008 through 2040 Trend Inventories**
 - **Appendix 10: 2014 Texas Statewide Locomotive Emissions Inventory and 2008 through 2040 Trend Inventories**
 - **Appendix 11: Development of the Statewide Aircraft Inventory for 2011**
 - **Appendix 12: Development of the Statewide Aircraft Inventory for 2020**
 - **Appendix 13: Dallas-Fort Worth MOVES2014a-Based Reasonable Further Progress On-road Inventories and Control Strategy Reductions for 2011, 2017, 2018, 2020, and 2021**
 - **Appendix 14: Production of HGB Reasonable Further Progress On-Road Mobile Emissions Inventories**