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SIP Revision: Bexar County, 2015 Eight-Hour Ozone Nonattainment Area Federal Clean Air Act (FCAA), §179B Demonstration, July 1, 2020

On July 1, 2020, the Texas Commission on Environmental Quality (TCEQ) adopted the FCAA, §179B Demonstration State Implementation Plan (SIP) Revision for the Bexar County 2015 Eight-Hour Ozone National Ambient Air Quality Standards (NAAQS) Nonattainment Area

Summary of the SIP Revision

Adoption Date: 07/01/2020

Proposal Date: 01/15/2020

EPA Disapproval Date: 10/07/2022 ([87 Federal Register \(FR\) 60897](#))

Background: On October 1, 2015, the U.S. Environmental Protection Agency (EPA) revised the primary and secondary NAAQS for ozone to an eight-hour standard of 0.070 parts per million. Effective September 24, 2018, EPA designated Bexar County as marginal nonattainment for the 2015 eight-hour ozone NAAQS with a September 24, 2021 attainment deadline ([83 FR 35136](#)). Attainment of the ozone NAAQS is determined using three full years of monitoring data, and attainment of the 2015 eight-hour ozone standard for marginal nonattainment areas will be determined using monitoring data from 2018, 2019 and 2020. Because attainment of the NAAQS in some areas may be influenced by emissions sources located outside of U.S., states have the authority under FCAA, §179B to seek regulatory relief by submitting to the EPA an analysis of the influence of international emissions in areas designated as nonattainment. Under FCAA, §179B, the EPA can approve attainment plans for areas that demonstrate attainment of the relevant NAAQS by the statutory attainment date "but for" emissions emanating from outside the U.S. For ozone nonattainment areas, if the EPA approved such a demonstration, the area would not be subject to certain nonattainment area requirements, including the mandatory reclassification provisions for areas that fail to attain an ozone NAAQS by the applicable attainment date. EPA approval of this FCAA, §179B demonstration for the Bexar County 2015 eight-hour ozone nonattainment area could prevent the area from being reclassified to moderate nonattainment should the area fail to monitor attainment of the NAAQS by the end of 2020. Marginal ozone nonattainment area requirements would continue to apply until the area is formally redesignated to attainment.

Key Changes: This SIP revision demonstrated that the Bexar County marginal ozone nonattainment area would attain the 2015 eight-hour ozone NAAQS by its attainment deadline "but for" anthropogenic emissions emanating from outside the U.S.

SIP Narrative and Appendices

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



Adopted FCAA, §179B Demonstration SIP Revision for the Bexar County 2015 Eight-Hour Ozone NAAQS Nonattainment Area (Non-Rule Project No. 2019-106-SIP-NR)

- Adopted **FCAA, §179B Demonstration SIP Revision for the Bexar County 2015 Eight-Hour Ozone NAAQS Nonattainment Area**
- Adopted Appendices
 - **Appendix A: Meteorological Modeling of Central and Eastern Texas**
 - **Appendix B: Emissions Modeling**
 - **Appendix C: Regional and Global Photochemical Model Performance Evaluation**
 - **Appendix D: Photochemical Modeling Protocol**
 - **Appendix E: Conceptual Model for the Bexar County Nonattainment Area for the 2015 Eight-Hour Ozone National Ambient Air Quality Standard**