



Update on Planning Activities for the Bexar County Ozone Nonattainment Area

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2015 Eight-Hour Ozone Standard

- 70 parts per billion (ppb)
- Bexar County: marginal nonattainment
 - Designation became effective on September 24, 2018.
 - September 24, 2021 is the attainment date and 2020 was the attainment year.



2015 Eight-Hour Ozone Standard

- Emissions inventory (EI) State Implementation Plan (SIP) revision
 - Base year inventory was developed for 2017.
 - The revision was adopted in June 2020.
- Bexar County Federal Clean Air Act, §179B SIP revision
 - Demonstrates that the area would attain but for international emissions.
 - The revision was adopted on July 1, 2020.
 - No action has been taken by the Environmental Protection Agency.



San Antonio 4th High Values

2016 4th high	2017 4th high	2018 4th high	2018 Design Value
71	73	72	72

2017 4th high	2018 4th high	2019 4th high	2019 Design Value
73	72	75	73

2018 4th high	2019 4th high	2020 4th high	2020 Design Value
73	69	74	72

All readings are in ppb.



What's Next for Marginal Nonattainment Areas?

- Bexar County did not attain by the end of 2020.
 - The area is not eligible for a one-year attainment date extension based on the 2020 4th high exceeding 70 ppb.
- Reclassification to moderate:
 - Reclassification for Bexar County is anticipated in early 2022;
 - Attainment Demonstration (AD) and Reasonable Further Progress SIP revisions are due one year later;
 - A vehicle inspection/maintenance program for Bexar County would be required once moderate; and
 - The area will be required to attain the standard by September 24, 2024 with a 2023 attainment year.

SIP Requirements for Ozone Nonattainment Areas

MARGINAL

(3 Years)

MODERATE

(6 Years)

SERIOUS

(9 Years)

SEVERE

(15-17 Years)

EXTREME

(20 Years)

MODERATE

- Nonattainment New Source Review Permitting
 - 100 Tons Per Year Threshold
 - 1.15:1 Offset Ratio
- Attainment Demonstration SIP Revision
 - Photochemical Modeling
 - Reasonably Available Control Technology
 - Reasonably Available Control Measures
- Reasonable Further Progress
 - 15% Reduction in Volatile Organic Compound (VOC) emissions within first six years
- Vehicle Inspection and Maintenance

NSR Offset Ratios

Nonattainment requirements compound as classification increases.



Potential New SIP Emissions Year

- AD SIP revision would change the SIP emissions year for emissions reduction credit generation projects.

Bexar County Emissions Sources	Current SIP Emissions Year	New SIP Emissions Year
All point sources	2017	2019

- TCEQ notified point sources earlier this year via gov delivery and the point source EI webpage.
 - TCEQ allowed 90 days for point sources to revise reported 2019 emissions for potential inclusion in AD SIP.
- For more information, please contact Jill Dickey-Hull at jill.dickey@tceq.texas.gov.



Questions?

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