



Update on Planning Activities for the Dallas-Fort Worth (DFW) Ozone Nonattainment Area

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2008 Eight-Hour Ozone NAAQS

- 75 parts per billion (ppb)
- DFW area: serious nonattainment
 - Classification became effective on September 23, 2019.
 - Attainment date is July 20, 2021, and 2020 was the attainment year.
- Attainment Demonstration (AD) and Reasonable Further Progress (RFP) SIP revisions
 - Both were adopted on March 4, 2020.
 - Rules to lower the major source emissions threshold for applicable counties and make other technical changes associated with the serious classification were also adopted.



DFW 4th High Values

2016 4th high	2017 4th high	2018 4th high	2018 Design Value
75	73	82	76

2017 4th high	2018 4th high	2019 4th high	2019 Design Value
77	81	73	77

2018 4th high	2019 4th high	2020 4th high	2020 Design Value
82	71	77	76*

*Will become 75 ppb if EPA concurs with exceptional events.

All readings are in ppb.

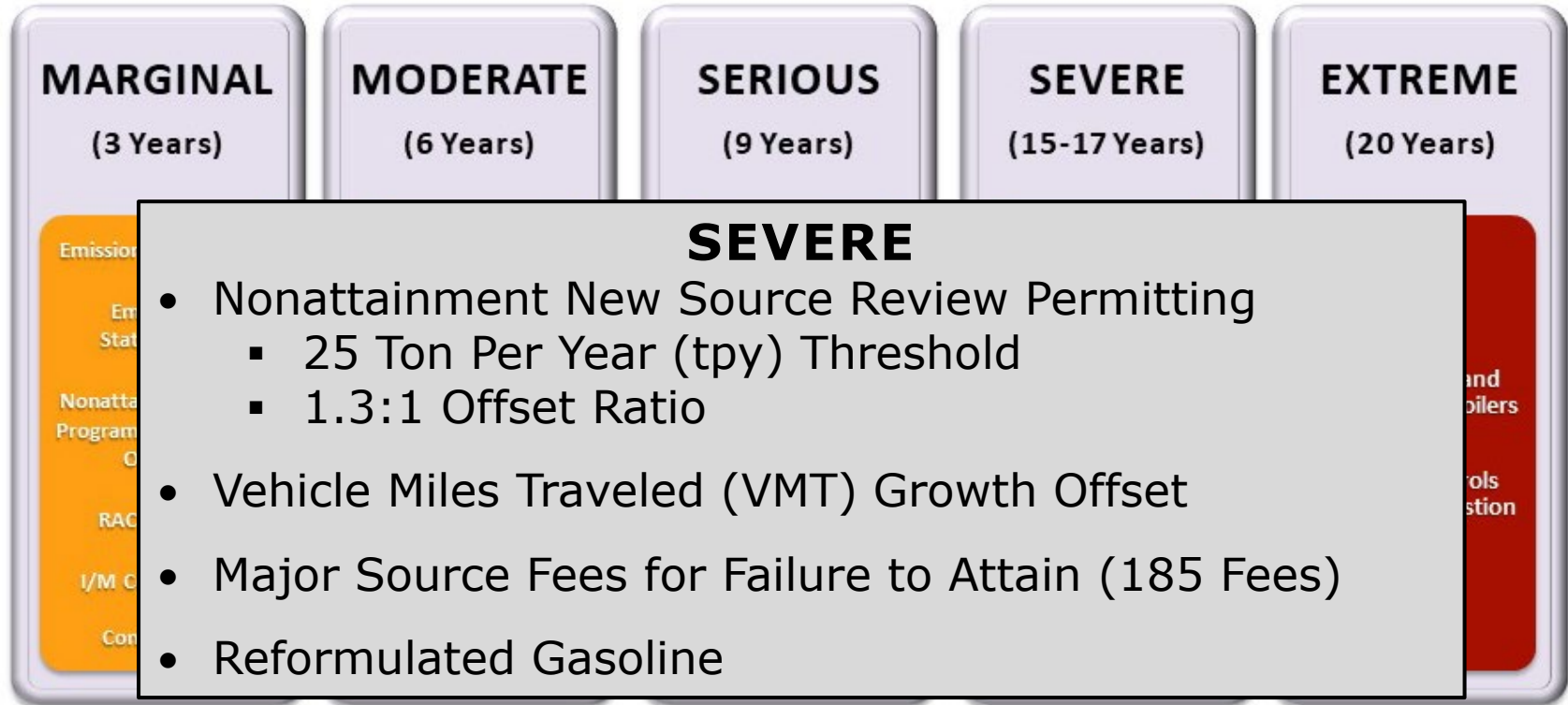


What's Next for the 2008 Eight-Hour Ozone Serious Nonattainment Area?

- The DFW area did not attain by the end of 2020.
 - An exceptional events demonstration and clean data determination request was submitted to EPA on May 25, 2021.
 - EPA concurrence with any one of the three event days would bring the area into attainment.
- If reclassified to severe:
 - Reclassification for DFW is anticipated in early 2022;
 - AD and RFP SIP revisions are potentially due one year after reclassification; and
 - Areas reclassified to severe will be required to attain the standard by July 20, 2027, with a 2026 attainment year.



SIP Requirements for Ozone Nonattainment Areas





2015 Eight-Hour Ozone Standard

- 70 ppb
- DFW area: marginal nonattainment
 - Designation became effective on August 3, 2018.
 - Attainment date is August 3, 2021, and 2020 was the attainment year.
- Emissions inventory (EI) SIP revision
 - Base year inventory was developed for 2017.
 - The revision was adopted in June 2020.



What's Next for the 2015 Eight-Hour Ozone Marginal Nonattainment Area?

- The DFW area 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 DFW is anticipated in early 2022;
 - AD and RFP SIP revisions are due one year later; and
 - Areas reclassified to moderate will be required to attain the standard by August 3, 2024, with a 2023 attainment year.



SIP Requirements for Ozone Nonattainment Areas

MODERATE

- Nonattainment New Source Review Permitting
 - Requirements under most stringent classification would apply (severe)
- Attainment Demonstration SIP Revision
 - Photochemical Modeling
 - Reasonably Available Control Technology
 - Reasonably Available Control Measures
- Reasonable Further Progress
 - 15% Reduction in Volatile Organic Compound (VOC) and/or Nitrogen Oxides (NO_x) emissions within first six years
 - VOC-only requirement addressed under previous standards
- Vehicle Inspection and Maintenance
 - Already in place

NSR Offset Ratios



Potential New SIP Emissions Year

- Potential AD SIP revisions would change the SIP emissions year for credit generation projects.

DFW Emissions Sources	Current SIP Emissions Year	New SIP Emissions Year
Electric Generating Units	2018	2019
All other Point Sources	2016	2019

- To ensure necessary changes are accounted for in new AD SIP modeling, revisions to previously submitted 2019 point source EIs must be postmarked by July 9, 2021.
- For more information, please contact Jill Dickey-Hull at jill.dickey@tceq.texas.gov.



SIP Contact Information

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