



San Antonio Area Update 2015 Ozone NAAQS

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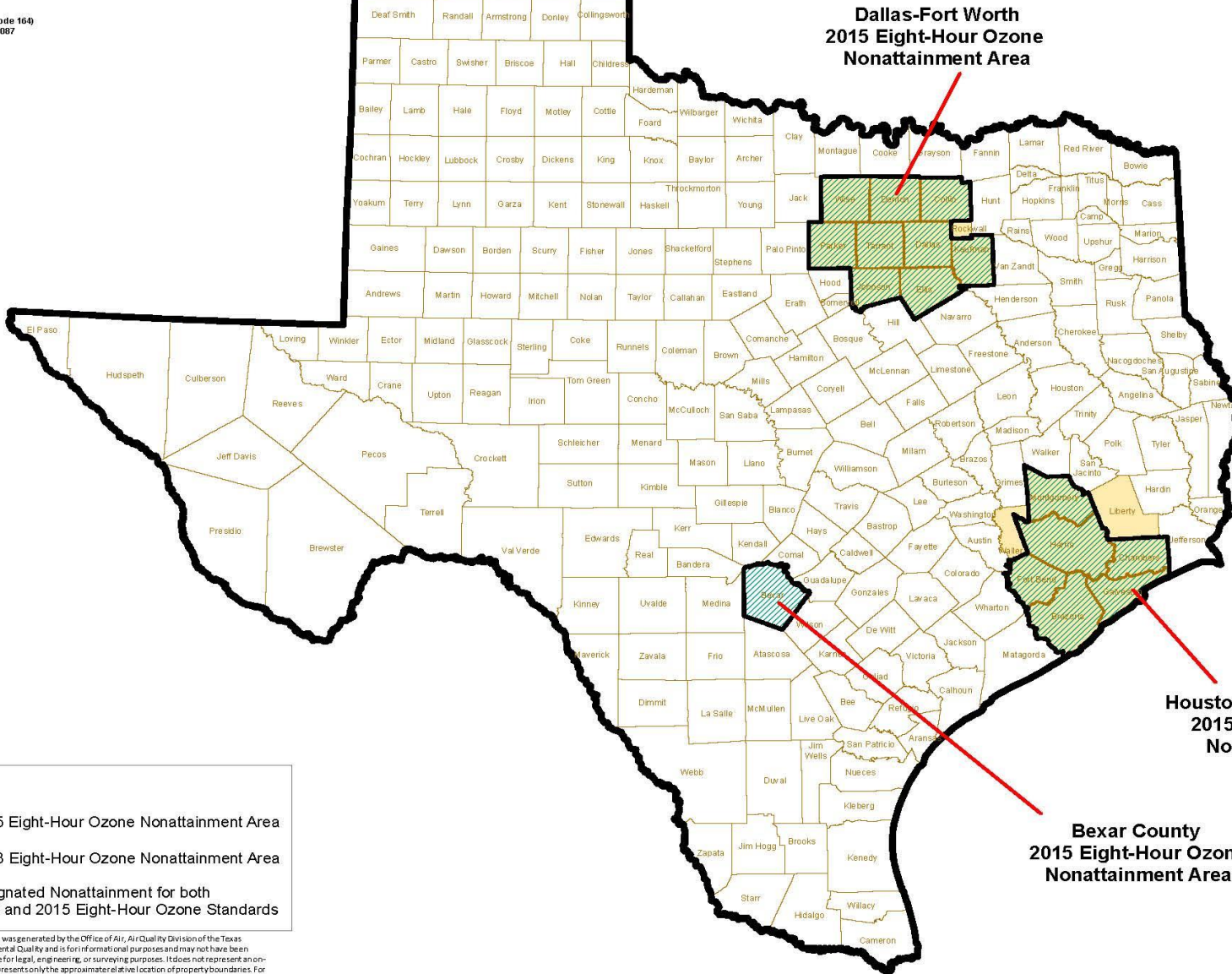
2015 Eight-Hour Ozone NAAQS

- On July 25, 2018, the EPA published air quality designations for the San Antonio area regarding the 2015 Ozone National Ambient Air Quality Standard (NAAQS).
- Based on air monitoring data from 2015-2017, Bexar County was designated as nonattainment with a classification of marginal.
- All other counties in the Core Based Statistical Area were classified as attainment/unclassifiable.



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Texas Ozone Nonattainment Areas



**Dallas-Fort Worth
 2015 Eight-Hour Ozone
 Nonattainment Area**

**Houston-Galveston-Brazoria
 2015 Eight-Hour Ozone
 Nonattainment Area**

**Bexar County
 2015 Eight-Hour Ozone
 Nonattainment Area**

Legend

- 2015 Eight-Hour Ozone Nonattainment Area
- 2008 Eight-Hour Ozone Nonattainment Area
- Designated Nonattainment for both 2008 and 2015 Eight-Hour Ozone Standards

TCEQ Disclaimer: This map was generated by the Office of Air, Air Quality Division of the Texas Commission on Environmental Quality and is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries. For information concerning this map, contact the Air Quality Division at (512) 239-1459.



San Antonio 4th High Values

Monitoring data indicate a 2017 Design Value of 74 ppb, which is a classification of marginal nonattainment.

2015 4th high (ppb)	2016 4th high	2017 4th high	2017 Design Value
79	71	73	74

2016 4th high (ppb)	2017 4th high	2018 4th high	Current 3-Year Average *
71	73	73	72

*** preliminary**



Classification Ranges

Classification Thresholds

Based on Percent-Above-Standard Approach

0.070 parts per million (ppm)

Marginal	0.071 up to 0.081 ppm
Moderate	0.081 up to 0.093 ppm
Serious	0.093 up to 0.105 ppm
Severe – 15	0.105 up to 0.111 ppm
Severe – 17	0.111 up to 0.163 ppm
Extreme	0.163 ppm or more



Attainment Deadlines

Based on Section 181(a)(1) of the Federal Clean Air Act:
(Maximum attainment dates based on effective date of designation)

Marginal	2021
Moderate	2024
Serious	2027
Severe	2033 or 2035
Extreme	2038



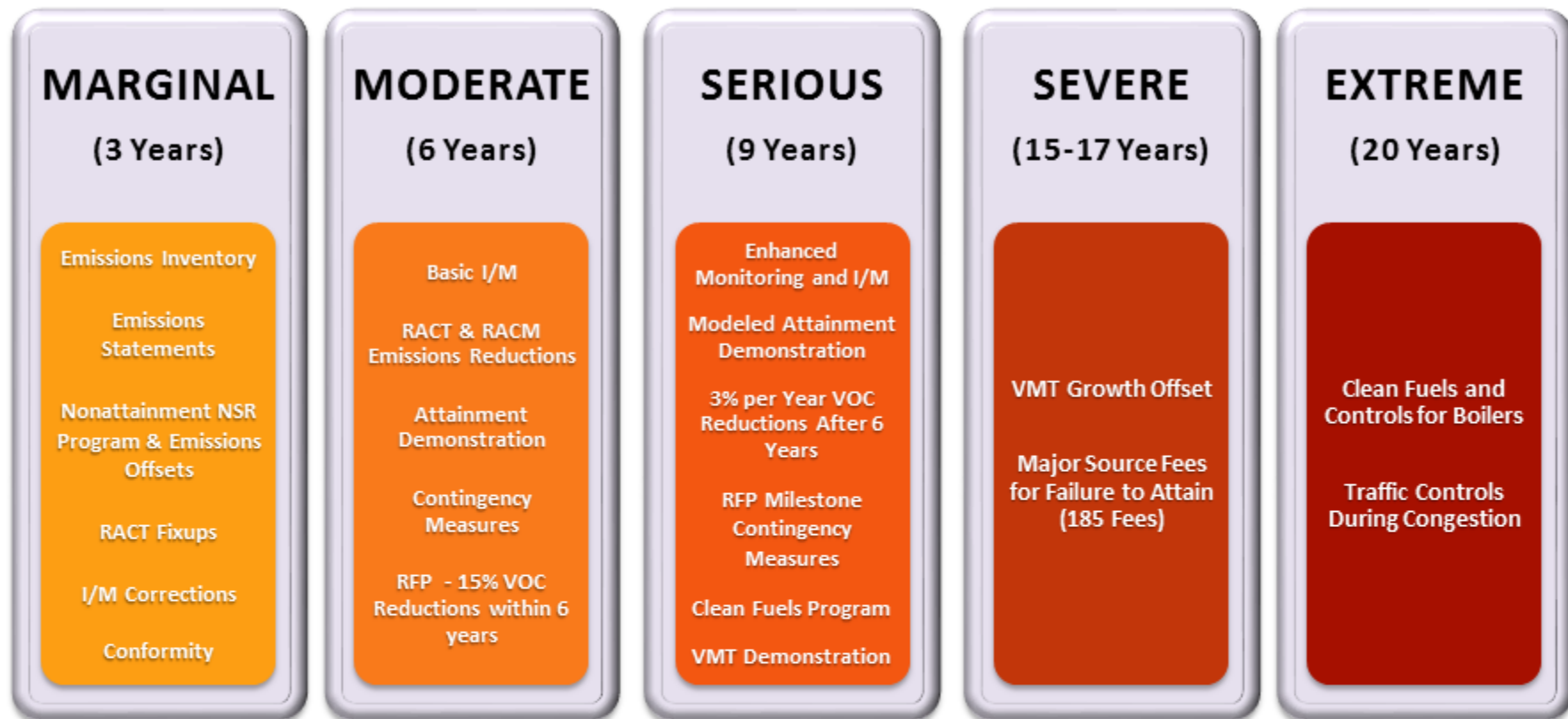


Timeline

October 2015	New Primary Ozone Standard: 70 ppb; Secondary standard same as primary
2018	EPA to finalize implementation rule (?)
September 24, 2018	Effective date of Bexar County nonattainment designation
September 24, 2019	Transportation Conformity: deadline for approval
September 24, 2020	Emissions Inventory SIP due
2020	Attainment year
September 24, 2021	Attainment date (no later than)

(Note: CAA requirement for two 10-year maintenance plans)

SIP Requirements for Ozone Nonattainment Areas



Nonattainment requirements compound as classification increases.



Emissions Inventory SIP Revision

- Required for all nonattainment areas, regardless of classification
- Inventory of actual emissions from all source categories for tracking progress in emissions reductions
- Establishes a Base Year Inventory for the nonattainment area
- Due two years after the effective date of a nonattainment designation
- All stationary sources above the threshold required to submit certified emissions annually (Emissions Statements)



Nonattainment New Source Review & Emission Offsets

- Air permitting for the construction of new major sources or major modifications to existing sources
 - Major source \geq 100 tons per year for Marginal
 - Major modification \geq 40 tons per year for Marginal
- Nonattainment NSR permits require offsets
 - Emission reductions from existing source used to mitigate impact of the new or modified source
 - Offset ratio = 1.1:1 for Marginal
- TCEQ Emission Banking and Trading allows companies to generate, trade, and use emission credits to meet offset requirement



Outreach Request

- TCEQ would like to reach out to San Antonio area stakeholders.
- With the help of San Antonio partners, TCEQ will develop a list of companies that would be impacted/affected.
- Goal would be to plan meetings with interested entities, including industry representatives concerning issues related to permitting/emissions offsets.



Contact Information

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