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# SIP Revision: Central and East Texas, Regional Ozone Strategy, April 19, 2000

On April 19, 2000, the commission adopted a State Implementation Plan (SIP) revision containing a regional ozone strategy for the Central and East Texas region.

## Summary of the SIP Revision

**Adoption Date:** 04/19/2000

**EPA Approval Date:** 10/26/2000 ([65 FR 64148](#))

**Background:** The Coastal Oxidant Assessment for Southeast Texas (COAST) study conducted in the 1990s showed the need for regional controls to bring the Dallas-Fort Worth (DFW), Houston-Galveston-Brazoria (HGB), and Beaumont-Port Arthur (BPA) areas into attainment and to prevent near-nonattainment areas such as Austin, San Antonio, and Northeast Texas from falling into nonattainment. This SIP included a package of regional controls designed to reduce emissions of nitrogen oxides (NO<sub>x</sub>) and volatile organic carbons (VOC) throughout the region.

### Key Changes:

This SIP revision included:

- support of the National Low Emission Vehicle (NLEV) Program;
- Stage I vapor recovery for larger gas stations;
- cleaner burning gasoline;
- the Clean Air Responsibility Enterprise (CARE) program, which created a permit program for grandfathered facilities;
- agreed orders with Alcoa and Texas Eastman reducing emissions from their plants in East Texas; and
- NO<sub>x</sub> reductions from cement kilns, electric generating power boilers, and gas turbines in eastern and central Texas.

## SIP Narrative and Appendices

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

### Adopted Regional Ozone Strategy SIP Revision (Project No. 1999-056-SIP-AI)

- Adopted [Regional Ozone Strategy SIP Revision Narrative](#)
- [Response to Comments](#)
- Adopted Appendices
  - Appendix A: Baylor Aircraft Graphs
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- **Appendix D: Alcoa, Inc. Agreed Order 2000-0032-AIR**
- **Appendix E: Supporting Calculations for Agreed Order 2000-0032-AIR**
- **Appendix F: TCEQ Memo, "Regional Modeling Results for Texas Clean Gas," 6/22/99**
- **Appendix G: TCEQ Memo, "Regional Modeling Results for Point Sources," 9/1/99**
- **Appendix H: TCEQ Memo, "Regional Modeling Results for Point Sources," 11/12/99**
- **Appendix I: TCEQ Analysis in Texas of Results from the Seasonal Modeling for Regional Air Quality (SMRAQ), 4/5/00**
- **Appendix J: Regional Modeling Results document**
- **Appendix K: Draft AWMA Paper, Evaluation of Modeled Impact of Texas Clean Gasoline**
- **Appendix L: TCEQ Memo, Results of Zero-Out Modeling for 1993, 1995, and 1996 Ozone Regional Episodes, 1/18/00**
- **Appendix M: Memo, Results for Regional Modeling with 1993, 1995, and 1996 episodes, 2/23/00**