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SIP Revision: Dallas and Tarrant Counties, Post-1982 Ozone Control Strategies, December 18, 1987

On December 18, 1987, the Texas Air Control Board (TACB) adopted an Ozone Attainment Demonstration (AD) State Implementation Plan (SIP) revision for Dallas and Tarrant Counties.

Summary of the SIP Revision

Adoption Date: 12/18/1987

EPA Action: Partial Approval on 02/09/1989 ([54 FR 6286](#))

Background: On July 14, 1987, the United States Environmental Protection Agency (EPA) published proposed disapproval and potential sanctions in Dallas and Tarrant Counties for failure to submit an adequate ozone AD for the area ([52 FR 26421](#)). The TACB adopted this SIP revision to demonstrate attainment of the ozone standard in these counties by December 31, 1991.

Key Changes: The SIP revision included new emissions inventory (EI) data, analysis of the role of nitrogen oxides (NO_x) on ozone formation in these areas, new controls, and quantification of emissions reductions from the new state and federal measures. New state measures included:

- Controls on degreasing operations;
- Carbon adsorption systems to reduce volatile organic compounds (VOC) emissions from dry cleaners;
- Limitations on VOC content in surface coating operations;
- Gasoline tank-truck leak inspection;
- Vapor recovery for bulk gasoline terminals;
- Limits on cutback asphalt;
- New procedures for controlling VOC emissions from certain process vents;
- Limits on VOC content in consumer-solvent products;
- Idle tailpipe testing for the Dallas inspection and maintenance (I/M) program;
- A vehicle parameter I/M program for Collin, Denton, Ellis, Johnson, Kaufman, Parker, and Rockwall Counties; and
- Other transportation control measures.

The SIP also accounted for the federal Reid Vapor Pressure Program proposed on July 14, 1987. The SIP included a modeled demonstration that the area would attain the ozone standard by the December 31, 1991 deadline and projected reasonable further progress (RFP) for the 1983-1991 time period. The SIP also contained a contingency measure to adopt a gasoline volatility program by May 16, 1989, if the EPA failed to take final action on the proposed national program.



SIP Narrative and Appendices

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Dallas and Tarrant County Ozone AD SIP Revision

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