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# SIP Revision: El Paso, PM<sub>10</sub> Attainment Demonstration, November 1991

In November 1991, the Texas Air Control Board (TACB) adopted an Attainment Demonstration (AD) State Implementation Plan (SIP) revision for the El Paso particulate matter of 10 microns or less (PM<sub>10</sub>) moderate nonattainment area.

## Summary of the SIP Revision

**Adoption Date:** 11/05/1991

**EPA Approval Date:** 01/18/1994 (59 FR 02532)

**Background:** For any area designated nonattainment for the particulate matter (PM) National Ambient Air Quality Standard (NAAQS) prior to the 1990 Federal Clean Air Act (FCAA) amendments and classified as moderate after the 1990 FCAA amendments, states were required to submit plans that could demonstrate attainment of the PM NAAQS by December 31, 1994. In November 1991, the TACB adopted a PM<sub>10</sub> attainment demonstration for El Paso.

**Key Changes:** This SIP revision included air quality and meteorological analyses, including data from a special December 1990 study that demonstrated the international scope of the air quality problem in El Paso. Under Section 179B of the FCAA, areas affected by international emissions do not have to meet a statutory attainment deadline if the state can demonstrate that it would attain the standard but for emissions emanating from outside the United States (U.S.) Modeling of U.S. emissions indicated that the El Paso nonattainment area would have attained the PM<sub>10</sub> NAAQS in 1991, and maintained it by the December 31, 1994 attainment deadline, if not for emissions transported from Mexico. Although the area modeled attainment with U.S. emissions only, fugitive dust control measures were adopted to minimize impacts from U.S. sources.

The SIP revision included an emissions inventory and PM control measures in 30 TAC §111.147 that required paving as a method of dust control in the El Paso area for specified roads and added a requirement that alleys be paved at a rate of 15 miles per year. Frequencies for street sweeping were also set. On November 5, 1991 a memorandum of understanding (MOU) between the City of El Paso and the TACB was signed to outline the responsibilities and regulatory requirements of both parties.

## SIP Narrative and Appendices

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

### El Paso PM<sub>10</sub> Attainment Demonstration SIP Revision

- [Adopted El Paso PM10 AD SIP Revision](#)
- Appendices
  - Appendix A – G (No Change)
  - [Appendix H: Meteorological Conditions Associated with High PM10 Concentrations in El Paso](#)



- **Appendix I: Air Quality and Meteorological Analyses for the December 1990 Special Study in the El Paso–Juarez Air Basin**
- **Appendix J: Results of Annular Denuder Sampling During the December 1990 El Paso Special Study**
- **Appendix K: Area Sources**
- **Appendix L: On-Road Mobile Sources**
- **Appendix M: Replacement Values for Missing Meteorological Data**
- **Appendix N: Evaluation of Available Fugitive Dust Control Measures**
- **Appendix O: Evaluation of Available Control Measures for Residential Wood Combustion Devices**
- **Appendix P: Evaluation of Reasonable Available Control Technology / Reasonably Available Control Measures**
- **Appendix Q: Memorandum of Understanding with the City of El Paso**
  - **2001 Addendum: New Memorandum of Agreement with the City of El Paso**