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SIP Revision: Control of Lead Air Pollution, March 21, 1980

On March 21, 1980, the Texas Air Control Board (TACB) adopted a State Implementation Plan (SIP) revision to address the addition of lead to the list of criteria air pollutants and the United States Environmental Protection Agency's (EPA) promulgation of the lead National Ambient Air Quality Standard (NAAQS).

Summary of the SIP Revision

Adoption Date: 03/21/1980

EPA Approval Dates: Approved on 10/04/1983 ([48 FR 45246](#)) (except for Dallas-Fort Worth [DFW] and El Paso); El Paso was approved on 08/13/1984 ([49 FR 32184](#)); revisions were made to the DFW lead SIP and submitted February 17, 1984; they were approved on 08/15/1984 ([49 FR 32577](#)).

Background and Key Changes: On October 5, 1978, the EPA promulgated a lead NAAQS of 1.5 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$). Each state was required to develop SIP revisions to demonstrate attainment of the lead standard. At the time the TACB adopted the SIP revision, only one air data sampler recorded lead levels in excess of the NAAQS. The SIP revision demonstrated attainment of the lead NAAQS in El Paso by relying on controls from the Federal Motor Vehicle Control Program and by the federal plan to reduce lead in gasoline.

The plan also called for owners/operators of large industrial sources of lead emissions, which the TACB determined had the potential to cause lead NAAQS exceedances, to either adopt a control strategy or install and operate monitors to measure ambient lead concentrations around their sites if no air quality monitor was currently in place. If the monitors indicated NAAQS exceedances, owners/operators of these sources were required to submit control plans for these sources that would achieve sufficient emission reductions to attain the standard. These plans would be codified and made enforceable through a TACB order. There were four such sites throughout the state. The plan also called for locating air quality monitors for measuring representative lead concentrations in Houston and Dallas. The attainment deadline for the lead standard was November 5, 1982, or, if the 1982 date was not feasible for a source, the deadline would be extended to November 5, 1984. Additional information regarding the revision was submitted in letters in January, March, June, August, October, and December 1982. Changes were made to the DFW-area lead SIP and submitted April 6, 1984 and July 16, 1984.

SIP Narrative and Appendices

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1980 Texas Lead SIP Revision

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