Executive Summary

As a result of the federal Clean Air Act Amendments (CAAA) of 1990, Lafayette Parish was designated nonattainment with a classification of "unclassifiable-transitional" for the 1-hour ozone National Ambient Air Quality Standard (NAAQS) of 0.12 parts per million (ppm). Following the collection of the required ambient monitoring data in Lafayette Parish, an ozone maintenance plan was developed in accordance with section 175A of the CAAA and a redesignation request was submitted to the Environmental Protection Agency (EPA). On August 18, 1995, EPA redesignated Lafayette Parish as attainment with the 1-hour ozone standard and approved the ozone maintenance plan (60 FR 43020). The effective date of the approval of the Lafayette Parish section 175A ozone maintenance plan was October 17, 1995.

On April 15, 2004, EPA designated and classified areas for the 8-hour ozone NAAQS of 0.08 ppm (69 FR 23858, April 30, 2004). For most areas these designations became effective June 15, 2004. EPA designated Lafayette Parish as attainment/unclassifiable for the 8-hour ozone standard effective June 15, 2004.

The EPA's Phase I Implementation Rule for the 8-hour ozone standard requires the submittal of a maintenance plan for certain areas designated attainment/unclassifiable for the 8-hour ozone NAAQS (69 FR 23951, April 30, 2004). Section 110(a)(1) of the CAAA requires that each state adopt and submit to EPA a plan which provides for implementation, maintenance and enforcement of the primary pollutant standard following the promulgation of a NAAQS for any air pollutant. In accordance with 40 CFR 51.905 (a)(3) and (4), States must submit Section 110(a)(1) maintenance plans no later than three (3) years after the effective date of the area's 8-hour ozone NAAQS designation. The Section 110(a)(1) 8-hour ozone maintenance plan for Lafayette Parish must be submitted no later than June 15, 2007.

On May 20, 2005, EPA issued "*Maintenance Plan Guidance Document for Certain 8-hour Ozone Areas Under Section 110(a)(1) of the Clean Air Act*". The guidance specifies that states include the following components in the maintenance plan:

- Attainment inventory;
- Maintenance demonstration;
- Ambient air quality monitoring;
- Verification of continued attainment; and
- Contingency plan.

With the submittal of this ozone maintenance plan for Lafayette Parish which is a revision to the Louisiana State Implementation Plan (SIP), the state is fulfilling the requirements of 40 CFR 51.905 under the 8-hour ozone standard.