BOBBY JINDAL
GOVERNOR

PEGGY M. HATCH
SECRETARY

State of Louisiana

DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF THE SECRETARY

Dr. Al Armendariz, Administrator
US EPA Region 6 (6-RA)
1445 Ross Avenue, Suite 1200
Dallas, TX 75202-2733

RE: State of Louisiana
2008 Lead (Pb) National Ambient Air Quality Standards revision
State Implementation Plan Infrastructure Checklist

Dear Dr. Armendariz:

In accordance with Section 110(a)(1) and (2) of the Clean Air Act Amendments of 1990, the state of Louisiana is pleased to provide the State Implementation Plan (SIP) Infrastructure Checklist for the 2008 Pb National Ambient Air Quality Standards (NAAQS).

This submittal substantiates that the State has adequate provisions to prohibit air pollutant emissions from within the State that:

1.) Significantly contribute to nonattainment of the NAAQS;
2.) Interfere with maintenance of the NAAQS;
3.) Interfere with measures required to prevent significant deterioration of air quality; and
4.) Interfere with measures required to protect visibility in any other State.

If you or your staff have questions concerning this submittal, please contact Vivian Aucoin, Air Permits Division, SIP Group at (225) 219-3419 or vivian.aucoin@la.gov.

Sincerely,

Peggy M. Hatch

Peggy M. Hatch
Secretary

Date: October 10, 2011

c: Guy Donaldson, EPA Region 6
Carrie Paige, EPA Region 6

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Department of Environmental Quality
Office of Environmental Assessment
Environmental Planning Division

2008 Lead (Pb) National Ambient Air Quality Standards (NAAQS)
State Implementation Plan (SIP) Revisions

Under the authority of the Louisiana Environmental Quality Act, LA R.S. 30:2051 et seq., the Secretary gives notice that the Office of Environmental Services, Air Permits Division, Manufacturing Section, will submit to the Environmental Protection Agency (EPA) a revision to the infrastructure as required by Section 110(a)(1) and (2) of the Clean Air Act (CAA).

On October 15, 2008, EPA revised the primary and secondary Pb NAAQS from 1.5 micrograms per cubic meter ($\mu g/m^3$) to 0.15 $\mu g/m^3$. Pursuant to Sections 110(a)(1) and (2) of the CAA, each State is required to submit a plan to provide for the implementation, maintenance and enforcement of a newly promulgated or revised NAAQS.

If any party wishes to have a public hearing on this matter, one will be scheduled and the comments gathered at such hearing will be submitted as an addendum to the original submittal. All interested persons are invited to submit written comments concerning the revisions no later than 4:30 p.m., November 30, 2011, to Vivian H. Aucoin, Office of Environmental Services, P.O. Box 4313, Baton Rouge, LA. 70821-4313, or to FAX (225) 219-3240 or by email to vivian.aucoin@la.gov.

A copy of the Recommendation may be viewed online at the LDEQ website or the LDEQ Headquarters at 602 N. 5th Street, Room 536-03.

Herman Robinson, CPM
Executive Counsel

Louisiana SIP Infrastructure Checklist
2008 Pb National Ambient Air Quality Standards Revision

THE CLEAN AIR ACT
TITLE I—AIR POLLUTION PREVENTION AND CONTROL
PART A—AIR QUALITY AND EMISSION LIMITATIONS
SECTION 110—IMPLEMENTATION PLANS

Section 110(a)(1) and (2)

Federal CAA Citation	Summary of Federal Language	State Citation (if applicable)	Comments on State Language
§110(a)(1)	Each State shall, after reasonable notice and public hearings, adopt and submit to the Administrator, …, a plan which provides for implementation, maintenance, and enforcement of such primary standard in each air quality control region (or portion thereof) within such State. In addition, such State shall adopt and submit to the Administrator (either as a part of a plan submitted under the preceding sentence or separately) …, a plan which provides for implementation, maintenance, and enforcement of such secondary standard in each air quality control region (or portion thereof) within such State. Unless a separate public hearing is provided, each State shall consider its plan implementing such secondary standard at the hearing required by the first sentence of this paragraph.		This document will be noticed in the Louisiana Register on November 20, 2011. Prior to this NAAQS revision, EPA approved LAC 33:III Chapter 13: Emission Standards for Particulate Matter, Subchapter E, Leadened Particulate Matter into the Louisiana State Implementation Plan at 54 FR 09795 on March 8, 1989 at 40 CFR 50.970(c)(49) effective May 8, 1989.
§110(a)(2)(A) Emission Limits and Other Control Measures	Each implementation plan submitted by a State under this Act shall be adopted by the State after reasonable notice and public hearing. Each such plan shall—include enforceable emission limitations and other control measures, means, or techniques (including economic incentives such as fees, marketable permits, and auctions of emissions rights), as well as schedules and timetables for compliance, as may be necessary or appropriate to meet the applicable requirements of this Act;	La. R.S. 30:2054; LAC 33:III Chapters 2, 9 and 13	Louisiana has approved and implemented rules that provide for adequate coverage of this requirement.

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§110(a)(2)(B) Ambient Air Quality Monitoring/Data System	provide for establishment and operation of appropriate devices, methods, systems, and procedures necessary to— (i) monitor, compile, and analyze data on ambient air quality, and (ii)upon request, make such data available to the Administrator;		Louisiana operates an approved air quality monitoring network consistent with EPA regulations (40 CFR 52.995). The Louisiana air quality monitoring network assessments can be found here: http://www.deq.louisiana.gov/portal/Portals/0/AirQualityAssessment/Analysis/LANA2009draftwithNCore.pdf Based on 2007 Louisiana EI data, two source-based locations will be established for the Exide (3.26 tpy) and Bayou Steele (1.49 tpy) facilities by January 1, 2010 to meet new Network Design Standards for lead sources. LDEQ will perform modeling to determine the maximum concentrations for these facilities and locate monitors appropriately. If modeling shows ambient air concentrations to be less than 50% of the NAAQS, LDEQ will ask for a waiver from monitoring requirements. Population-based sites are planned for 2011 in the New Orleans and Baton Rouge areas. DEQ will work with EPA regarding the location of these sites. The samples from these monitors will be analyzed using EPA Method 200.7(Inductively Coupled Plasma-Atomic Emission Spectrometric Method) as previously approved for Louisiana.
§110(a)(2)(C) Program for Enforcement of Control Measures	include a program to provide for the enforcement of the measures described in subparagraph (A), and regulation of the modification and construction of any stationary source within the areas covered by the plan as necessary to assure that national ambient air quality standards are achieved, including a permit program as required in parts C and D;	LAC 33:III Chapters 3 and 5, specifically §504, Nonattainment New Source Review	Louisiana operates an EPA-approved air permitting program for major and minor sources. §504. Nonattainment New Source Review Procedures As amended in the *Louisiana Register* at LR 27:2224 (December 2001).

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		Procedures and §509, Prevention of Significant Deterioration.	Approved by EPA September 30, 2002 (67 FR 61260) effective September 30, 2002. §509 Approved by EPA 03/08/89 (54 FR 09795) at 52.970(c)(49) effective 05/08/89. Revisions approved by EPA 06/15/89 at 52.970(c)(50) effective 08/14/89; 05/02/91 at 52.970(c)(57) effective 07/01/91; and 10/15/96 at 52.970(c)(69) effective 12/16/96.)
§110(a)(2)(D) Interstate Transport	contain adequate provisions— (i) prohibiting, consistent with the provisions of this title, any source or other type of emissions activity within the State from emitting any air pollutant in amounts which will— (i)(I) contribute significantly to nonattainment in, or interfere with maintenance by, any other State with respect to any such national primary or secondary ambient air quality standard, or (i)(II) interfere with measures required to be included in the applicable implementation plan for any other State under part C to prevent significant deterioration of air quality or to protect visibility, (ii) insuring compliance with the applicable requirements of sections 126 and 115 (relating to interstate and international pollution abatement);	LAC 33:III§509, Prevention of Significant Deterioration.	Louisiana is currently in attainment for $PM_{2.5}$; with the final promulgation of the Cross State Air Pollution Rule, Louisiana will be covered for Ozone Season NOx only.

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§110(a)(2)(E) Adequate Resources	provide (i) necessary assurances that the State (or, except where the Administrator deems inappropriate, the general purpose local government or governments, or a regional agency designated by the State or general purpose local governments for such purpose) will have adequate personnel, funding, and authority under State (and, as appropriate, local) law to carry out such implementation plan (and is not prohibited by any provision of Federal or State law from carrying out such implementation plan or portion thereof), (ii) requirements that the State comply with the requirements respecting State boards under section 128, and (iii) necessary assurances that, where the State has relied on a local or regional government, agency, or instrumentality for the implementation of any plan provision, the State has responsibility for ensuring adequate implementation of such plan provision;	R.S. 30:2011 et seq. La. R.S. 30:2014	Louisiana works closely with the various stakeholder groups upon the announcement of new national ambient air quality standards; the LDEQ participates in an advisory capacity in the Baton Rouge Clean Air Coalition. Louisiana has no local governmental entities that have air pollution control capacity.

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§110(a)(2)(F) Stationary Source Monitoring System	require, as may be prescribed by the Administrator— (i) the installation, maintenance, and replacement of equipment, and the implementation of other necessary steps, by owners or operators of stationary sources to monitor emissions from such sources, (ii) periodic reports on the nature and amounts of emissions and emissions-related data from such sources, and (iii) correlation of such reports by the State agency with any emission limitations or standards established pursuant to this chapter, which reports shall be available at reasonable times for public inspection;		The most current revision to the SIP pertaining to stationary source emissions monitoring was submitted to EPA on November 15, 1994 and was approved on February 6, 1995 (60 FR 02014). This SIP revision meets the requirements set forth in §110(a)(2)(F).
§110(a)(2)(G)	provide for authority comparable to that in section 303 and adequate contingency plans to implement such authority;	LAC 33:III.Chapter 56	The "Prevention of Air Pollution Emergency Episodes" provision was promulgated by LDEQ on December 20, 1987. Revisions were made to the SIP in January 1988, and approved on March 8, 1989 (54 FR 09795).

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§110(a)(2)(H)	provide for revision of such plan— (i) from time to time as may be necessary to take account of revisions of such national primary or secondary ambient air quality standard or the availability of improved or more expeditious methods of attaining such standard, and (ii) except as provided in paragraph (3)(C), whenever the Administrator finds on the basis of information available to the Administrator that the plan is substantially inadequate to attain the national ambient air quality standard which it implements or to otherwise comply with any additional requirements established under this Act;	N/A	LDEQ has revised the SIP, as necessary, to comply with changes to the national ambient air quality standard or findings of inadequacies. Prior to this NAAQS revision, EPA approved LAC 33:III Chapter 13: Emission Standards for Particulate Matter, Subchapter E, Leadened Particulate Matter into the Louisiana State Implementation Plan at 54 FR 09795 on March 8, 1989 at 40 CFR 50.970(c)(49) effective May 8, 1989.
§110(a)(2)(J)	meet the applicable requirements of section 121 (relating to consultation), section 127 (relating to public notification), and part C (relating to prevention of significant deterioration of air quality and visibility protection);	LAC 33:III.509 (PSD and Visibility); LAC 33:III.531 Public Notice and Affected State Notice	Louisiana works with the Federal Land Manager on PSD projects and permits; Louisiana also participates in daily forecasting for PM 2.5.

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§110(a)(2)(K)	provide for— (i) the performance of such air quality modeling as the Administrator may prescribe for the purpose of predicting the effect on ambient air quality of any emissions of any air pollutant for which the Administrator has established a national ambient air quality standard, and (ii) the submission, upon request, of data related to such air quality modeling to the Administrator;	N/A	Prior to this NAAQS revision, EPA approved LAC 33:III Chapter 13: Emission Standards for Particulate Matter, Subchapter E, Leadened Particulate Matter into the Louisiana State Implementation Plan at 54 FR 09795 on March 8, 1989 at 40 CFR 50.970(c)(49) effective May 8, 1989.
§110(a)(2)(L)	require the owner or operator of each major stationary source to pay to the permitting authority, as a condition of any permit required under this Act, a fee sufficient to cover— (i) the reasonable costs of reviewing and acting upon any application for such a permit, and (ii) if the owner or operator receives a permit for such source, the reasonable costs of implementing and enforcing the terms and conditions of any such permit (not including any court costs or other costs associated with any enforcement action), until such fee requirement is superseded with respect to such sources by the Administrator's approval of a fee program under title V; and	LAC 33:III Chapter 2	Section 223. Fee Schedule Listing Approved by EPA 10/23/95 (60 FR 54308) at 52.970(c)(66) effective 12/22/95.
§110(a)(2)(M)	provide for consultation and participation by local political subdivisions affected by the plan.	La RS 30: 2011(D)(21)(b)	Louisiana includes these entities as part of the stakeholder group before plan implementation begins.

N/A - not applicable