

BOBBY JINDAL
GOVERNOR



PEGGY M. HATCH
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Mr. Ron Curry, Administrator
US EPA Region 6 (6-AR)
1445 Ross Avenue, Suite 1200
Dallas, TX 75202-2733

RE: State of Louisiana
2012 PM_{2.5} National Ambient Air Quality Standards revision
State Implementation Plan Infrastructure Checklist

Dear Mr. Curry:

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 draft State Implementation Plan (SIP) Infrastructure Checklist for the 2012 PM_{2.5} National Ambient Air Quality Standards (NAAQS) for review and comment.

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 any questions concerning this submittal, please contact Ms. Tegan Treadaway, Air Permits Division, Assistant Secretary at (225) 219-3180 or Tegan.Treadaway@la.gov.

Sincerely

Handwritten signature of Peggy M. Hatch in black ink.
Peggy M. Hatch
Secretary

Date: August 18, 2014

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

Louisiana SIP Infrastructure Checklist
 2012 PM_{2.5} 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 |
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| §110(a)(1) | <p>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.</p> | <p>La. R.S. 30:2054; LAC 33:III Chapters 2, 9 and 13</p> | <p>Louisiana submitted to EPA a State Implementation Plan revision that dealt with the 1997 fine particulate matter NAAQS. This plan was promulgated and approved by EPA at 76 FR 42549 (effective August 18, 2011).</p> <p>Louisiana submitted to EPA a State Implementation Plan revision that dealt with the 2006 24-hour PM_{2.5} NAAQS dated May 16, 2011 and a supplemental letter dated May 21, 2013. These documents were promulgated and approved as part of the Fine Particulate Matter Implementation Plan at 79 FR 4438 (January 28, 2014).</p> |
| §110(a)(2)(A) Emission Limits and Other Control Measures | <p>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;</p> | | <p>Louisiana has approved and implemented rules that provide for adequate coverage of this requirement.</p> |

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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; | LAC 33:III Chapter 1, 3, 5, 7, 9, 13 and 14 ¹ | Louisiana operates an approved air quality monitoring network consistent with EPA regulations (40 CFR 58.11). LDEQ has monitored for PM _{2.5} since 1999. Under LDEQ's PM _{2.5} Grant Work Plan, the department monitors, compiles, and analyzes the data for PM _{2.5} . The Louisiana air quality monitoring network implements the 2012 24-hour and Annual PM _{2.5} NAAQS. Current air monitoring data can also be accessed through the following website: http://www.deq.louisiana.gov/portal/DIVISIONS/Assessment/AirFieldServices/AmbientAirMonitoringProgram/AmbientAirMonitoringDataandReports.aspx http://www.deq.louisiana.gov/portal/DIVISIONS/Assessment/AirFieldServices/AmbientAirMonitoringProgram/AirMonitoringData.aspx LDEQ reports the air quality data to EPA on a quarterly basis. Louisiana has approved and implemented rules that provide for adequate coverage of this requirement. |
| §110(a)(2)(C) Program for Enforcement of | 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 | LAC 33:III Chapter 1, 3, 5, 7, 9, 13 and 14 ¹ | LDEQ reports the air quality data to EPA on a quarterly basis. Louisiana has approved and implemented rules that provide for adequate coverage of this requirement. |

¹ Chapter 1 – General Provisions
 Chapter 3 – Regulatory Permits
 Chapter 5 – Permit Procedures
 Chapter 7 – Ambient Air Quality
 Chapter 9 – General Regulations on Control of Emissions and Emission Standards
 Chapter 13 – Emission Standards for Particular Matter
 Chapter 14 – Conformity

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| Control Measures | national ambient air quality standards are achieved, including a permit program as required in parts C and D; | | <p>Louisiana operates an EPA-approved air permitting program for major and minor sources.</p> <p>The PSD program applies to all NSR pollutants, including greenhouse gases (GHG) and PM_{2.5}.</p> <p>The GHG rule (AQ315) was promulgated in the Louisiana Register on April 20, 2011 and submitted to EPA for approval on December 21, 2011.²</p> <p>LDEQ revised LA C 33:III.509, Prevention of Significant Deterioration with substantive changes to rule AQ 328f. The rule was finalized in the Louisiana Register on December 20, 2012 and submitted to EPA for SIP approval on February 7, 2013.³</p> |

² Submitted 12/21/2011. Pending EPA approval
³ Submitted 2/7/2013. Pending EPA approval.

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| Interstate Transport § 110(a)(2)(D) | <p>contain adequate provisions—</p> <p>(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—</p> <p>(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</p> <p>(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,</p> <p>(ii) insuring compliance with the applicable requirements of sections 126 and 115 (relating to interstate and international pollution abatement);</p> | LAC 33:III.506 | <p>Air quality modeling evaluating interstate transport for the 2006 PM_{2.5} supported the conclusion that Louisiana did not have an impact on either downwind nonattainment or maintenance receptors. The air quality modeling performed for the Transport Rule found that the impact was less than the 1 percent threshold (79 FR 4437, January 28, 2014). Currently, Louisiana is in compliance with the new standard.</p> <p>Louisiana submitted a Regional Haze SIP June 13, 2008. The Regional Haze SIP contains measures that will assist with visibility impairment.</p> <p>The PSD program applies to all NSR pollutants, including greenhouse gases (GHG) and PM_{2.5}.</p> <p>The GHG rule (AQ315) was promulgated in the Louisiana Register on April 20, 2011 and submitted to EPA for approval on December 21, 2011.</p> <p>LDEQ revised LAC 33:III.509, Prevention of Significant Deterioration with substantive changes to rule AQ 328ft. The rule was finalized in the Louisiana Register on December 20, 2012 and submitted to EPA for SIP approval on February 7, 2013.</p> |

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| <p>§110(a)(2)(E) Adequate Resources</p> | <p>provide</p> <p>(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),</p> <p>(ii) requirements that the State comply with the requirements respecting State boards under section 128, and</p> <p>(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;</p> | <p>La. R.S. 30:2011 et seq. La. R.S. 30:2014</p> | <p>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.</p> <p>Louisiana has no local governmental entities that have air pollution control capacity.</p> |

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| §110(a)(2)(F) Stationary Source Monitoring System | <p>require, as may be prescribed by the Administrator—</p> <p>(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,</p> <p>(ii) periodic reports on the nature and amounts of emissions and emissions-related data from such sources, and</p> <p>(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;</p> | LAC 33:III Chapter 9 LAC 33:III Chapter 56 | <p>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). The most recent revisions were submitted on September 14, 2004 and November 9, 2007 and approved on July 5, 2011 (see 76 FR 38977). This SIP revision meets the requirements set forth in §110(a)(2)(F).</p> |
| §110(a)(2)(G) | <p>provide for authority comparable to that in section 303 and adequate contingency plans to implement such authority;</p> | LAC 33:III Chapter 56 | <p>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).</p> |

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| §110(a)(2)(H) | <p>provide for revision of such plan—</p> <p>(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</p> <p>(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;</p> | <p>La R.S. 30:2011, La R.S. 30:2054</p> | <p>LDEQ has revised the SIP, as necessary, to comply with changes to the national ambient air quality standard or findings of inadequacies. See 79 FR 21142 (effective May 15, 2014) for revisions concerning the PM_{2.5} NAAQS.</p> |
| §110(a)(2)(J) | <p>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),</p> | <p>LAC 33:III.509 (PSD and Visibility); LAC 33:III.531 Public Notice and Affected State Notice</p> | <p>Louisiana works with the Federal Land Manager on PSD projects and permits; Louisiana also participates in daily forecasting for PM 2.5.</p> <p>The PSD program applies to all NSR pollutants, including greenhouse gases (GHG) and PM_{2.5}.</p> <p>The GHG rule (AQ315) was promulgated in the Louisiana Register on April 20, 2011 and submitted to EPA for approval on December 21, 2011.</p> <p>LDEQ revised LAC 33:III.509, Prevention of Significant Deterioration with substantive changes to rule AQ 328ft. The rule was finalized in the Louisiana Register on December 20, 2012 and submitted to EPA for SIP approval on February 7, 2013.</p> |

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| §110(a)(2)(K) | <p>provide for—</p> <p>(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</p> <p>(ii) the submission, upon request, of data related to such air quality modeling to the Administrator;</p> | <p>La R.S. 30:2011, La. R.S. 30:2054</p> | <p>LDEQ contracts the attainment modeling requirement when necessary. At this time, all 64 of Louisiana parishes are in attainment with the 2012 PM_{2.5} NAAQS.</p> |
| §110(a)(2)(L) | <p>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—</p> <p>(i) the reasonable costs of reviewing and acting upon any application for such a permit; and</p> <p>(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</p> | <p>LAC 33:III Chapter 2</p> | <p>Louisiana has an approved permit fee structure</p> |
| §110(a)(2)(M) | <p>provide for consultation and participation by local political subdivisions affected by the plan.</p> | <p>La RS 30: 2011 (D) (21)(b)</p> | <p>Louisiana includes these entities as part of the stakeholder group before plan implementation begins.</p> |

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Department of Environmental Quality
Office of Environmental Assessment
Environmental Planning Division

2012 Fine Particulate Matter 2.5 (PM_{2.5}) 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 State Implementation Plan (iSIP) as required by Section 110(a)(1) and (2) of the Clean Air Act (CAA).

On December 14, 2012, EPA revised the nation's air quality standard for fine particle (PM_{2.5}) pollution to improve public health protection. The Primary PM_{2.5} annual standard was revised from 15 micrograms per cubic meter (ug/m³) to 12 ug/m³ and the 24-hour fine particle standard was retained at 35 ug/m³. 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. At this time, Louisiana is in compliance with the new Standard.

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., October 20, 2014, 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