INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

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June 5, 2009

Mr. Bharat Mathur
Acting Regional Administrator
U.S. Environmental Protection Agency
Region 5
77 West Jackson Boulevard
Chicago, IL 60604-3950

Re: Request for Redesignation and Maintenance Plan for Ozone Attainment in the 8-Hour Ozone Nonattainment Area for Lake and Porter Counties, Indiana; Final Submittal

Dear Mr. Mathur:

The Indiana Department of Environmental Management (IDEM) prepared and submitted the following draft documents to the United States Environmental Protection Agency (U.S. EPA) with a request for parallel processing on December 4, 2008:

- Redesignation Petition and Maintenance Plan
- Attainment Demonstration, including the Demonstration of Rate of Further Progress
- Demonstration of compliance with requirements pertaining to Reasonably Available Control Technology for volatile organic compounds
- Request for waiver for Reasonably Available Control Technology requirements for nitrogen oxides

IDEM conducted a public hearing concerning these documents on January 8, 2009 and the public comment period concluded on January 12, 2009.

Attached are the final Redesignation Petition and Maintenance Plan, Attainment Demonstration including the Demonstration of Rate of Further Progress, and Request for Waiver for Reasonably Available Control Technology (RACT) requirements for nitrogen oxides (NO_x) for Lake and Porter counties, Indiana. The final version documents the public review process. The documents have not been altered substantively since they were submitted to the U.S. EPA for parallel processing on December 4, 2008. Also, included for your review and consideration is a draft submittal of Indiana's RACT submittal for volatile organic compounds (VOC). This draft submission includes one negative declaration and a series of rulemaking notices. The rulemaking and public processes for the RACT submission will be finalized by September of 2009 and IDEM will provide U.S. EPA with a final submission shortly thereafter.

The attached documents include the following:

Redesignation Petition and Maintenance Plan

- A formal request that Lake and Porter counties be redesignated to attainment and classified as maintenance. The request contains and meets the requirements set forth in Section 107 of the Clean Air Act and in the Redesignation guidance issued September 4, 1992.
- A maintenance year of 2020 is established and 2010 is analyzed as an interim year.
- The appendices of the document contain historic trend data, projected emission inventory data and thorough documentation of the mobile emissions analysis.
- A transcript of the public hearing and a record of all comments received, as well as IDEM's responses.

Attainment Demonstration

- Demonstration that the area will attain the standard by statutory deadline
- Contained in the Attainment Demonstration is the Rate of Further Progress

Motor Vehicle Emissions Budgets

- Contained in the Attainment Demonstration is a motor vehicle emissions budget for 2009.
- Contained in the Maintenance Plan is a new motor vehicle emissions budget for 2020.
- The Northwestern Indiana Regional Planning Commission travel demand model and MOBILE6 were used to determine mobile source emissions for the area.
- The Travel Demand Model was updated with the best available assumptions.

RACT SIP

- NO_x RACT Waiver
- VOC Control Technology Guidelines Rule Notices
- Negative Declaration for Fiberglass Boat Manufacturing Materials

Ozone monitoring data for the most recent three (3) years, 2006 through 2008, demonstrates that air quality has met the National Ambient Air Quality Standard (NAAQS) for ozone throughout the Chicago-Gary-Lake County, IL-IN nonattainment area, including Lake and Porter counties, Indiana. The redesignation petition also states that if a violation of the 8-hour ozone standard occurs at the Chiwaukee Prairie monitor in Wisconsin (the monitor that U.S. EPA deems to represent the control monitor for the nonattainment/maintenance area) within the Chicago-Gary-Lake County, IL-IN ozone nonattainment/maintenance area, an Action Level trigger will be prompted and additional control measures may be implemented to ensure future attainment of the 8-hour ozone standard.

IDEM requests that the U.S. EPA proceed with final review and approval of this submittal. If you have any questions or need additional information, please contact Scott Deloney, Chief, Air Programs Branch, at (317) 233-5694.

Sincerely,

Thomas W. Easterly
Commissioner

TWE/sad/skr
Attachments:

Redesignation Petition and Maintenance Plan
Attainment Demonstration and Demonstration of Rate of Further Progress
RACT for volatile organic compounds
Request for waiver for RACT requirements for nitrogen oxides

Cc: Cheryl L. Newton, U.S. EPA Region 5
Pat Morris, U.S. EPA Region 5
Ed Doty, U.S. EPA Region 5
John Summerhays, U.S. EPA Region 5
John Swanson, NIRPC
Dan Murray, IDEM-OAQ
Scott Deloney, IDEM-OAQ
Christine Pedersen, IDEM-OAQ
Sarah Raymond, IDEM-OAQ