



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

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May 26, 2011

Ms. Susan Hedman
Regional Administrator
U.S. Environmental Protection Agency
Region 5
77 West Jackson Boulevard
Chicago, IL 60604-3950

Dear Ms. Hedman:

Re: Request for Redesignation Petition and
Maintenance Plan for the Indiana Portion
(Lake and Porter Counties) of the Chicago-
Gary-Lake IL-IN Nonattainment Area for
Fine Particles

The Indiana Department of Environmental Management (IDEM) submits a Redesignation Petition and Maintenance Plan for the Indiana Portion (Lake and Porter counties) of the Chicago-Lake IL-IN Nonattainment Area, which was designated as nonattainment of the annual standard for fine particles on April 5, 2005. IDEM conducted a public hearing concerning the Redesignation Petition and Maintenance Plan on May 18, 2011, and the public comment period concluded on May 20, 2011.

This submittal documents the public review process, including a detailed summary of and response to substantive comments.

The attached document consists of the following:

Redesignation Petition and Maintenance Plan

- A formal request that the Indiana Portion (Lake and Porter counties) of the Chicago-Lake IL-IN Nonattainment Area be redesignated to attainment and reclassified as maintenance. It contains and meets the requirements set forth in Section 107 of the Clean Air Act and in United States Environmental Protection Agency (U.S. EPA) Redesignation Guidance.
- A maintenance year of 2025 is established and 2015 and 2020 are analyzed as interim years.
- The appendices of the document contain historical air quality trend data, projected emission inventory data, and thorough documentation of the mobile emissions analysis.

Motor Vehicle Emissions Budgets

- Contained in the Redesignation Petition is a new Motor Vehicle Emissions Budget for 2016 and 2025. The Northwestern Indiana Regional Planning Commission's (NIRPC's) travel demand forecasting model and U.S. EPA's software program referred to as MOBILE6.2 were used to determine emissions for the annual fine particle nonattainment area.
- A conservative margin of safety was applied to the 2016 and 2025 projected emissions.
- The travel demand model was updated with the best available assumptions.
- Vehicle registration data gathered from the Indiana Bureau of Motor Vehicles were used to replace the MOBILE6.2 default vehicle age distribution.

IDEM requests that U.S. EPA proceed with 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,



Keith Baugues
Assistant Commissioner
Office of Air Quality

KB/sad/ghf

Enclosure:

Request for Redesignation Petition and Maintenance Plan Under the Annual National Ambient Air Quality Standard for Fine Particles for the Indiana Portion of the Chicago-Gary-Lake County, IL-IN Nonattainment Area

Cc: John Summerhays, U.S. EPA Region 5 (w/ enclosures)
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