



Indiana Department of Environmental Management

We Protect Hoosiers and Our Environment.

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Michael R. Pence
Governor

Carol S. Comer
Commissioner

February 23, 2016

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

Re: Request for Redesignation Petition and Maintenance Plan for Ozone Attainment for the Indiana Portion (Lawrenceburg Township, Dearborn County, IN) of the Cincinnati-Hamilton, OH-KY-IN 2008 8-Hour Ozone Nonattainment Area

Dear Mr. Kaplan:

The Indiana Department of Environmental Management (IDEM) submits a Redesignation Petition and Maintenance Plan for Indiana's portion (Lawrenceburg Township, Dearborn County, IN) of the Cincinnati-Hamilton, OH-KY-IN, Nonattainment Area, in reference to the 2008 8-hour ozone standard. IDEM scheduled a public hearing concerning the Redesignation Petition and Maintenance Plan on October 14, 2015, and the public comment period concluded on October 21, 2015. No comments were received during the public comment period. Additionally, there was no request for a public hearing during the comment period, thus a hearing was not held.

As required under Section 182(a)(1) of the Clean Air Act (CAA), Indiana also submits a base-year (2011) inventory for Dearborn County included as Appendix H to the Redesignation Petition and Maintenance Plan. In addition, as required under Section 182(a)(3)(b) of the Clean Air Act (CAA), Indiana is currently amending its Emissions Reporting Rule (326 IAC 2-6) to revise the reporting thresholds for NO_x and VOCs for sources located in Lawrenceburg Township, Dearborn County and change the reporting schedule from triennial to annual. Sections 107 and 182 of the CAA describe the requirements related to nonattainment designations. This rulemaking should be complete by late summer or early fall. Indiana will submit the rule amendments to your agency as a revision to Indiana's SIP later this year.

The attached enclosure consists of the following:

Redesignation Petition and Maintenance Plan

- A formal request that the Indiana portion of the Cincinnati-Hamilton, OH-KY-IN, Nonattainment Area for the 2008 8-hour ozone standard 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 U.S. EPA Redesignation Guidance.
- The appendices of the document contain historical air quality trend data and projected emission inventory data.
- A maintenance year of 2030 is established and 2020 is analyzed as an interim year.

Motor Vehicle Emissions Budgets

- Contained within the Redesignation Petition is a new Motor Vehicle Emissions Budget for 2020 and 2030. The Ohio-Kentucky-Indiana Regional Council of Governments' (OKI) travel demand forecasting model and U.S. EPA's Motor Vehicle Emission Simulator (MOVES) 2014 software program were used to determine emissions for the 8-hour nonattainment area.
- A conservative margin of safety was applied to the 2020 and 2030 projected emissions.
- The travel demand model was updated with the best available assumptions.

An electronic version of the submittal in PDF format that is identical to the hard copy has been sent to Doug Aburano at the U.S. EPA Region 5 office.

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

Mr. Robert Kaplan

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KB/sad/bc/gf/mlb

Enclosure:

Request for Redesignation Petition and Maintenance Plan for Ozone Attainment
for the Indiana Portion of the Cincinnati- Hamilton, OH-KY-IN 2008 8-Hour Ozone
Nonattainment Area

cc: George Czerniak, U.S. EPA Region 5 (no enclosure)
Doug Aburano U.S. EPA Region 5 (no enclosure)
Chris Panos, U.S. EPA Region 5 (no enclosure)
John Mooney, U.S. EPA Region 5 (no enclosure)
Steve Rosenthal, U.S. EPA Region 5 (no enclosure)
Ed Doty, U.S. EPA Region 5 (no enclosure)
Keith Baugues, IDEM-OAQ (no enclosure)
Scott Deloney, IDEM-OAQ (no enclosure)
Brian Callahan, IDEM-OAQ (no enclosure)
Michele Boner, IDEM-OAQ (w/ enclosure)
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