



Indiana Department of Environmental Management

We Protect Hoosiers and Our Environment.

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Michael R. Pence
Governor

Carol S. Comer
Commissioner

June 15, 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 and
Maintenance Plan for Ozone Attainment in
Indiana's Portion (Lake and Porter
Counties) of the Chicago-Naperville, IL-IN-
WI, 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 (Lake and Porter counties) of the Chicago-Naperville, Illinois-Indiana-Wisconsin (IL-IN-WI), Nonattainment Area in reference to the 2008 8-hour ozone National Ambient Air Quality Standard (NAAQS), attached hereto. IDEM provided opportunity for a public hearing concerning this Redesignation Petition and Maintenance Plan on June 8, 2016. There were not any requests for a hearing to be held, therefore it was canceled. The public comment period began on May 4, 2016 and concluded on June 15, 2016, without any comments being received.

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 Indiana's portion of the Chicago-Naperville, IL-IN-WI, 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 (CAA) and in U.S. EPA's Redesignation Guidance.

- The appendices of the document contain historical air quality trend data (Appendix D) and projected emission inventory data (Appendix E).
- A maintenance year of 2030 is established and 2020 is analyzed as an interim year.
- Appendix F contains the "2011 National Emissions Inventory Base-Year Report for Indiana's Portion of the Chicago-Naperville, (IL-IN-WI), 2008 8-Hour Ozone Nonattainment Area". This submittal fulfills the requirement for an Emissions Statement and Inventory State Implementation Plan (SIP), set forth in Section 182 (a) of the CAA.

Motor Vehicle Emissions Budgets

- Section 5.0 of the Redesignation Petition and Maintenance Plan contains a new Motor Vehicle Emissions Budget for 2020 and 2030 for Lake and Porter counties, Indiana. The Northwestern Indiana Regional Planning Commission's (NIRPC) travel demand forecasting model and U.S. EPA's Motor Vehicle Emissions 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.

This submittal consists of one (1) hard copy of the required documentation. An electronic version of the submittal in PDF format that is identical to the hard copy has been sent to Doug Aburano, Chief of U.S. EPA Region 5's Attainment Planning and Maintenance Section and Chris Panos of U.S. EPA Region 5.

IDEM requests that U.S. EPA proceed with review and approval of this submittal. If you have any question or need additional information, please contact Brian Callahan, Section Chief, Air Quality Standards and Implementation, Office of Air Quality, IDEM, at (317) 232-8244 or bcallaha@idem.IN.gov.

Sincerely,



Keith Baugues
Assistant Commissioner
Office of Air Quality
Indiana Department of Environmental
Management

Mr. Robert Kaplan

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Enclosure: Request for Redesignation Petition and Maintenance Plan for Ozone Attainment in the Indiana Portion of the Chicago-Naperville, IL-IN-WI, 2008 8-Hour Ozone Nonattainment Area

Cc: 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)
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