



## INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We Protect Hoosiers and Our Environment.*

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Eric J. Holcomb  
*Governor*

Bruno L. Pigott  
*Commissioner*

June 20, 2019

Ms. Cathy Stepp  
Regional Administrator  
U.S. EPA, Region 5  
77 West Jackson Boulevard  
Chicago, IL 60604-3950

Re: Full Maintenance Plan Updates for the Indianapolis (Boone, Hamilton, Hancock, Hendricks, Johnson, Madison, Marion, Morgan and Shelby counties), La Porte County, South Bend-Elkhart (Elkhart and St. Joseph counties), Indiana Portions of the Chicago-Gary-Lake, Illinois-Indiana (Lake and Porter counties), Cincinnati-Hamilton, Ohio-Kentucky-Indiana (Lawrenceburg Township, Dearborn County), and Louisville, Kentucky-Indiana (Clark and Floyd counties) 1997 8-Hour Ozone Areas

Dear Ms. Stepp:

The Indiana Department of Environmental Management (IDEM) submits the Full Maintenance Plan Updates for the Indianapolis, La Porte County, South Bend-Elkhart, Lake and Porter counties, Lawrenceburg Township, and Clark and Floyd counties, Indiana 1997 8-hour ozone areas. The submittals demonstrate that these areas have remained well below the 1997 8-hour Ozone National Ambient Air Quality Standard (NAAQS) and should remain designated as attainment under the standard.

Effective June 15, 2004, United States Environmental Protection Agency (U.S. EPA) designated these areas nonattainment under Subpart 1 of the 1997 8-hour ozone NAAQS. Redesignation to attainment was effective July 19, 2007 for LaPorte County, Clark and Floyd counties, and the South-Bend Elkhart area, October 19, 2007 for Indianapolis, and May 11, 2010, for Lake and Porter counties and Lawrenceburg Township. As part of the redesignation actions, Indiana adopted and U.S. EPA approved maintenance plans for these areas which demonstrated continued attainment of the standard at least ten years after redesignation, as required under Section 175A of the Clean Air Act (CAA).

Under Section 175A(b) of the CAA, states must submit a revision to the first maintenance plan eight years after redesignation to provide for maintenance of the NAAQS for an additional ten years following the end of the first ten-year period. These submittals satisfy that commitment.


Throughout the development of the submittals, IDEM staff worked with U.S. EPA Region 5 to ensure that any potential concerns regarding these submissions were addressed.

IDEM provided a separate 30-day public comment period and opportunity for public hearing for each submittal. IDEM did not receive any public hearing requests or comments. Please refer to the enclosures for further information and dates regarding the public participation process documentation for the submittals.

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

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

Sincerely,



Keith Baugues  
Assistant Commissioner  
Office of Air Quality

KB/sad/bc/gf/lf/mb

Enclosures 1 - 6:

Full Maintenance Plan Updates for the Indianapolis, La Porte County, South Bend-Elkhart, Lake and Porter counties, Lawrenceburg Township, and Clark and Floyd counties, 1997 8-Hour Ozone Areas/Public Participation Process Documentation

cc: Doug Aburano U.S. EPA Region 5 (no enclosures)  
Chris Panos, U.S. EPA Region 5 (no enclosures)  
Michael Leslie, U.S. EPA Region 5 (no enclosures)  
Kathleen D'Agostino, U.S. EPA Region 5 (no enclosures)  
Keith Baugues, IDEM-OAQ (no enclosures)  
Scott Deloney, IDEM-OAQ (no enclosures)

Ms. Stepp  
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Brian Callahan, IDEM-OAQ (no enclosures)  
Gale Ferris, IDEM-OAQ (w/ enclosures)  
Leslie Ferguson, IDEM-OAQ (w/ enclosures)  
Michele Boner, IDEM-OAQ (w/ enclosures)  
File Copy

FULL MAINTENANCE PLAN UPDATE  
FOR THE INDIANA PORTION OF THE  
CHICAGO-GARY-LAKE COUNTY,  
ILLINOIS-INDIANA (IL-IN) 1997 8-  
HOUR OZONE AREA

**Lake and Porter Counties, Indiana**

Prepared By:

The Indiana Department of  
Environmental Management

June 2019

## **Full Maintenance Plan Update for the Indiana Portion of the Chicago-Gary-Lake, IL-IN, 1997 8-Hour Ozone Area (Lake and Porter Counties, IN)**

### **Background**

On July 18, 1997 (62 FR 38856), United States Environmental Protection Agency (U.S. EPA) promulgated an 8-hour standard of 0.08 parts per million (ppm). The standard is attained when the three-year average of the annual fourth-highest daily maximum eight-hour average ozone concentrations measured at each monitor within an area is less than or equal to 0.08 ppm, when rounded. On April 30, 2004 (69 FR 23857), U.S. EPA published a final rule designating and classifying areas under the 8-hour ozone NAAQS. These designations and classifications became effective June 15, 2004. U.S. EPA designated as nonattainment any area that was violating the 8-hour ozone NAAQS based on the three most recent years of air quality data, 2001-2003.

The CAA contains two sets of provisions, subpart 1 and subpart 2, that address planning and control requirements for nonattainment areas. (Both are found in Title I, part D, of the CAA; 42 U.S.C. 7501-7509a and 7511-7511f, respectively.) Subpart 1 contains general requirements for nonattainment areas for any pollutant, including ozone, governed by a NAAQS. Subpart 2 provides more specific requirements for ozone nonattainment areas.

Under U.S. EPA's implementation rule for the 1997 8-hour ozone standard, (April 30, 2004, 69 FR 23951), an area was classified under subpart 2 based on its 8-hour ozone design value (i.e. the three-year average annual fourth-highest daily maximum 8-hour average ozone concentration) if it had a 1-hour design value at the time of designation at or above 0.121 ppm (the lowest 1-hour design value in Table 1 of subpart 2) (69 FR 23954). All other areas were covered under subpart 1, based upon their 8-hour design values (69 FR 23958).

Effective June 15, 2004, U.S. EPA designated Lake and Porter counties as Moderate nonattainment under the 1997 8-hour ozone NAAQS as part of the Chicago-Gary-Lake County, IL-IN maintenance area. Lake and Porter counties, IN was redesignated to attainment on April 22, 2010, effective May 11, 2010 (75 FR 26113). As part of the redesignation action, Indiana adopted and U.S. EPA approved a maintenance plan for Lake and Porter counties, IN which demonstrated continued attainment of the 1997 ozone at least ten years after redesignation, as required under CAA section 175A.

Under CAA section 175A(b), states must submit a revision to the first maintenance plan eight years after redesignation to provide for maintenance of the NAAQS for ten additional years following the end of the first 10-year period. The EPA's final implementation rule for the 2008 ozone NAAQS revoked the 1997 ozone NAAQS and stated that one consequence of revocation was that areas that had been redesignated to attainment (i.e., maintenance areas) for the 1997 standard no longer needed to submit second 10-year maintenance plans under CAA section 175A(b). In *South Coast Air Quality Management District v. U.S. EPA*, the D.C. Circuit vacated the U.S. EPA's

interpretation that, because of the revocation of the 1997 ozone standard, second maintenance plans were not required for “orphan maintenance areas,” i.e., areas that had been redesignated to attainment for the 1997 NAAQS (maintenance areas) and were designated attainment for the 2008 ozone NAAQS. *South Coast*, 882 F.3d 1138 (D.C. Cir. 2018). Thus, states with these “orphan maintenance areas” under the 1997 ozone NAAQS must submit maintenance plans for the second maintenance period.

## **Second Maintenance Plan**

Lake and Porter counties, IN was redesignated to attainment effective May 11, 2010. Therefore, in accordance with CAA section 175A(b), a second maintenance plan, demonstrating maintenance through May 11, 2030, was due on May 11, 2018.

A September 4, 1992, memorandum from John Calcagni<sup>1</sup> provides guidance on the content of a maintenance plan. The memorandum clarifies that an ozone maintenance plan should address the following items: the attainment volatile organic compounds (VOC) and nitrogen oxides (NO<sub>x</sub>) emissions inventories, a maintenance demonstration showing maintenance for the ten years of the maintenance period, a commitment to maintain the existing monitoring network, factors and procedures to be used for verification of continued attainment of the NAAQS, and a contingency plan to prevent or correct future violations of the NAAQS.

### *Attainment Inventory*

The original CAA section 175A maintenance plan approved by U.S. EPA included an attainment inventory for Lake and Porter counties, IN that reflects typical summer day VOC and NO<sub>x</sub> emissions in 2006. Because the Chicago-Gary-Lake County, IL-IN maintenance area continued to monitor attainment of the 1997 ozone NAAQS in 2014, this is also an appropriate year to use for an attainment year inventory. As such, Indiana is using 2014 summer day emissions from the U.S. EPA 2014 version 7.0 modeling platform as the basis for the attainment inventory presented in Tables 1 and 2 below. Table 1 shows VOC and NO<sub>x</sub> emission totals for all sectors in Lake and Porter counties, IN, while Table 2 shows emission totals for all sectors for the entire Chicago-Gary-Lake County, IL-IN maintenance area for the 2014 attainment-year. These data are based on the most recently available National Emissions Inventory (2014 NEI version 2). The inventory documentation for this platform can be found here: <https://www.epa.gov/air-emissions-modeling/2014-version-70-platform>.

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<sup>1</sup> “Procedures for Processing Requests to Redesignate Areas to Attainment,” Memorandum from John Calcagni, Director, Air Quality Management Division, September 4, 1992.

**Table 1**  
**2014 Typical Summer Day Volatile Organic Compound (VOC) and Nitrogen Oxide (NO<sub>x</sub>) Emissions for Lake and Porter counties, IN (tons per day)**

<b>Source Category</b>	<b>VOC Emissions</b>	<b>NO<sub>x</sub> Emissions</b>
Nonpoint	20.00	12.52
Nonroad	18.08	15.66
Onroad	11.59	28.05
Point	12.99	71.24
<b>Total Area</b>	<b>62.66</b>	<b>127.47</b>

**Table 2**  
**2014 Typical Summer Day Volatile Organic Compound (VOC) and Nitrogen Oxide (NO<sub>x</sub>) Emissions for the Entire Chicago-Gary-Lake County, IL-IN Maintenance Area (tons per day)**

<b>Source Category</b>	<b>VOC Emissions</b>	<b>NO<sub>x</sub> Emissions</b>
Nonpoint	225.47	97.50
Nonroad	94.43	96.73
Onroad	129.41	258.94
Point	51.33	146.39
<b>Total Area</b>	<b>500.64</b>	<b>599.56</b>

#### *Maintenance Demonstration*

Indiana is demonstrating maintenance through 2030 by showing that future emissions of VOC and NO<sub>x</sub> for Lake and Porter counties, Indiana, as well as the entire Chicago-Gary-Lake County, IL-IN maintenance area remain at or below attainment year emission levels. 2030 is an appropriate maintenance year because it is 10 years beyond the first 10-year maintenance period. Indiana projected emissions to the year 2030 from U.S. EPA's 2028 emissions inventory projected from U.S. EPA 2011 version 6.3 modeling platform. The inventory documentation for this platform can be found here: <https://www.epa.gov/air-emissions-modeling/2011-version-63-platform>. The relevant inventory scenario names are "2014fd" and "2028el." The 2028 scenario was used to support past air quality modeling to support the regional haze program.

Table 3 shows VOC and NO<sub>x</sub> emission totals for all sectors in Lake and Porter counties, IN, while Table 4 shows emission totals for all sectors for the entire Chicago-Gary-Lake County, IL-IN maintenance area.

**Table 3**  
**2030 Typical Summer Day Volatile Organic Compound (VOC) and Nitrogen Oxide (NO<sub>x</sub>) Emissions for Lake and Porter counties, IN (tons per day)**

<b>Source Category</b>	<b>VOC Emissions</b>	<b>NO<sub>x</sub> Emissions</b>
Nonpoint	15.88	5.38
Nonroad	8.81	9.73
Onroad	3.12	6.73
Point	17.61	67.99
<b>Total Area</b>	<b>45.42</b>	<b>89.83</b>

**Table 4**  
**2030 Typical Summer Day Volatile Organic Compound (VOC) and Nitrogen Oxide (NO<sub>x</sub>) Emissions for the entire Chicago-Gary-Lake County, IL-IN Maintenance Area (tons per day)**

<b>Source Category</b>	<b>VOC Emissions</b>	<b>NO<sub>x</sub> Emissions</b>
Nonpoint	201.20	71.37
Nonroad	91.81	70.01
Onroad	22.80	71.23
Point	57.95	141.46
<b>Total Area</b>	<b>373.76</b>	<b>354.07</b>

Table 5 shows VOC and NO<sub>x</sub> emission totals for all sectors for the 2014 attainment-year and 2030 maintenance-year for Lake and Porter counties, IN, while Table 6 shows emissions for all sectors for the entire Chicago-Gary-Lake County, IL-IN maintenance area.

**Table 5**  
**Change in Typical Summer Day Volatile Organic Compound (VOC) and Nitrogen Oxide (NO<sub>x</sub>) Emissions for Lake and Porter counties, IN between 2014 and 2030 (tons per day)**

Source Category	VOC Emissions			NO <sub>x</sub> Emissions		
	2014	2030	Net Change (2014-2030)	2014	2030	Net Change (2014-2030)
Nonpoint	20.00	15.88	-4.12	12.52	5.38	-7.14
Nonroad	18.08	8.81	-9.27	15.66	9.73	-5.93
Onroad	11.59	3.12	-8.47	28.05	6.73	-21.32
Point	12.99	17.61	4.62	71.24	67.99	-3.25
<b>Total Area</b>	<b>62.66</b>	<b>45.42</b>	<b>-17.24</b>	<b>127.47</b>	<b>89.83</b>	<b>-37.64</b>

**Table 6**  
**Change in Typical Summer Day Volatile Organic Compound (VOC) and Nitrogen Oxide (NO<sub>x</sub>) Emissions for the entire Chicago-Gary-Lake County, IL-IN Maintenance Area between 2014 and 2030 (tons per day)**

Source Category	VOC Emissions			NO <sub>x</sub> Emissions		
	2014	2030	Net Change (2014-2030)	2014	2030	Net Change (2014-2030)
Nonpoint	225.47	201.20	-24.27	97.50	71.37	-26.13
Nonroad	94.43	91.81	-2.62	96.73	70.01	-26.72
Onroad	129.41	22.80	-106.61	258.94	71.23	-187.71
Point	51.33	57.95	6.62	146.39	141.46	-4.93
<b>Total Area</b>	<b>500.64</b>	<b>373.76</b>	<b>-126.88</b>	<b>599.57</b>	<b>354.07</b>	<b>-245.49</b>

The maintenance demonstration for Lake and Porter counties, IN shows maintenance of the 1997 ozone standard in Lake and Porter counties, along with the remaining portion of the Chicago-Gary-Lake County, IL-IN maintenance area, by providing emissions information to support the demonstration that future emissions of VOC and NO<sub>x</sub> will remain at or below 2014 emission levels when taking into account both future source growth and implementation of future controls. Table 5 shows that VOC and NO<sub>x</sub> emissions in Lake and Porter counties, IN are projected to decrease by approximately 17 tons per day for VOC and 38 tons per day for NO<sub>x</sub> respectively, between 2014 and 2030. Table 6 shows VOC and NO<sub>x</sub> emissions in the entire Chicago-Gary-Lake County, IL-IN area are projected to decrease by approximately 127 tons per day for VOC and 246 tons per day for NO<sub>x</sub> respectively, between 2014 and 2030. The decrease in VOC and NO<sub>x</sub> emissions shown between 2014 (attainment-year) and 2030 (maintenance-

year) in Tables 5 and 6 illustrates the continued maintenance of the 1997 8-hour ozone NAAQS is expected in Lake and Porter counties, as well as the entire Chicago-Gary-Lake County, IL-IN maintenance area.

### *Continued Air Quality Monitoring*

Indiana commits to continue to operate an approved ozone monitoring network in Lake and Porter counties for the Indiana portion of the Chicago-Gary-Lake County, IL-IN maintenance area. Indiana commits to consult with U.S. EPA prior to making changes to the existing monitoring network should changes become necessary in the future. Indiana remains obligated to meet monitoring requirements and continue to quality assure monitoring data in accordance with 40 CFR part 58, and to enter all data in the Air Quality System (AQS) in accordance with Federal guidelines.

### *Verification of Continued Attainment*

Indiana has the legal authority to enforce and implement the requirements of the maintenance plan for Lake and Porter counties, IN. This includes the authority to adopt, implement, and enforce any subsequent emission control measures determined to be necessary to correct future ozone attainment problems.

Verification of continued attainment is accomplished through operation of the ambient ozone monitoring network and the periodic update of the area's emissions inventory. Indiana will continue to operate an approved ozone monitoring network in Lake and Porter counties.

In addition, to track future levels of emissions, Indiana will continue to develop and submit to U.S. EPA updated emission inventories for all source categories at least once every three years, consistent with the requirements of 40 CFR part 51, subpart A, and in 40 CFR 51.122. The Consolidated Emissions Reporting Rule (CERR) was promulgated by U.S. EPA on June 10, 2002 (67 FR 39602). The CERR was replaced by the Annual Emissions Reporting Requirements (AERR) on December 17, 2008 (73 FR 76539). Indiana has an Emission Reporting Rule, 326 Indiana Administrative Code (IAC) 2-6, requiring certain sources, based on potential-to-emit emissions and location, to report emissions annually or once every three years.

### *Contingency Plan*

Indiana hereby commits to adopt and implement expeditiously necessary corrective actions in the following circumstances:

## Warning Level Response

A Warning Level Response shall be prompted whenever an annual (1-year) fourth high monitored value of 0.089 ppm occurs in a single ozone season, or a two (2)-year average fourth high monitored value of 0.085 ppm or greater occurs within the maintenance area. A Warning Level Response will consist of a study to determine whether the ozone value indicates a trend toward higher ozone values or whether emissions appear to be increasing. The study will evaluate whether the trend, if any, is likely to continue and, if so, the control measures necessary to reverse the trend taking into consideration ease and timing for implementation, as well as economic and social considerations. The study, including the applicable recommended next steps, shall be completed within 12 months from the close of the most recent ozone season.

Should it be determined through the Warning Level study that action is necessary to reverse the noted trend, the procedures for control selection and implementation outlined under “Action Level Response” shall be followed.

## Action Level Response

An Action Level Response shall be prompted whenever a three (3)-year average fourth high monitored value of 85 ppb or greater occurs within the maintenance area. In the event that the Action Level is triggered and is not due to an exceptional event, malfunction, or noncompliance with a permit condition or rule requirement, IDEM will determine additional control measures needed to assure future attainment of NAAQS for ozone. In this case, measures that can be implemented in a short time will be selected in order to be in place within eighteen (18) months from the close of the ozone season that prompted the Action Level.

## Control Measure Selection and Implementation

Adoption of any additional control measures is subject to the necessary administrative and legal process. This process will include publication of notices, an opportunity for public hearing, and other measures required by Indiana law for rulemaking by state environmental boards.

If a new measure/control is already promulgated and scheduled to be implemented at the federal or state level, and that measure/control is determined to be sufficient to address the upward trend in air quality, additional local measures may be unnecessary. IDEM will submit to U.S. EPA an analysis to demonstrate the proposed measures are adequate to return the area to attainment.

## Contingency Measures

Contingency measures to be considered will be selected from a comprehensive list of measures deemed appropriate and effective at the time the selection is made. Listed below are example measures that may be considered. The selection of measures will

be based upon cost-effectiveness, emission reduction potential, economic and social considerations or other factors that IDEM deems appropriate. IDEM will solicit input from all interested and affected persons in the maintenance area prior to selecting appropriate contingency measures.

All of the listed contingency measures are potentially effective or proven methods of obtaining significant reductions of ozone precursor emissions. Because it is not possible at this time to determine what control measure will be appropriate at an unspecified time in the future, the list of contingency measures outlined below is not comprehensive. Indiana anticipates that only a few of these measures will be required.

- 1.) Enhancements to the vehicle emissions testing program (increased weight limit, addition of diesel vehicles, etc.)
- 2.) Asphalt paving (lower VOC formulation)
- 3.) Diesel exhaust retrofits
- 4.) Traffic flow improvements
- 5.) Idle reduction programs
- 6.) Portable fuel container regulation (statewide)
- 7.) Park and ride facilities
- 8.) Rideshare/carpool program
- 9.) VOC cap/trade program for major stationary sources
- 10.) NOx Reasonably Available Control Technology.

No contingency measure shall be implemented without providing the opportunity for full public participation during which the relative costs and benefits of individual measures, at the time they are under consideration, can be fully evaluated.

### **Transportation Conformity**

Transportation conformity is required by section 176(c) of the CAA. Conformity to a SIP means that transportation activities will not produce new air quality violations, worsen existing violations, or delay timely attainment of the NAAQS (CAA 176(c)(1)(B)). The EPA's conformity rule at 40 CFR part 93 requires that transportation plans, programs and projects conform to SIPs and establish the criteria and procedures for determining whether they conform. The conformity rule generally requires a demonstration that emissions from the Regional Transportation Plan (RTP) and the Transportation Improvement Program (TIP) are consistent with the motor vehicle emissions budget

(MVEB) contained in the control strategy SIP revision or maintenance plan (40 CFR 93.101, 93.118, and 93.124). A MVEB is defined as “that portion of the total allowable emissions defined in the submitted or approved control strategy implementation plan revision or maintenance plan for a certain date for the purpose of meeting reasonable further progress milestones or demonstrating attainment or maintenance of the NAAQS, for any criteria pollutant or its precursors, allocated to highway and transit vehicle use and emissions (40 CFR 93.101).

However, the South Coast II court decision upheld EPA’s revocation of the 1997 ozone NAAQS, which was effective on April 6, 2015. EPA’s current transportation conformity regulation requires a regional emissions analysis only during the time period beginning one year after a nonattainment designation for a particular NAAQS until the effective date of revocation of that NAAQS (40 CFR 93.109(c)). Therefore, pursuant to the conformity regulation, a regional emissions analysis using MVEBs is not required for conformity determinations for the 1997 ozone NAAQS because that NAAQS has been revoked (80 FR 12264). As no regional emissions analysis is required for the Chicago-Gary-Lake, IL-IN area, transportation conformity for the 1997 ozone NAAQS can be demonstrated by an MPO and DOT for transportation plans and TIPs by showing that the remaining criteria contained in Table 1 in 40 CFR 93.109, and 40 CFR 93.108 have been met.

# **PUBLIC PARTICIPATION DOCUMENTATION**

Full Maintenance Plan Update for the Indiana Portion  
of the Chicago-Gary-Lake, Illinois-Indiana (IL-IN)  
1997 8-Hour Ozone Area

## **LEGAL NOTICE OF PUBLIC HEARING**

### **Draft Full Maintenance Plan Update for the Indiana Portion of the Chicago-Gary-Lake, IL-IN, 1997 8-Hour Ozone Area**

#### **Lake and Porter Counties, Indiana**

**Note: Legal notices for public hearings are no longer published in newspapers, but can be found on the Indiana Department of Environmental Management's web site at:**

**<https://www.in.gov/idem/5474.htm>**

Notice is hereby given under 40 Code of Federal Regulations (CFR) 51.102 that the Indiana Department of Environmental Management (IDEM) is accepting written comment and providing an opportunity for a public hearing regarding the *Draft Full Maintenance Plan Update for the Indiana Portion of the Chicago-Gary-Lake, IL-IN, 1997 8-Hour Ozone Area* comprised of Lake and Porter Counties, Indiana. All interested persons are invited and will be given reasonable opportunity to express their views concerning this Draft Full Maintenance Plan Update.

Effective June 15, 2004, United States Environmental Protection Agency (U.S. EPA) designated Lake and Porter counties, as nonattainment under the 1997 8-hour ozone National Ambient Air Quality Standard (NAAQS). Lake and Porter counties were redesignated to attainment on April 22, 2010, effective May 11, 2010 (75 FR 26113). As part of the redesignation action, Indiana adopted and U.S. EPA approved a maintenance plan for the area which demonstrated continued attainment of the 1997 8-hour ozone standard at least ten years after redesignation.

Under Section 175A(b) of the Clean Air Act, states must submit a revision to the first maintenance plan eight years after redesignation to provide for maintenance of the NAAQS for an additional ten years following the end of the first ten-year period (i.e. May 11, 2030).

Copies of the Draft Full Maintenance Plan Update will be available on or before May 2, 2019 to any person upon request at the following locations:

- Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center North, 100 North Senate Avenue, Room N1003, Indianapolis, Indiana 46204.
- Indiana Department of Environmental Management, Northwest Regional Office, 330 West U.S. Highway 30, Suite F, Valparaiso, Indiana 46385.
- Crown Point Community Library, 122 North Main Street, Crown Point, Indiana 46307.

- Du Bois Library, 1835 Broadway, Gary, Indiana 46407.
- Hammond Public Library, 564 State Street, Hammond, Indiana 46320.
- Lake County Public Library-Highland Branch, 2841 Jewett Avenue, Highland, Indiana 46322.
- Lake Station-New Chicago Branch Public Library, 2007 Central Avenue, Lake Station, Indiana 46405.
- Valparaiso Public Library, 103 Jefferson Street, Valparaiso, Indiana 46383.
- Whiting Public Library, 1735 Oliver Street, Whiting, Indiana 46394.

The draft documents will also be available on the following web pages:

<https://www.in.gov/idem/airquality/2440.htm>  
<https://www.in.gov/idem/airquality/2392.htm>

Any person may submit written comments on the *Draft Full Maintenance Plan Update for the Indiana Portion of the Chicago-Gary-Lake, IL-IN, 1997 8-Hour Ozone Area*. Written comments should be directed to: Ms. Leslie Ferguson, Indiana Department of Environmental Management, Office of Air Quality, Room 1003, 100 North Senate Avenue, Indianapolis, IN 46204. Comments can also be submitted via fax (317) 233-5967 or email at [lferguso@idem.in.gov](mailto:lferguso@idem.in.gov). Comments must be submitted by June 3, 2019. Interested parties may also present oral or written comments at the public hearing, if held. Oral statements will be heard, but for the accuracy of the record, statements should be submitted in writing. Written statements may be submitted to the attendant designated to receive written comments at the public hearing.

A public hearing on the *Draft Full Maintenance Plan Update for the Indiana Portion of the Chicago-Gary-Lake, IL-IN, 1997 8-Hour Ozone Area* will be held if a request is received by June 3, 2019. If a hearing is requested, the hearing will be held on June 6, 2019, and the comment period will be extended to June 13, 2019. The hearing will convene at 6:00 p.m. local time in the Lake Station-New Chicago Branch Public Library located at 2007 Central Avenue, Lake Station, IN 46405. If a request for a public hearing is not received by June 3, 2019, the hearing will be cancelled. Interested parties can check the online IDEM calendar at <http://calendar.in.gov/site/idem> or contact Ms. Leslie Ferguson at (317) 233-1179, after June 3, 2019, to see if the hearing has been cancelled or will convene.

If a hearing is held, a transcript of the hearing and all written submissions provided at the public hearing shall be open to public inspection at IDEM and copies may be made available to any person upon payment of reproduction

costs. Any person heard or represented at the hearing or requesting notice shall be given written notice of actions resulting from the hearing.

For additional information contact Ms. Leslie Ferguson, at the Indiana Department of Environmental Management, Office of Air Quality, Room N1003, Indiana Government Center North, 100 North Senate Avenue, Indianapolis, IN 46204 or call (317) 233-1179 or (800) 451-6027 ext. 3-1179 (in Indiana).

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*Speech and hearing impaired callers may contact the agency via the Indiana Relay Service at 1-800-743-3333. Individuals requiring reasonable accommodations for participation in this hearing should contact the IDEM Americans with Disabilities Act (ADA) coordinator at: Attn: ADA Coordinator, Indiana Department of Environmental Management – Mail Code 50-10, 100 North Senate Avenue, Indianapolis, IN 46204-2251, or call (317) 233-1785 (voice) or (317) 233-6565 (TDD). Please provide a minimum of 72 hours notification.*



## INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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**Eric J. Holcomb**  
Governor

**Bruno L. Pigott**  
Commissioner

April 30, 2019

### CERTIFICATE OF PUBLICATION

This is to certify that the Indiana Department of Environmental Management (IDEM) Notice of the opportunity for a Public Hearing regarding the following:

- Draft Full Maintenance Plan Update for the Indiana Portion of the Chicago-Gary-Lake, IL-IN, 1997 8-Hour Ozone Area, (May, 2019)

was published on IDEM's web site on April 30, 2019. It is expected that it will remain posted on the site until at least June 1, 2019.

The notice in full was available online at the following web address, under "Northwest Indiana/Multi-County Notices":

<http://www.in.gov/idem/5474.htm>

The draft document was posted online April 29, 2019 at the following web address:

<https://www.in.gov/idem/airquality/2440.htm>

Web publication of the notice was at the request of Scott Deloney, Branch Chief, Programs Branch, Office of Air Quality, IDEM.

By:

Mike Finklestein  
IDEM Webmaster

Attachments:

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Wisconsin (IL-IN-WI) 2008 8-Hour Ozone Nonattainment Area [PDF]

- [Appendix A \[PDF\]](#)
- [Appendix B \[PDF\]](#)
- [Appendix C \[PDF\]](#)
- [Appendix D \[PDF\]](#)
- [Appendix E \[PDF\]](#)
- [Appendix F \[PDF\]](#)
  - [Attachment 1 \[PDF\]](#)
  - [Attachment 2 \[PDF\]](#)
- [Appendix G \[PDF\]](#)
- [Appendix H \[PDF\]](#)

• [U.S. EPA's Disapproval of the Redesignation Request and Maintenance Plan for Lake and Porter Counties, Indiana, January 9, 2015](#)

• [Indiana's Response to U.S. EPA's Proposed Disapproval of the Request and Maintenance Plan for Lake and Porter Counties, Indiana \(July 29, 2014\) \[PDF\]](#)

• [U.S. EPA's Proposed Disapproval of the Redesignation Request and Maintenance Plan for Lake and Porter Counties, Indiana \(June 30, 2014\)](#)

• [Request for Redesignation Petition and Maintenance Plan Under the National Ambient Air Quality Standards for Ozone, Lake and Porter Counties, Indiana, December 5, 2012 \[PDF\]](#)


- [Appendix A \[PDF\]](#)
- [Appendix B \[PDF\]](#)
- [Appendix C \[PDF\]](#)
- [Appendix D \[PDF\]](#)
- [Appendix E \[PDF\]](#)

**1997 8-hour Ozone Standard**

- [Draft Full Maintenance Plan Update for the Indiana Portion of the Chicago-Gary-Lake, IL-IN, 1997 8-Hour Ozone Area \(May 2019\) \[PDF\]](#)
- [Approval and Promulgation of Lake and Porter Counties 8-Hour Ozone State Implementation Plans effective May 11, 2010](#)
- [Lake and Porter Counties 8-Hour Ozone Redesignation Request and Maintenance Plan Technical Addendum \(July 20, 2009\) \[PDF\]](#)
  - [Attachment: LADCO TSD Supplement without CAIR modelling \[PDF\]](#)
    - [TSD Supplement Appendix I \[PDF\]](#)
    - [TSD Supplement Appendix II \[PDF\]](#)
- [U.S. EPA Cover Letter \(June 5, 2009\) \[PDF\]](#)
- [Final Lake and Porter Counties 8-Hour Ozone Redesignation Request and Maintenance Plan \[DOC\]](#)
  - [Appendix D \[PDF\]](#)
- [Final Lake and Porter Counties 8-Hour Ozone Reasonably Available Control Technology \(RACT\) Cover Page \[PDF\]](#)
  - [LSA Document #09-220](#)
  - [LSA Document #09-221](#)
  - [LSA Document #09-222](#)

**Date and Time**

Date and Time Additional Clocks



Date: Monday, April 29, 2019

Time: 3:14:21 PM

[Change date and time...](#)

Time zone: (UTC-05:00) Eastern Time (US & Canada)

[Change time zone...](#)

Daylight Saving Time ends on Sunday, November 03, 2019 at 2:00 AM. The clock is set to go back 1 hour at that time.

☒ Notify me when the clock changes

[Get more time zone information online](#)

[How do I set the clock and time zone?](#)

OK Cancel Apply

Effective  
Standard  
Standard  
Lake and

3:14 PM  
4/29/2019

## Northwest Indiana

### Public Notices: Northwestern Region

Name or Facility	Type of Notice/Event	Publication Dates	Public Comment?	Additional Information
<b>Multi-County Notices</b>				
Draft Full Maintenance Plan Update for the Indiana Portion of the Chicago-Gary-Lake, IL-IN, 1997 8-Hour Ozone Area	Legal Notice and Opportunity for Public Hearing [PDF]	05/02/2019 - 06/01/2019	Yes	Counties: Lake and Porter Project Manager: Leslie Ferguson Additional information is available under "Lake and Porter Counties" on the IDEM Air Quality in Indiana: Redesignations and Maintenance Plans, 8-Hour Ozone page
Cargill Inc.	Land Application [PDF]			Counties: Jasper, Lake, LaPorte, Newton, Porter, Starke Project Manager: Brenda Stephanoff Applicant Company: Cargill Inc. Permit Number: IN LA 000364
Elden Kuehl Pollution Control Facility	Land Application [PDF]			Counties: Jasper, Lake, Porter, Pulaski Project Manager: Brenda Stephanoff Applicant Company: City of Valparaiso Permit Number: IN LA 000049
Elanco Clinton Laboratories	Land Application [PDF]			Counties: Benton, Carroll, Clinton, Fountain, Montgomery, Newton, Parke, Pulaski, Tippecanoe, Vermillion, Vigo, Warren Project Manager: Kate Garvey Applicant Company: ELANCO US Inc. Permit Number: IN LA 000573

