Attachment B

Volatile Organic Compounds (VOCs)
Reasonably Available Control
Technology (RACT)

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Certification of Volatile Organic Compounds (VOCs) Reasonably Available Control Technology (RACT) in Lake and Porter Counties, Indiana

This submittal is intended to fulfill the plan provisions for reasonably available control technology (RACT) for volatile organic compounds (VOCs) of Clean Air Act (CAA) Section 182(b)(2) for the 2008 8-hour ozone National Ambient Air Quality Standard (NAAQS).

Section 182(b)(2) of the CAA requires a demonstration that the state has adopted all reasonable and available control measures to demonstrate attainment as expeditiously as practicable and that no additional measures that are reasonably available will advance the attainment date.

Indiana certifies that the Negative Declaration for the Control Techniques Guidelines (CTGs) for Fiberglass Boat Manufacturing Materials, submitted June 5, 2009[1], and approved by United States Environmental Protection Agency (U.S. EPA) on February 24, 2010, is still up to date.

Indiana also certifies that the Negative Declaration for the Oil and Natural Gas Industry CTGs submitted October 25, 2018[2], and approved by U.S. EPA on December 13, 2019, is still up to date.

As such, Indiana's existing VOC rules found in 326 Indiana Administrative Code (IAC) 8[3] satisfies Indiana's obligation under Section 182(b)(2) of the CAA for Lake and Porter counties classified as serious under the 2008 8-hour ozone NAAQS.

Indiana's VOC RACT demonstration under the moderate classification was fully approved by U.S. EPA on February 13, 2019, effective March 15, 2019.[4]

[1] https://www.in.gov/idem/airquality/files/lakeporter_ozone_2008_attachment_b.pdf
[2] https://www.in.gov/idem/airquality/files/lakeporter_ozone_2008_ract_sip_revision_declaration.pdf
[3] http://iac.iga.in.gov/iac//iac_title?iact=326
[4] https://www.in.gov/idem/airquality/files/lakeporter_ozone_2008_progress_plan_approval.pdf

Applicable Indiana 326-IAC Article 8 - Volatile Organic Compound Rules for Control Technique Guidelines (CTGs) and Alternative Control Technique Guidelines (ACTs)

U.S. Environmental Protection Agency (U.S. EPA) CTGs and ACTs	Applicable Indiana Regulation	Federal Register (FR) Approval of Indiana Regulation
EPA 453/B-16-001 2016/10 Control Techniques Guidelines for the Oil and Natural Gas Industry (PDF 343 pp, 2MB)	Negative Declaration Letter 10/25/2018	**84 FR 68050** Published: 12/13/2019 Effective: 01/13/2020
EPA 453/R-08-004 2008/09 Control Techniques Guidelines for Fiberglass Boat Manufacturing Materials (PDF 41 pp, 336KB)	Negative Declaration Letter 06/05/2009	**75 FR 8246** Published: 02/24/2010 Effective: 03/26/2010
EPA 453/R-08-006 2008/09 Control Techniques Guidelines for Automobile and Light-Duty Truck Assembly Coatings (PDF 44 pp, 2.64MB) *And* EPA 453/R-08-002 2008/09 Protocol for Determining the Daily Volatile Organic Compound Emission Rate of Automobile and Light-Duty Truck Primer-Surfacer and Topcoat Operations (PDF 129 pp, 450KB)	326 IAC 8-2-2 Automobile and Light Duty Truck Coating Operations	
EPA 453/R-07-003 2007/09 Control Techniques Guidelines for Paper, Film, and Foil Coatings (PDF 102 pp, 488KB)	326 IAC 8-2-5 Paper Coating Operations	
EPA 453/R-07-005 2007/09 Control Techniques Guidelines for Metal Furniture Coatings (PDF 100 pp, 293KB)	326 IAC 8-2-6 Metal Furniture Coating Operations	
EPA 453/R-07-004 2007/09 Control Techniques Guidelines for Large Appliance Coatings (PDF 44 pp, 374KB)	326 IAC 8-2-7 Large Appliance Coating Operations	

EPA 453/R-08-003 2008/09 Control Techniques Guidelines for Miscellaneous Metal and Plastic Parts Coatings (PDF 144 pp, 897KB)	326 IAC 8-2-9 Miscellaneous Metal and Plastic Parts Coating Operations	**75 FR 8246** Published: 02/24/10 Effective: 03/26/10 *Revision:***76 FR 63549** Published: 10/13/2011 Effective: 12/12/2011
EPA-453/R-06-004 2006/09 Control Techniques Guidelines for Flat Wood Paneling Coatings (PDF 27 pp, 212KB)	326 IAC 8-2-10 Flat Wood Panels; Manufacturing Operations	**75 FR 8246** Published: 02/24/10 Effective: 03/26/10
EPA-453/R-06-003 2006/09 Control Techniques Guidelines for Flexible Package Printing (PDF 33 pp, 216KB)	326 IAC 8-5-5 Graphic Arts *And* Graphic Arts Operations	**63 FR 35141** Published: 06/29/1998 Effective: 08/28/1998 *And* **75 FR 8246** Published: 02/24/10 Effective: 03/26/10
Non-CTG	326 IAC 8-7 Specific VOC Reduction Requirements for Lake, Porter, Clark, and Floyd Counties	**60 FR 34856** Published: 07/05/1995 Effective: 09/05/1995
EPA-453/R-06-002 2006/09 Control Techniques Guidelines for Offset Lithographic Printing and Letterpress Printing (PDF 52 pp, 349KB)	326 IAC 8-16 Offset Lithographic Printing and Letterpress Printing	**75 FR 8246** Published: 02/24/2010 Effective: 03/26/2010
EPA-453/R-06-001 2006/09 Control Techniques Guidelines for Industrial Cleaning Solvents (PDF 290 pp, 7.6MB)	326 IAC 8-17 Industrial Solvent Cleaning Operations	
EPA-450/3-84-015 1984/12 Control of Volatile Organic Compound Emissions from Air Oxidation Processes in Synthetic Organic Chemical Manufacturing Industry (PDF 259 pp, 9.4MB) *And* EPA-450/4-91-031 1993/08 Control of Volatile Organic Compound Emissions from Reactor Processes and Distillation Operations in Synthetic Organic Chemical Manufacturing Industry (PDF 277 pp, 8.7MB)	326 IAC 8-18 Synthetic Organic Chemical Manufacturing Industry Air Oxidation, Distillation, and Reactor Processes	

EPA-453/R-93-020 1994/02 Control of Volatile Organic Compound Emissions from Batch Processes ACT (PDF 377 pp, 11.9MB) *Note – Document also released under the Report ID of EPA-453/R-93-017.*	326 IAC 8-19 Control of Volatile Organic Compound Emissions From Process Vents in Batch Operations	
EPA-453/D-93-056 1992/09 Control of Volatile Organic Compound Emissions from Industrial Wastewater CTG (draft) (PDF 234 pp, 9.4MB) *Note – CTG not finalized but issued as ACT in 1994.* (No Report ID) 1994/04 Industrial Wastewater Alternative Control Technology (PDF 266 pp, 9.5MB) *Note – ACT consists of cover memo with option tables + CTG (draft) EPA-453/D-93-056.*	326 IAC 8-20 Industrial Wastewater	*Cont.*
59 FR-29216 6/06/94 1994/06 Aerospace MACT (PDF 37 pp, 5.6MB) *And* EPA-453/R-97-004 1997/12 Aerospace (CTG & MACT) (PDF 62 pp, 288KB)	326 IAC 8-21 Aerospace Manufacturing and Rework Operations	
EPA 453/R-08-005 2008/09 Control Techniques Guidelines for Miscellaneous Industrial Adhesives (PDF 47 pp, 350KB)	326 IAC 8-22 Miscellaneous Industrial Adhesives	

Attachment C

2020 Nine Percent (9%) Rate of Progress and Three Percent (3%) Contingency Plan

Lake and Porter Counties, Indiana

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2020 Nine Percent (9%) Rate of Progress Plan and Three Percent (3%) Contingency Plan for Indiana's Portion of the Chicago-Naperville, IL-IN-WI, 2008 8-Hour Ozone Nonattainment Area

Lake and Porter Counties, Indiana

Prepared By:
The Indiana Department of Environmental Management

December 2020

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2020 NINE PERCENT (9%) RATE OF PROGRESS PLAN AND THREE PERCENT (3%) CONTINGENCY PLAN FOR INDIANA'S PORTION OF THE CHICAGO-NAPERVILLE, IL-IN-WI, 2008 8-HOUR OZONE NONATTAINMENT AREA

Lake and Porter Counties, Indiana

1.0 INTRODUCTION

Lake County and Porter County, Indiana, are part of the Chicago-Naperville, IL-IN-WI 2008 8-hour ozone nonattainment area (Chicago nonattainment area). On June 11, 2012, effective July 20, 2012, United States Environmental Protection Agency (U.S. EPA) designated this entire area as nonattainment in 40 CFR 81.315 and classified it as "marginal" under Subpart 2 of Part D, Title I of the Clean Air Act (CAA) (77 FR 34221). This classification provided three years for the area to attain the standard establishing an attainment date of July 20, 2015.

On May 4, 2016, effective June 3, 2016, due to failing to meet the attainment date, the Chicago nonattainment area was re-classified from "marginal" to "moderate" (81 FR 26697). This final rule established a new attainment date of July 20, 2018. Section 182(b)(1) of the CAA, and the final implementation rule titled *Implementation of the 2008 National Ambient Air Quality Standard for Ozone State Implementation Plan Requirements* (80 FR 12264, March 6, 2015), require areas classified moderate or above to develop a plan to demonstrate emission reductions of volatile organic compounds (VOCs) in the amount of fifteen percent from the baseline year of 2011, as well as a plan for an additional three percent as a contingency in the event that the area fails to meet the standard by the revised attainment date. This requirement has been fulfilled with Indiana's 2017 Fifteen Percent (15%) Rate of Progress (ROP) and Three Percent (3%) Contingency Plans for the moderate area classification approved by U.S. EPA on February 13, 2019, effective March 15, 2019, (84 FR 3711).[1]

On August 23, 2019, effective September 23, 2019 (84 FR 44238), due to failing to meet the attainment date, the Chicago nonattainment area was re-classified from "moderate" to "serious". This final rule aligned a new attainment date of July 20, 2021.

As required by Section 182(c)(2)(B), Indiana has developed a 2020 Nine Percent (9%) ROP and Three (3%) Contingency Plan that demonstrates Lake and Porter counties will achieve an average emission reduction of three percent per year after the first six years of the attainment planning period through the attainment date (2018 – 2020), plus an additional 3% contingency reduction through one year beyond the attainment year, i.e. 2021. In total, this requires a demonstration that Lake and Porter counties will achieve a reduction of VOC emissions of at least 12% from 2018 to 2021.

[1] https://www.govinfo.gov/content/pkg/FR-2019-02-13/pdf/2019-02212.pdf

These plans, which Indiana has prepared only for Indiana's portion of the Chicago nonattainment area, are referred to as the 2020 Nine Percent (9%) Rate of Progress and Three Percent (3%) Contingency Plans. In combination with existing ROP plans, these plans demonstrate an overall 27 percent emissions reduction from 2011 to 2021.

2.0 VOC AND NITROGEN OXIDE (NO_x) EMISSIONS TRENDS

As shown in the following tables, VOC and NO_x emissions are estimated to decline in Lake and Porter counties from 2011 to 2020.

In consultation with U.S. EPA, Indiana has developed an emissions inventory that represents a comprehensive, accurate, and current inventory of emissions from all sources of NO_x and VOCs in Lake and Porter counties. Point source (EGU and non-EGU), non-point, and non-road emissions were compiled from the data available on U.S. EPA's Emissions Modeling Clearinghouse website for the Chicago nonattainment area.[2] Indiana used the 2011v6.3 emissions modeling platform from the National Emissions Inventory Collaborative that includes a full suite of base year (2011) and projection year (2023) inventories, ancillary emission data, and scripts and software for preparing the emissions for air quality modeling. These remaining sectors (EGU, non-EGU, and non-point) were interpolated between 2011 and 2023.

On-road values for Lake and Porter counties in 2020 were produced by U.S. EPA's 2014a version of the MOVES software program by the Northwestern Indiana Planning Commission (NIRPC) (Appendix A3). Emission rates for 2017 were interpolated from the 2015 and 2020 runs using specs specific to 2017.

VOCs for all Source Sectors from 2011-2020 in Tons/Summer-day (tpsd)

Sector	2011	2017	2020	Difference (2011-2020)	Difference (2017-2020)
EGU	0.54	0.36	0.26	-0.28	-0.10
Non-Point	18.26	18.75	19.00	0.74	0.25
Non-Road	21.43	16.40	13.87	-7.56	-2.53
On-Road	9.58	8.03	6.18	-3.40	-1.85
Point	17.22	18.22	18.72	1.50	0.50
Total	**67.03**	**61.75**	**58.04**	**-9.00**	**-3.71**
Percent Reduction				**-13.43**	**-6.01**

[2] https://www.epa.gov/air-emissions-modeling/2011-version-63-platform

NO_x for all Source Sectors from 2011-2020 in Tons/Summer-day (tpsd)

Sector	2011	2017	2020	Difference (2011-2020)	Difference (2017-2020)
EGU	24.04	12.36	6.53	-17.51	-5.83
Non-Point	9.39	9.12	8.99	-0.40	-0.13
Non-Road	15.84	13.76	12.73	-3.11	-1.03
On-Road	24.70	18.77	13.01	-11.69	-5.43
Point	70.77	74.83	76.86	6.09	2.03
Total	**144.75**	**128.86**	**118.12**	**-26.62**	**-10.74**
Percent Reduction				**-18.39**	**-6.01**

3.0 2020 NINE PERCENT (9%) ROP and THREE (3%) CONTINGENCY PLAN

In order to demonstrate a 9% emissions reduction and 3% contingency, only detailed emissions reductions from existing control regulations have been used. Both VOC and NO_x reductions are needed to meet the RFP reduction targets. NO_x substitution is used on a percentage basis to cover any percentage shortfall in VOC emission reductions.

U.S. EPA guidance is to factor the 3% contingency through one year beyond the attainment year, i.e. 2021. However, demonstrating the 3% contingency through the year 2020 is a more conservative analysis. Thus, this analysis demonstrates a 12% rate of progress reduction by the end of 2020.

Demonstration ROP and Contingency Measure Reduction Requirements (tpsd)

Description	Formula	VOCs	NO_x
A. 2011 RFP Base Year Inventory		67.03	144.75
B. RFP Reductions Totaling 15%		6.5%	8.5%
C. RFP Reductions required between 2011 & 2017	A*B	4.36	12.30
D. RFP Target Level for 2017	A-C	62.68	132.45

E. 2017 Projected Emissions		61.75	128.86
F. Compare RFP with 2017 Projected Emissions to Determine if RFP and Contingency Measure Requirements are Met	E<D?	Yes	Yes
G. Total Surplus Reductions (for 2017)	D-E	0.93	3.59
H. RFP Reductions Totaling 9%		3.0%	6.0%
I. RFP Reductions required between 2017 & 2020	A*H	2.01	8.69
J. RFP Target Level for 2020	D-I	60.67	123.76
K. Contingency Percentage Totaling 3%		1.0%	2.0%
L. Contingency Emission Reduction Requirements	A*K	0.67	2.90
M. RFP + Contingency Target Level	D-I-L	60.00	120.86
N. 2020 Projected Emissions (2020 RFP & Contingency Inventory)		58.04	118.12
O. Compare RFP & Contingency Target with 2020 Projected Emissions to Determine if RFP and Contingency Measure Requirements are Met	N<M?	Yes	Yes
P. Total Surplus Reductions (for 2020)	M-N	1.96	2.74

4.0 EMISSION CONTROL MEASURES

VOC and NO_x emission reductions reflect existing rules and new rules such as the following:

On-road

- All on-road control programs finalized as of the date of the model run, including most recently:
- Tier-3 Vehicle Emissions and Fuel Standards Program: March, 2014

- 2017 and Later Model Year Light-Duty Vehicle Greenhouse Gas Emissions and Corporate Average Fuel Economy Standards: October, 2012
- Greenhouse Gas Emission Standards and Fuel Efficiency Standards for Medium- and Heavy-Duty Engines and Vehicles: September, 2011
- Regulation of Fuels and Fuel Additives: Modifications to Renewable Fuel Standard Program (RFS2): December, 2010
- Light-Duty Vehicle Greenhouse Gas Emission Standards and Corporate Average Fuel Economy Standards; Final Rule for Model-Year 2012-2016: May, 2010
- Final Mobile Source Air Toxics Rule (MSAT2): February, 2007

Non-road

- All non-road control programs finalized as of the date of the model run, including most recently:
- Emission Standards for New Non-road Spark-Ignition Engines, Equipment, and Vessels: October, 2008
- Growth and control to years 2017 and 2025 from Locomotives and Marine Compression-Ignition Engines Less than 30 Liters per Cylinder: March, 2008
- Clean Air Non-road Diesel Final Rule – Tier 4: May, 2004
- Growth and control to years 2017 and 2025 from Locomotives and Marine Compression-Ignition Engines Less than 30 Liters per Cylinder: March, 2008
- Category 3 marine diesel engines Clean Air Act and International Maritime Organization standards: April, 2010.

Non-EGU Point

- National Emission Standards for Hazardous Air Pollutants (NESHAP): Reciprocating Internal Combustion Engines (RICE) with reconsideration amendments
- New Source Performance Standards (NSPS): oil and gas
- NSPS: RICE
- NSPS: Gas turbines
- NSPS: Process heaters
- Industrial/Commercial/Institutional Boiler Maximum Achievable Control Technology (MACT) with Reconsideration Amendments

Nonpoint

- NESHAP: RICE with reconsideration amendments
- NSPS: oil and gas
- NSPS: RICE
- NSPS: Gas turbines
- NSPS: Process heaters
- Industrial/Commercial/Institutional Boiler MACT with Reconsideration Amendments

EGU

- Cross-State Air Pollution Rule (CSAPR)
- Cooling Water Intakes (316(b)) Rule
- Combustion Residuals from Electric Utilities (CCR).

5.0 CONCLUSION

As shown above, Indiana's 2020 Nine Percent (9%) ROP and Three (3%) Contingency Plan demonstrates Lake and Porter counties will achieve an average emission reduction of three percent per year after the first six years of the attainment planning period through the attainment date (2018 – 2020), plus an additional 3% contingency reduction through one year beyond the attainment year, i.e.2021. After being able to demonstrate that the area is meeting reduction requirements by achieving the required targets, additional reductions were not required. In total, this analysis demonstrates a 12% rate of progress reduction by the end of 2020.

These Plans in conjunction with the attainment demonstration satisfy Indiana's obligation under Sections 172 and 182 of the CAA to demonstrate how the area will attain the air quality standard for ozone by the attainment date and ensure that the area will continue to maintain compliance with the 2008 8-hour ozone standard with an adequate margin of safety over time.

Attachment D

Revised 2011 Base-Year
Emissions Inventory

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REVISED 2011 BASE-YEAR EMISSIONS INVENTORY FOR INDIANA'S PORTION OF THE CHICAGO-NAPERVILLE, ILLINOIS-INDIANA-WISCONSIN (IL-IN-WI), 2008 8-HOUR OZONE NONATTAINMENT AREA

Lake and Porter Counties, Indiana

Developed By:

The Indiana Department of Environmental Management

December 2020

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REVISED 2011 BASE-YEAR EMISSIONS INVENTORY FOR INDIANA'S PORTION OF THE CHICAGO-NAPERVILLE, ILLINOIS-INDIANA-WISCONSIN (IL-IN-WI), 2008 8-HOUR OZONE NONATTAINMENT AREA

LAKE AND PORTER COUNTIES, INDIANA

1.0 INTRODUCTION

Under Section 107(d)(1)(B) of the Clean Air Act (CAA), on August 23, 2019, effective September 23, 2019 (84 FR 44238), United States Environmental Protection Agency (U.S. EPA) reclassified Lake and Porter counties as serious nonattainment for the 2008 8-hour ozone NAAQS as a portion of the Chicago-Gary-Lake County, Illinois-Indiana (IL-IN) nonattainment area (40 Code of Federal Regulation 81.315).

Section 182(b)(1)(B) of the CAA requires states to develop a comprehensive, accurate, and current inventory of actual emissions from all sources in the nonattainment area, including periodic revisions as the Administrator may determine necessary to assure that the requirements for this part are met. U.S. EPA guidance requires the submittal of a comprehensive state implementation plan quality emissions inventory of ozone precursor emissions (i.e. oxides of nitrogen (NO_x) and volatile organic compounds (VOCs) representative of the base year.

On February 13, 2019, effective March 15, 2019 (84 FR 3711), Indiana fulfilled the requirement for a revised 2011 Base-Year Emissions Inventory for Indiana's portion of the nonattainment area (Lake and Porter counties) classified as moderate.[1] Upon review of this documentation, Indiana has determined that this inventory should be updated to the latest/most recent inventory available based on the 2011v6.3 platform (i.e. 2011en).

As such, this current up-to-date base-year emissions inventory satisfies Indiana's obligation under Section 182(b)(1)(B) of the CAA for the 2008 8-hour ozone standard for Lake and Porter counties classified as serious, as amended by the final ruled titled Implementation of the 2008 National Ambient Air Quality Standard for Ozone: State Implementation Plan Requirements (80 FR 12264, March 6, 2015), for the 2008 8-Hour Ozone NAAQS.

2.0 BASE-YEAR EMISSIONS INVENTORY

U.S. EPA's proposed 2008 ozone standard SIP requirements rule recommends states use 2011 as the base-year to fulfill the emission inventory requirements. The year 2011 is also a required reporting year for U.S. EPA's National Emissions Inventory (NEI) submission under the existing Air Emission Reporting Requirements Rule. NEIs are a collaborative process between U.S. EPA, states, localities, and tribes (S/L/T) to build a comprehensive national inventory.

[1] https://www.govinfo.gov/content/pkg/FR-2019-02-13/pdf/2019-02212.pdf

In consultation with U.S. EPA, the year 2011 was selected to fulfill the requirement of a base-year inventory. The Indiana Department of Environmental Management (IDEM) has prepared a comprehensive and accurate inventory of ozone precursor emissions (i.e. NO_x and VOCs) for Lake and Porter counties, Indiana, organized by anthropogenic source categories: electric-generating units (EGUs), non-EGUs, non-point (area), non-road, and on-road. IDEM's Office of Air Quality (OAQ) collects data, calculates, and stores emissions for point sources on an annual basis in the Emission Inventory Tracking System (EMITS). These point source emissions are uploaded to the NEI each year. Indiana used the 2011v6.3 emissions modeling platform from the National Emissions Inventory Collaborative that includes a full suite of base year (2011) and projection year (2023) inventories, ancillary emission data, and scripts and software for preparing the emissions for air quality modeling. These remaining sectors (EGU, non-EGU, and non-point) were interpolated between 2011 and 2023.

On-road values for Lake and Porter counties in 2020 were produced by U.S. EPA's 2014a version of the MOVES software program by the Northwestern Indiana Planning Commission (NIRPC) (Appendix A3). Emission rates for 2017 were interpolated from the 2015 and 2020 runs using specs specific to 2017.

2.1 Point (EGU and Non-EGU)

IDEM's Office of Air Quality (OAQ) collects data, calculates, and stores emissions for point sources on an annual basis in the Emission Inventory Tracking System (EMITS). These point source emissions are uploaded to the NEI each year using the Emission Inventory System (EIS) and feedback is provided to U.S. EPA on a variety of other estimates. Point source data was collected through Indiana's Emission Statement Program according to Title 326, Article 2, Rule 6 of the Indiana Administrative Code (326 IAC 2-6). All data is collated into the EMITS and submitted to U.S. EPA through the EIS Gateway. U.S. EPA has added to this inventory, incorporating data from various sources such as data submitted to the Clean Air Markets Database. Airport operations are handled as point sources in the database (see Section 3.42 of the "2011 Base-Year National Emissions Inventory, version 3 Technical Support Document".

2.2 Non-Point

Non-Point sources were developed by U.S. EPA with comments provided by the state, see inset from Section 2.2 U.S. EPA Non-Point data from the "2011 Base-Year National Emissions Inventory, version 3 Technical Support Document";

> For the 2011 NEI, U.S. EPA developed emission estimates for many Non-Point sectors in collaboration with a consortium of state and regional planning organizations called the Eastern Regional Technical Advisory Committee (ERTAC). This task is referred to by ERTAC as the "Area Source Comparability" project on the ERTAC website, and a subgroup was developed to work on this project. The purpose of the subgroup and project was to agree on methodologies, emission factors, and SCCs for a number of important Non-Point sectors, allowing U.S. EPA to prepare the emissions estimates for all states

using the group's final approaches. During the 2011 NEI inventory development cycle, S/L/T agencies could accept the ERTAC/EPA estimates to fulfill their Non-Point emissions reporting requirements. U.S. EPA encouraged S/L/T agencies that did not use U.S. EPA's estimates or tools to improve upon these "default" methodologies and submit further improved data.

Section 2, Stationary sources, in the "2011 Base-Year National Emissions Inventory, version 3 Technical Support Document" details the emission estimation methods, sources of data for inputs, where states provided input and how controls were taken into account.

2.3 Non-Road

Non-road sources were also developed by U.S. EPA using the National Mobile Inventory Model. See Section 2.4 of the "2011 Base-Year National Emissions Inventory, version 3 Technical Support Document" for more information on the inputs and the estimation techniques.

2.4 On-Road

On-road values for Lake and Porter counties in 2020 were produced by U.S. EPA's 2014a version of the MOVES software program by the Northwestern Indiana Planning Commission (NIRPC) (Appendix A3). Emission rates for 2017 were interpolated from the 2015 and 2020 runs using specs specific to 2017.

These estimates were used for the Emissions Inventory to align with the Conformity Inventories. See Attachment 2.

3.0 TEMPORAL ALLOCATION OF ANNUAL EMISSIONS

Indiana used U.S. EPA's temporal files found on the Emissions Modeling Clearinghouse to estimate the average ozone season day emissions following the guidance from the Greg Stella memo, "Temporal Allocation of Annual Emissions Using EMCH Temporal Profiles".[2]

3.1 Summary and Detailed Tables

The following tables show the differences between VOCs and NO_x in the two aforementioned 2011 base-year inventories for Lake and Porter counties. The inventories were pulled under different platforms – 2011v6.2 (approved in 2017) and 2011v6.3 (current version).

[2] https://www.epa.gov/sites/production/files/2016-09/documents/2011v6_3_2017_emismod_tsd_aug2016_final.pdff

Table 3.1 VOC Tons Ozone Season Day Emissions by Data Category

County	Data Category	VOC 2011v6.2	VOC 2011v6.3	Difference
Lake	EGU	0.44	0.33	-0.11
Lake	Non-Point	12.54	12.65	+0.11
Lake	Non-Road	7.55	11.34	+3.79
Lake	Point	15.39	15.54	+0.15
Lake	On-Road	6.92	6.94	+0.02
Porter	EGU	0.19	0.21	+0.02
Porter	Non-Point	5.53	5.61	+0.08
Porter	Non-Road	6.64	10.09	+3.45
Porter	Point	1.68	1.68	0.0
Porter	On-Road	2.66	2.64	-0.02

Table 3.2 NO_x Tons Ozone Season Day Emissions by Data Category

County	Data Category	NO_X 2011v6.2	NO_x 2011v6.3	Difference
Lake	EGU	24.62	18.98	-5.64
Lake	Non-Point	5.80	5.66	-0.14
Lake	Non-Road	8.07	9.68	+1.61
Lake	Point	43.10	47.28	+4.18
Lake	On-Road	17.85	17.24	-0.61
Porter	EGU	5.53	5.06	-0.47
Porter	Non-Point	3.89	3.73	-0.16
Porter	Non-Road	4.62	6.16	+1.54
Porter	Point	23.36	23.49	+0.13
Porter	On-Road	6.85	7.46	+0.61

Table 3.3 Tons per Ozone Season Day Emissions by Sector

County	Data Category	Sector	NO_x	VOC
Lake	EGU	EGU	18.98	0.33
Lake	Non-Point	Agricultural Fires	0.00	0.00
Lake	Non-Point	Commercial Marine (Class 1 & 2)	0.00	0.00
Lake	Non-Point	Commercial Marine (Class 3)	0.02	0.00
Lake	Non-Point	Non-Point	2.03	12.23
Lake	Non-Point	Non-Point Oil & Gas	0.00	0.00
Lake	Non-Point	Rail	3.58	0.18
Lake	Non-Point	Residential Wood Combustion	0.03	0.24
Lake	Non-Road	Non-Road	9.68	11.34

County	Data Category	Sector	NO_x	VOC
Lake	On-road	On-Road	17.24	6.94
Lake	Point	Point	45.96	15.34
Lake	Point	Point Oil & Gas	1.32	0.20
Porter	Non-Point	Agricultural Fires	0.00	0.00
Porter	Non-Point	Commercial Marine (Class 1 & 2)	0.00	0.00
Porter	Non-Point	Commercial Marine (Class 3)	0.03	0.00
Porter	Non-Point	Non-Point	0.68	5.38
Porter	Non-Point	Non-Point Oil & Gas	0.00	0.00
Porter	Non-Point	Rail	3.01	0.15
Porter	Non-Point	Residential Wood Combustion	0.01	0.08
Porter	Non-Road	Non-Road	6.16	10.09
Porter	On-Road	On-Road	7.46	2.64
Porter	EGU	EGU	5.06	0.21
Porter	Point	Point	23.49	1.68
TOTAL			**144.75**	**67.03**

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Attachment E

Certification of Nonattainment New Source Review (NNSR) for Ozone

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Certification of Indiana's Serious Nonattainment New Source Review (NNSR) Plan for the 2008 8-Hour Ozone National Ambient Air Quality Standard (NAAQS)

Pursuant to the requirements of Title 40, Part 51.165 in the Code of Federal Regulations (40 CFR 51.165) and Section 172(c)(5) of the Clean Air Act (CAA), Indiana has thoroughly reviewed its nonattainment new source review (NNSR) rules and certifies that they are at least as stringent as the NNSR state implementation plan (SIP) requirements of 40 CFR 51.165 as amended by the rule, *Implementation of the 2008 National Ambient Air Quality Standards for Ozone: Nonattainment Area State Implementation Plan Requirements* (80 FR 12264, March 6, 2015) (referred to hereafter as the 2008 ozone implementation rule).

Indiana's NNSR demonstration, under the moderate classification Section 182(b)(4) of the CAA, was fully approved by United States Environmental Protection Agency (U.S. EPA) on February 13, 2019, effective March 15, 2019 (84 FR 3711).[1]

Indiana's nonattainment new source review (NNSR) rules are established in Title 326 of the Indiana Administrative Code, Article 2, Rule 3 (326 IAC 2-3) and have been fully approved by U.S. EPA as part of Indiana's SIP following all requirements for public participation. U.S. EPA approved the initial rules (94 FR 24837, October 7, 1994).[2] U.S. EPA approved amendments affecting 326 IAC 2-3-1, 326 IAC 2-3-2, and 326 IAC 2-3-3 to comply with federal rules for NSR Reform (67 FR 80186, December 31, 2002) (76 FR 40242, July 8, 2011) [3], which have not been subsequently amended. Table 1 provides a summary of the requirements in 40 CFR 51.165 and Indiana's applicable rules at 326 IAC 2-3. Complete rules are contained in Indiana's air permit rules at 326 IAC 2. The rules can be viewed in their entirety online at http://iac.iga.in.gov/iac//iac_title?iact=326.

[1] https://www.in.gov/idem/airquality/files/lakeporter_ozone_2008_progress_plan_approval.pdf
[2] https://www.gpo.gov/fdsys/pkg/FR-1994-10-07/html/94-24837.htm.
[3] https://www.gpo.gov/fdsys/pkg/FR-2011-07-08/pdf/2011-17036.pdf.

Table 1: 40 CFR 51.165 Requirements and Applicable NNSR Rules at 326 IAC 2-3

40 CFR 51.165	Applicable Indiana Regulation: 326 IAC 2-3	FR Approval of Indiana Regulation
1. (a)(1)(iv)(A)(1)(i)-(iv) and (*2*): Major source thresholds for ozone – VOC and NO_x. *Note: Indiana has never had a nonattainment area classified as Extreme for ground-level ozone. Therefore, (a)(1)(iv)(A)(1)(iv) and 2(vi) do not apply in Indiana.*	326 IAC 2-3-1(z)(1) and (2) p.70	**94 FR 24837** Approved: 8/25/1994, Published: 10/7/1994, Effective: 12/6/1994 *And* **76 FR 40242** Approved: 6/28/2011, Published: 7/8/2011, Effective: 9/6/2011
2. (a)(1)(iv)(A)(*3*): Change constitutes a major source by itself.	326 IAC 2-3-1(z)(5) p.71	
3. (a)(1)(v)(E): Significant net emissions increase of NO_x is significant for ozone.	326 IAC 2-3-1(y)(1) p.70	
4. (a)(1)(v)(F): Any emissions change of VOC in Extreme area triggers NNSR.	Indiana has never had a nonattainment area classified as Extreme for ground-level ozone.	N/A
5. (a)(1)(x)(A)-(C) and (E): Significant emissions rates for VOC and NO_x as ozone precursors. *Note: Indiana has never had a nonattainment area classified as Extreme for ground-level ozone. Therefore, (a)(1)(x)(E) does not apply in Indiana.*	326 IAC 2-3-1(pp) p.73	**94 FR 24837** Approved: 8/25/1994, Published: 10/7/1994, Effective: 12/6/1994 *And* **76 FR 40242** Approved: 6/28/2011, Published: 7/8/2011, Effective: 9/6/2011
6. (a)(3)(ii)(C)(*1*)-(*2*): Provisions for emissions reduction credits.	326 IAC 2-3-3(b)(5) p.78	**94 FR 24837** Approved: 8/25/1994, Published: 10/7/1994, Effective: 12/6/1994

40 CFR 51.165	Applicable Indiana Regulation: 326 IAC 2-3	FR Approval of Indiana Regulation
7. (a)(*8*): Requirements for VOC apply to NO_x as ozone precursors.	326 IAC 2-3-1(y) p.70 326 IAC 2-3-2(a) and (b) p.74	**94 FR 24837** Approved: 8/25/1994, Published: 10/7/1994, Effective: 12/6/1994 *And* **76 FR 40242** Approved: 6/28/2011, Published: 7/8/2011, Effective: 9/6/2011
8. (a)(*9*)(i)-(iii): Offset ratios for VOC and NO_x for ozone nonattainment areas. *Note: Subparagraphs (a)(9)(i)-(iii) were changed to (a)(9)(ii)-(iv) when U.S. EPA added new subparagraph (a)(9)(i) under the 2008 $PM_{2.5}$ NSR Implementation Rule).*	326 IAC 2-3-3(a)(5)(B) p.78	
9. a(12): Anti-backsliding provision(s), where applicable. 40 CFR 51.165(a)(12) requires anti-backsliding requirements at 40 CFR 51.1105 to apply in any area designated nonattainment for the 1997 ozone NAAQS. Effective April 6, 2015, U.S. EPA revoked the 1997 8-hour ozone standard (80 FR 12264, March 6, 2015). There were no remaining nonattainment areas in Indiana under the standard at that time. Therefore, anti-backsliding requirements do not apply to Indiana for the 1997 8-hour ozone standard. Indiana's nonattainment NSR rules, codified at 326 IAC 2-3, remain consistent with federal ozone nonattainment NSR rules codified at 40 CFR 51.165 and CAA sections 172(c)(5), 173, 110(a)(2), 182(a)(4), 182(b)(5), and 182(c)(6), (7), (8), and (10). For a list of areas in Indiana that were designated nonattainment under the 1997 8-hour ozone NAAQS and dates associated with these classifications, please visit the Indiana Department of Environmental Management's (IDEM's) website: https://www.in.gov/idem/airquality/files/nonattainment_o3_1997_8hour.pdf.		

Based on a review of requirements in Indiana's rules at 326 IAC 2-3 and requirements of 40 CFR 51.165, Indiana's long standing and fully implemented NNSR program meets serious nonattainment requirements for the implementation of the 2008 8-hour ozone NAAQS. As such, IDEM certifies that state rules at 326 IAC 2-3 comply with NNSR SIP requirements in 40 CFR 51.165 and requests U.S. EPA's review and approval of this NNSR plan as an amendment to Indiana's SIP.

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Attachment F

Certification of the Enhanced Vehicle Emissions Inspection and Maintenance (I/M) Testing Program

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Enhanced Vehicle Emissions Inspection and Maintenance (I/M) Testing Program in Lake and Porter Counties, Indiana

This submittal is intended to fulfill the motor vehicle inspection and maintenance (I/M) requirement of Clean Air Act (CAA) Section 182(c)(3) for the 2008 8-hour ozone National Ambient Air Quality Standard (NAAQS).

Pursuant to the 1977 Clean Air Act Amendments (CAAA), United States Environmental Protection Agency (U.S. EPA) designated Lake and Porter counties as nonattainment for 1-hour ozone NAAQS and as a portion of the Chicago-Gary-Lake County, Illinois-Indiana (IL-IN) nonattainment area (40 Code of Federal Regulation 81.315). Lake and Porter counties were later classified as a Severe-17 nonattainment area pursuant to Section 182(c)(3) of the CAA. The CAA required areas failing to meet the NAAQS for ozone to develop state implementation plans (SIPs) to expeditiously attain and maintain the standard. Section 182(c)(3) of the CAA required nonattainment areas to adopt certain mandatory control measures as part of their SIPs. Mandated controls for Lake and Porter counties included an enhanced vehicle I/M testing program.

The I/M testing program was first initiated in Lake and Porter counties in 1984 and was augmented in 1997 to a fully enhanced I/M program. The program received final approval from U.S. EPA and became effective on May 20, 1996[1] as part of Indiana's 1-hour ozone SIP. The program is authorized by state statute Indiana Code (IC) 13-17-5[2], paid through the general funds, and implemented through rules promulgated by the Indiana Environmental Rules Board at 326 Indiana Administrative Code (IAC) 13.[3]

Although the 1-hour ozone standard was revoked on June 15, 2005, Indiana has not requested U.S. EPA to approve a revision to its SIP to discontinue the I/M program. The requirements for the I/M program in Lake and Porter counties remain in place in Indiana's ozone SIP. As such, the current I/M program satisfies Indiana's obligation under Section 182(c)(3) of the CAA for Lake and Porter counties classified as serious under the 2008 8-hour ozone NAAQS.

Indiana's I/M Testing Program demonstration, under the moderate classification Section 182(b)(4) of the CAA, was fully approved by U.S. EPA on February 13, 2019, effective March 15, 2019 (84 FR 3711).[4]

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[1] https://www.gpo.gov/fdsys/pkg/FR-1996-03-19/pdf/96-6466.pdf
[2] http://iga.in.gov/legislative/laws/2020/ic/titles/013#13-17-5
[3] http://iac.iga.in.gov/iac//iac_title?iact=326
[4] https://www.in.gov/idem/airquality/files/lakeporter_ozone_2008_progress_plan_approval.pdf

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Attachment G

Certification of Indiana's Emissions Reporting Rule, 326 IAC 2-6, for the 2008 8-Hour Ozone National Ambient Air Quality Standards (NAAQS)

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Indiana's Emissions Reporting Rule

This submittal is intended to fulfill the annual emissions statement State Implementation Plan (SIP) requirement under Section 182(a)(3)(B) of the Clean Air Act (CAA) for the 2008 8-hour ozone National Ambient Air Quality Standard (NAAQS).

Under Section 182(a)(3)(B) of the CAA, states must submit state implementation plan (SIP) revisions for nonattainment areas classified as Marginal and above requiring that the owner or operator of each stationary source of oxides of nitrogen (NO_x) or volatile organic compounds (VOCs) "provide the State with a statement, in such form as the Administrator may prescribe (or accept an equivalent alternative developed by the State), for classes or categories of sources, showing the actual emissions of oxides of nitrogen and volatile organic compounds from that source. The first such statement shall be submitted within 3 years after November 15, 1990. Subsequent statements shall be submitted at least every year thereafter. The statement shall contain a certification that the information contained in the statement is accurate to the best knowledge of the individual certifying the statement."[1]

Under Section 107(d)(1)(B) of the CAA, on August 23, 2019, effective September 23, 2019 (84 FR 44238) United States Environmental Protection Agency (U.S. EPA) reclassified Lake and Porter counties as serious nonattainment for the 2008 8-hour ozone NAAQS as a portion of the Chicago-Gary-Lake County, Illinois-Indiana (IL-IN) nonattainment area (40 Code of Federal Regulation 81.315). Under Section 182(a)(3)(B) of the CAA, and as a prerequisite for redesignation of a nonattainment area to attainment, each state with an ozone nonattainment area is required to revise its SIP with an annual emissions statement. This statement is to include a requirement that the owner or operator of each stationary source of NO_x or VOCs provide the state with a statement showing actual emissions of NO_x and VOCs from the source.

Indiana has a long-standing Emissions Reporting Rule at 326 Indiana Administrative Code (IAC) 2-6. U.S. EPA initially determined that 326 IAC 2-6 satisfied CAA requirements and approved it into Indiana's SIP (59 FR 29953, June 10, 1994). Since then, Indiana has continued to satisfy CAA Section 182(a)(3)(B) requirements by appropriately applying 326 IAC 2-6 to affected ozone nonattainment areas.

Indiana's current Emissions Reporting Rule, 326 IAC 2-6, requires sources located in Lake and Porter counties that emit either NO_X or VOCs equal to or greater than 25 tons per year to annually report their actual emissions to the Indiana Department of Environmental Management (IDEM). As such, the current Emissions Reporting Rule, 326 IAC 2-6 satisfies Indiana's obligation under Section 182(a)(3)(B) of the CAA for Lake and Porter counties classified as serious under the 2008 8-hour ozone NAAQS.

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[1] https://www.govinfo.gov/content/pkg/USCODE-2013-title42/html/USCODE-2013-title42-chap85-subchapI-partD-subpart2-sec7511a.htm.

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Attachment H

Enhanced Monitoring Program

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Certification of Indiana's Enhanced Monitoring Program for the 2008 8-Hour Ozone National Ambient Air Quality Standard (NAAQS)

Section 182(c)(1) of the Clean Air Act (CAA) requires States with nonattainment areas classified serious or higher adopt and implement a program to improve air monitoring for ambient concentrations of ozone, nitrogen oxides (NO_x) and volatile organic compounds (VOC). United States Environmental Protection Agency (U.S. EPA) initiated the Photochemical Assessment Monitoring Stations (PAMS) program in February 1993. The PAMS program required the establishment of an enhanced monitoring network in all ozone nonattainment areas classified as serious, severe, or extreme. PAMS are now required at each NCore site located in a core-based statistical area (CBSA) with a population of 1,000,000 or more.

On March 16, 1994 (59 FR 12168), U.S. EPA fully approved Indiana's SIP revision establishing an enhanced monitoring program in Lake and Porter counties as required by Section 182(c)(1) of the CAA. Indiana commits to maintaining an air monitoring network to meet regulatory requirements in Lake and Porter counties and continue working with U.S. EPA through the air monitoring network review process, as required by 40 CFR Part 58, to determine the adequacy of the ozone monitoring network, additional monitoring needs, and recommended monitor decommissions. Air monitoring data from these monitors will continue to be quality assured, reported, and certified according to 40 CFR Part 58.

The requirements for an enhanced monitoring program remain in place in Indiana's ozone SIP. As such, the program satisfies the state's obligation under Section 182(c)(1) of the CAA for Lake and Porter counties for the 2008 8-hour NAAQS.

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Appendix I

Public Process Participation
Documentation

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LEGAL NOTICE OF PUBLIC HEARING

Attainment Demonstration and Technical Support Document, Revised Base-Year Emissions Inventory, 2020 Nine Percent Rate of Progress and Three Percent Contingency Measure Plans, and Certifications of Indiana's VOC RACT, New Source Review, Vehicle Inspection and Maintenance, Emissions Reporting, and Enhanced Monitoring Programs for Indiana's Portions of the Chicago, Illinois-Indiana-Wisconsin (IL-IN-WI) 2008 8-Hour Ozone "Serious" "Nonattainment" Area

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 *Attainment Demonstration and Technical Support Document, Revised Base-Year Emissions Inventory, Nine Percent Rate of Progress and Three Percent Contingency Measure Plans, and Certifications of Indiana's VOC RACT, New Source Review, Vehicle Inspection and Maintenance, Emissions Reporting, and Enhanced Monitoring Programs for Indiana's Portions of the Chicago, Illinois-Indiana-Wisconsin (IL-IN-WI) 2008 8-Hour Ozone "Serious" "Nonattainment" Area*. All interested persons are invited and will be given reasonable opportunity to express their views concerning this submittal.

Nonattainment areas designated by United States Environmental Protection Agency (U.S. EPA) under the 2008 8-hour ozone NAAQS include Lake and Porter counties as part of the Chicago, IL-IN-WI Nonattainment Area. These counties have been classified as "Serious" nonattainment areas and are subject to the requirements of Sections 172 and 182 of the Clean Air Act (CAA). The above documents are being drafted and submitted consistent with U.S. EPA guidance.

The draft documents will be available for review on or before November 24, 2020, on the following Web page:

https://www.in.gov/idem/airquality/2433.htm

Copies of the draft documents will be made available on or before November 24, 2020, to any person upon request at the following locations:

- IDEM Office of Air Quality, Indiana Government Center North, 100 North Senate Avenue, Room N1003, Indianapolis, Indiana 46204

- IDEM Northwest Regional Office, 330 West U.S. Highway 30, Suite F, Valparaiso, Indiana

- Crown Point Community Library, 122 North Main Street, Crown Point, Indiana.
- Gary Public Library, 220 West 5th Avenue, Gary, Indiana.
- Hammond Public Library, 564 State Street, Hammond, Indiana.
- Lake County Public Library-Highland Branch, 2841 Jewett Street, Highland, Indiana.
- Lake Station-New Chicago Branch Public Library, 2007 Central Avenue, Lake Station, Indiana.
- Valparaiso Public Library, 103 Jefferson Street, Valparaiso, Indiana.
- Whiting Public Library, 1735 Oliver Street, Whiting, Indiana.

Any person may submit written comments on the *Attainment Demonstration and Technical Support Document, Revised Base-Year Emissions Inventory, 2020 Nine Percent Rate of Progress and Three Percent Contingency Measure Plans, and Certifications of Indiana's VOC RACT, New Source Review, Vehicle Inspection and Maintenance, Emissions Reporting, and Enhanced Monitoring Programs for Indiana's Portions of the Chicago, Illinois-Indiana-Wisconsin (IL-IN-WI) 2008 8-Hour Ozone "Serious" "Nonattainment" Area.* Written comments should be directed to: Ms. Leslie Ferguson, IDEM Office of Air Quality, Room 1003, 100 North Senate Avenue, Indianapolis, Indiana 46204. Written comments can also be submitted via fax (317) 233-1179 or e-mail at lferguson@idem.IN.gov. Written comments must be submitted by December 27, 2020.

A virtual public hearing on the *Attainment Demonstration and Technical Support Document, Revised Base-Year Emissions Inventory, 2020 Nine Percent Rate of Progress and Three Percent Contingency Measure Plans, and Certifications of Indiana's VOC RACT, New Source Review, Vehicle Inspection and Maintenance, Emissions Reporting, and Enhanced Monitoring Programs for Indiana's Portions of the Chicago, Illinois-Indiana-Wisconsin (IL-IN-WI) 2008 8-Hour Ozone "Serious" "Nonattainment" Area* will be held if a request is received by December 27, 2020. If requested, the virtual hearing will be held on January 8, 2021, and the comment period will be extended to January 15, 2021. If held, the virtual hearing will convene at 6:00 p.m. Eastern Daylight Time (EDT), 5 p.m. Central Daylight Time (CDT). Interested parties may present oral or written comments at the virtual public hearing, if held. If a virtual hearing is held, oral statements will be heard, but for the accuracy of the record, a written copy of the statements should be submitted. If a request is not received by December 27, 2020, the virtual public hearing will be cancelled.

Interested parties can check the online IDEM calendar at https://calendar.in.gov/site/idem/ or contact Ms. Leslie Ferguson (317) 233-1179 or lferguson@idem.IN.gov after December 27, 2020, to see if the virtual public hearing has been canceled or for the link to join the public hearing, if it is convened.

If a virtual public hearing is held, a transcript of the public hearing and all written submissions provided as part of 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 via U.S. Mail at IDEM Office of Air Quality, Room N1003, Indiana Government Center North, 100 North Senate Avenue, Indianapolis, IN 46204, via e-mail at lferguson@idem.IN.gov, or via telephone at (317) 233-1179 (direct) or (800) 451-6027 (toll free in Indiana).

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, o*r call (317) 233-1785 (voice) or (317) 233-6565 (TDD). Please provide a minimum of 72 hours notification.*

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INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We Protect Hoosiers and Our Environment.
100 N. Senate Avenue • Indianapolis, IN 46204
(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Eric J. Holcomb
Governor

Bruno L. Pigott
Commissioner

November 23, 2020

CERTIFICATE OF PUBLICATION

This is to certify that the Indiana Department of Environmental Management (IDEM) Notice of 30-Day Period for Public Comment regarding the following:

- Draft Attainment Demonstration and Technical Support Document, Revised Base-Year Emissions Inventory, 2020 Nine Percent Rate of Progress and Three Percent Contingency Measure Plans, and Certifications of Indiana's VOC RACT, New Source Review, Vehicle Inspection and Maintenance, Emissions Reporting, and Enhanced Monitoring Programs for Indiana's Portions of the Chicago, Illinois-Indiana-Wisconsin (IL-IN-WI) 2008 8-Hour Ozone "Serious" "Nonattainment" Area

was published on IDEM's web site on November 20, 2020. It will remain posted on the site for at least 30 days.

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 documents were posted on November 20, 2020 at the following web address, under "Lake and Porter Counties/2008 8-hour Ozone Standard":

https://www.in.gov/idem/airquality/2433.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

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