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Rebecca Goodman  
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June 3, 2024

Ms. Jeaneanne Gettle  
Acting Regional Administrator  
U.S. EPA, Region 4  
Sam Nunn Atlanta Federal Center  
61 Forsyth Street, SW  
Atlanta, Georgia 30303

RE: Submittal of the Kentucky State Implementation Plan revision, satisfying the second 10-year Limited Maintenance Plan of Bullitt, Jefferson, and Oldham Counties for the 1997 8-hour ozone National Ambient Air Quality Standards (NAAQS).

Dear Ms. Gettle:

The Kentucky Energy and Environment Cabinet (Cabinet) submits this letter concurrent with a revision to the Kentucky State Implementation Plan (SIP) for the second 10-year limited maintenance plan (LMP) of the Louisville, KY-IN 1997 8-hour ozone nonattainment area (hereinafter "the Area"). Specifically, the Cabinet has provided a submittal that contains a second maintenance plan for the Area demonstrating continued attainment for an additional ten years after the initial 10-year maintenance period as outlined in Clean Air Act (CAA) Section 175A(b).

On April 30, 2004, EPA designated the Kentucky counties of Bullitt, Jefferson, and Oldham, and the Indiana counties of Clark and Floyd as nonattainment for the 1997 8-hour ozone NAAQS. The draft SIP revision proposes that the Louisville, KY-IN 1997 8-hour ozone nonattainment area second LMP for the Kentucky portion of the Area be approved by EPA due to improved air quality and attainment and maintenance of the 1997 ozone NAAQS.

In accordance with 40 CFR 51.102, the proposed SIP revision was available for public review and comment from June 1, 2023, until July 7, 2023. A virtual public hearing was held on July 7, 2023. If you have any questions regarding this matter, please contact Mr. Michael Kennedy, Director of the Division for Air Quality at (502) 782-6997, or [michael.kennedy@ky.gov](mailto:michael.kennedy@ky.gov).

Sincerely,

Rebecca W. Goodman  
Secretary

# 1997 8-hour Ozone National Ambient Air Quality Standard, Second 10-Year Limited Maintenance Plan for Kentucky Portion of the Louisville KY-IN Maintenance Area



**AIR POLLUTION  
CONTROL DISTRICT**



Prepared by:

Louisville Metro  
Air Pollution Control District

Kentucky Energy and Environment Cabinet  
Division for Air Quality

June 2024

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Appendix B – Public Notices and Statement of Consideration

Appendix C – Kentucky Division for Air Quality Public Hearing Minutes

## Checklist

### Administrative Materials<sup>1</sup>

- a) *Cover Letter*
- b) *Adoption*  (n/a)
- c) *Legal Authority*  (see narrative)
- d) *Actual Regulation or document, including changes made*
- e) *Copies of public notices for the Division and the District – Appendix B*
- f) *Statement of Consideration – Appendix B*
- g) *Kentucky Division for Air Quality Public Hearing Minutes – Appendix C*

### Technical Support<sup>2</sup>

- a) *Pollutant Identification*  (see narrative)
- b) *Area Identification*  (see narrative)
- c) *Quantification of changes*  (see narrative)
- d) *Anti-backsliding demonstration*  (see narrative)
- e) *Modeling (if required)*  (n/a)
- f) *Evidence limitations are based on continuous emission reduction technology (if necessary)*   
(n/a)
- g) *Evidence plan contains emission limitations, work practice standards and recordkeeping/reporting requirements (if necessary)*  (n/a)
- h) *Compliance/enforcement strategies*  (see narrative)
- i) *Special economic and technological justifications (if required)*  (n/a)

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<sup>1</sup> 40 CFR Part 51, Appendix V, 2.1

<sup>2</sup> 40 CFR Part 51, Appendix V, 2.2

## **I. Background & Introduction**

### *a. History*

On July 18, 1997, the U.S. Environmental Protection Agency (EPA) promulgated a revision to the National Ambient Air Quality Standard (NAAQS) for ozone, setting an 8-hour standard of 0.08 parts per million (ppm), based on the 3-year average of the annual fourth-highest daily maximum 8-hour average ozone concentrations measured at each monitor within an area.<sup>3</sup>

On April 30, 2004, EPA designated the Louisville KY-IN area (hereinafter “the Area”) as nonattainment for the 1997 standard, which included Jefferson, Bullitt, and Oldham counties in Kentucky, as well as Clark and Floyd counties in Indiana.<sup>4</sup> Subsequently, on July 5, 2007, at the request of the Kentucky Division for Air Quality (Division), a redesignation request and maintenance plan for the Kentucky portion of the Area was approved, redesignating it to attainment.<sup>5</sup> On March 27, 2008, EPA promulgated a revised NAAQS for the 8-hour ozone standard, lowering the previous standard of 0.08 ppm to 0.075 ppm, which went into effect May 27, 2008.<sup>6</sup> Final area designations for the 2008 standard were published on May 21, 2012 and became effective July 20, 2012.<sup>7</sup> The Area was designated as attainment for the 2008 8-hour ozone NAAQS.

In 2015, EPA updated the 8-hour ozone standard to a level of 0.070 ppm,<sup>8</sup> and designated the Area marginal nonattainment for that standard.<sup>9</sup> Although the Area failed to attain the 2015 standard by the deadline of August 3, 2021 and was reclassified to moderate nonattainment, the Area did attain the 2015 standard in the year 2021.<sup>10</sup> The Indiana portion of the Area was redesignated to attainment on July 5, 2022.<sup>11</sup> On behalf of the Division and the Louisville Metro Air Pollution Control District (District), the Kentucky Energy and Environment Cabinet submitted a redesignation request and maintenance plan for the Kentucky portion of the Area on September 6, 2022.

### *b. Requirements*

Maintenance Plan Requirements contained in CAA Section 175A include:

- (a) Plan revision
- (b) Subsequent plan revisions
- (c) Nonattainment requirements applicable pending plan approval
- (d) Contingency provisions

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<sup>3</sup> 62 FR 38856

<sup>4</sup> 69 FR 23858

<sup>5</sup> 72 FR 36601

<sup>6</sup> 73 FR 16436

<sup>7</sup> 77 FR 30087

<sup>8</sup> 80 FR 65291

<sup>9</sup> 83 FR 25776

<sup>10</sup> 87 FR 60897

<sup>11</sup> 87 FR 39750

Pursuant to Section 175A(b) of the CAA, eight years after an area is redesignated to attainment, the state must submit a second maintenance plan demonstrating continued attainment for an additional ten years after the initial 10-year maintenance period covered by an initial maintenance plan. When EPA set implementation requirements for the 2008 ozone NAAQS on April 5, 2015, it also revoked the 1997 ozone NAAQS, including requirements for subsequent maintenance plans. However, the D.C. Circuit Court issued a decision in *South Coast Air Quality Management District v. EPA (South Coast II)* that struck down EPA’s revocation of the standard in certain regards and included reinstating the requirement for subsequent maintenance plans for the 1997 ozone NAAQS.<sup>12</sup>

On September 4, 1992, a memo from the Director of EPA’s Air Quality Management Division, John Calcagni,<sup>13</sup> further elaborated on the requirements of CAA Section 175A, specifying five requirements:

- a. Attainment Inventory
- b. Maintenance Demonstration
- c. Monitoring Network
- d. Verification of Continued Attainment
- e. Contingency Plan<sup>14</sup>

Several subsequent guidance documents from EPA have provided an option termed “Limited Maintenance Plans” (LMPs) for areas where, within certain limited circumstances, a more streamlined maintenance plan may be allowed.<sup>15</sup> Past criteria supporting LMPs include: (a) Current air quality levels significantly below the level of the standard, and (b) Stable or improving air quality trend.<sup>16</sup>

The initial maintenance period for the Area ended ten years after approval of the initial maintenance plan – i.e., in 2017. This second maintenance plan therefore demonstrates continued maintenance of the 1997 ozone NAAQS through 2027, following guidance for LMPs. The Area continues to attain the 1997 ozone standard with a design value of 0.070 ppm for 2020 through 2022 and will continue to attain the standard through at least 2027. The Division and the District

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<sup>12</sup> [882 F.3d 1138](#) (2018).

<sup>13</sup> John Calcagni, Director, Air Quality Management Division, “[Procedures for Processing Requests to Redesignate Areas to Attainment](#).” (Sep. 4, 1992), (*hereinafter* “Calcagni Memo”).

<sup>14</sup> *Id.* at 7-13.

<sup>15</sup> These documents include:

- A. “[Limited Maintenance Plan Option for Nonclassifiable Ozone Nonattainment Areas](#).” November 16, 1994. This document addressed the LMP option available for the 1979 1-hour ozone NAAQS.
- B. “[Limited Maintenance Plan Option for Nonclassifiable Carbon Monoxide Nonattainment Areas](#).” October 6, 1995. This document addressed the LMP option available for the 1971 carbon monoxide NAAQS.
- C. “[Limited Maintenance Plan Option for Moderate PM10 Nonattainment Areas](#).” August 9, 2001. This document addressed the LMP option for the 1987 PM10 NAAQS.
- D. “[Resource Document for 1997 Ozone NAAQS Areas: Supporting Information for States Developing Maintenance Plans](#).” November 20, 2018. This document addressed maintenance requirements for the 1997 8-hour ozone NAAQS.

<sup>16</sup> *Id.*

therefore request that this subsequent maintenance plan for the Kentucky portion of the Area be approved by EPA.

## II. Requirements

Each requirement of a maintenance plan is addressed in the order laid out in the *Calcagni Memo* below.

### a. Attainment Inventory

The initial redesignation request and maintenance plan for the 1997 ozone NAAQS used an attainment year of 2003, based on monitoring data for 2003-2005, which showed the Area attaining the standard. According to the initial redesignation request and maintenance plan, Kentucky used actual 2003 emissions for point sources. The inventory projected both the area source emissions and the locomotive portion of non-highway emissions from the 2002 base year inventory to the 2003 attainment year. Emissions for highway mobile sources were developed using EPA's MOBILE6.2 mobile emissions model. Nonroad emissions were modeled using EPA's Nonroad Emissions Model for 2003.

As a part of its request to redesignate the Kentucky portion of the Area to attainment for the 2015 ozone standard, the Division and District submitted an attainment inventory for 2019. The 2019 attainment year inventory was developed using a combination of sources: (1) Data from the 2017 NEI; (2) Data required to be submitted by sources to the District<sup>17</sup> and the Division,<sup>18</sup> (3) Mobile source modeling, using the Kentuckiana Regional Planning and Development Agency's (KIPDA's) most recent travel demand model (TDM) along with EPA's Motor Vehicle Emission Simulator (MOVES) version 3.0.3, was conducted by KIPDA and the District for the Area; and (4) EPA's 2016v2 modeling platform.<sup>19</sup>

In Table 1, the 2019 inventory for the three Kentucky counties within the Area is compared to the 2003 attainment inventory. This comparison demonstrates the Area is not only significantly below the 2003 attainment inventory, but also continuing a downward trend in emissions. For more information on the development of these inventories, please see the original submissions.<sup>20</sup>

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<sup>17</sup> District Regulation 1.06, available at <https://louisvilleky.gov/air-pollution-control-district/document/regulation-106-version-11>.

<sup>18</sup> 401 KAR 52:020, available at <https://apps.legislature.ky.gov/law/kar/401/052/020.pdf> and 401 KAR 52:030, available at <https://apps.legislature.ky.gov/law/kar/401/052/030.pdf>.

<sup>19</sup> See EPA, 2016v2 Platform.

<sup>20</sup> Available at <https://www.regulations.gov/docket/EPA-R04-OAR-2006-0584/document> and <https://louisvilleky.gov/government/air-pollution-control-district/recent-actions> for the 1997 and 2015 ozone NAAQS redesignations requests and maintenance plans, respectively.

**Table 1 – 2003 Attainment Inventory v. Most Recent Complete Inventory (2019) in tons per summer day (tpsd) for the Kentucky portion of the Area**

	NO <sub>x</sub>		VOCs	
	2003	2019	2003	2019
<b>Bullitt Total</b>	<b>10.04</b>	<b>5.77</b>	<b>16.95</b>	<b>19.74</b>
Nonpoint	0.11	0.33	3.34	5.03
Nonroad	1.81	0.26	1.77	0.55
Onroad	7.52	3.67	3.74	1.26
Point	0.60	1.51	8.10	12.90
<b>Jefferson Total</b>	<b>170.76</b>	<b>62.59</b>	<b>80.61</b>	<b>63.05</b>
Nonpoint	0.75	6.88	17.33	30.53
Nonroad	31.94	3.39	14.31	3.66
Onroad	63.29	19.97	25.34	8.41
Point	74.78	32.35	23.63	20.45
<b>Oldham Total</b>	<b>6.22</b>	<b>2.61</b>	<b>7.01</b>	<b>2.80</b>
Nonpoint	0.07	0.41	2.46	1.56
Nonroad	1.63	0.35	1.54	0.51
Onroad	4.43	1.67	2.29	0.61
Point	0.09	0.18	0.72	0.12
<b>Kentucky Total</b>	<b>187.02</b>	<b>70.97</b>	<b>104.57</b>	<b>85.59</b>

*b. Maintenance Demonstration*

According to the *Calcagni Memo*, “[a] A State may generally demonstrate maintenance of the NAAQS by either showing that future emissions of a pollutant or its precursors will not exceed the level of the attainment inventory, or by modeling to show that the future mix of sources and emission rates will not cause a violation of the NAAQS.”<sup>21</sup> Subsequent guidance from EPA regarding the option of a LMP has stated that “[a] LMP submission may primarily rely on air quality data to demonstrate that the area is not expected to experience a future NAAQS violation, and it does not need to include projected future year emissions inventories or air quality modeling to make that demonstration, though including such information could further support the maintenance demonstration.”<sup>22</sup> According to EPA guidance, an area is only eligible for the LMP option if it is below 85% of the level of the standard.<sup>23</sup>

Since an area is considered to be meeting the 1997 ozone NAAQS when monitored ozone levels are below 0.085 ppm,<sup>24</sup> an area is eligible to submit a LMP if its current design value is at or

<sup>21</sup> *Calcagni memo, supra note \*\* at 9.*

<sup>22</sup> “Resource Document for 1997 Ozone NAAQS Areas: Supporting Information for States Developing Maintenance Plans,” *supra note \*\* at 3.*

<sup>23</sup> *Id., supra note \*\* at 2.*

<sup>24</sup> [Appendix I to 40 CFR Part 50](#) at §2.3(a).



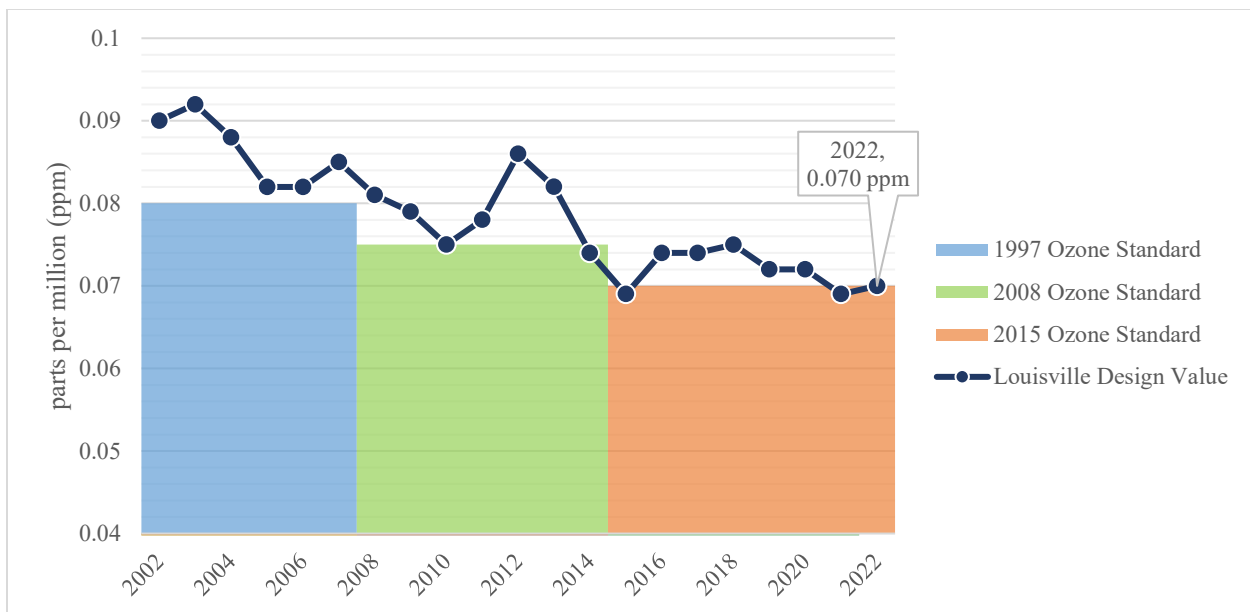
below 0.071 ppm. The Area’s most recent three-year design value (derived from 2020-2022 quality assured monitoring data) is 0.070 ppm, indicating that the Area is eligible to submit this LMP. Table 2 shows monitored annual 4th high maximum values for each individual monitor in the Area over the past three years, as well as their respective 2020-2022 design values.

**Table 2 - 8-hour Ozone Annual 4th High Maximum Values and Design Values for the Louisville, KY-IN Ozone Maintenance Area, 2020-2022 (ppm)**

Site ID	County	Annual 4 <sup>th</sup> High Maximum Values			Design Value
		2020	2021	2022	2020-2022
21-029-0006	Bullitt, KY	0.065	0.065	0.063	0.064
21-185-0004	Oldham, KY	0.061	0.065	0.063	0.063
21-111-0067	Jefferson, KY	0.071	0.069	0.072	0.070
21-111-0051	Jefferson, KY	0.063	0.067	0.067	0.065
21-111-0080	Jefferson, KY	0.068	0.073	0.067	0.069
18-019-0008	Clark, IN	0.062	0.063	0.064	0.063
18-043-1004	Floyd, IN	0.066	0.064	0.063	0.064

This demonstrates that current air quality levels are significantly below the level of the standard. Furthermore, the Area has a stable or improving air quality trend. This is evident from the decreasing trend in Figure 1 and Table 3, which display the design values for the Area over time. It should be noted that the values listed in Table 3 are the maximum design values for the Area, i.e., the highest monitored value in the Area for each year.

**Figure 1 - Louisville KY-IN 8-hour Ozone Design Values**



**Table 3 - Louisville KY-IN 8-hour Ozone Design Values (ppm)**

Year	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>Design Value</b>	0.086	0.082	0.074	0.069	0.074	0.074	0.075	0.072	0.072	0.069	0.070

*c. Monitoring Network*

According to the *Calcagni Memo*, areas should continue to operate an air quality monitoring network, in accordance with 40 CFR Part 58, to verify continued attainment once redesignated, and the “maintenance plan should contain provisions for continued operation of air quality monitors that will provide such verification.”<sup>25</sup>

The Division and the District will continue to operate an ambient air quality monitoring network consistent with the network plan and assessments required by 40 CFR 58.10 and 40 CFR Part 58, Appendix D. Any modification to the network will be conducted in accordance with 40 CFR 58.14. As required by 40 CFR 58.16, all data collected will be recorded in the Air Quality System (AQS) database and will be available to the public.

*d. Verification of Continued Attainment*

The Kentucky portion of the Area currently has five monitors measuring ozone. In accordance with 40 CFR Part 58, the Division and the District commit to the continued operation of an EPA-approved ambient air quality monitoring network. The ozone-monitoring season for the Area runs from March 1 through October 31. Since there will be no cap on emissions for areas using the LMP, continued operation is crucial in verifying attainment. Kentucky’s Annual Monitoring Network Plan provides the framework for its air quality surveillance. The monitoring network plan undergoes an annual review process to ensure consistency with the regulation.<sup>26</sup>

The Division and the District have the legal authority to implement and enforce the maintenance plan requirements for Jefferson, Oldham, and Bullitt counties.<sup>27</sup> This includes the right to enforce emission control measures that may be necessary to address future ozone attainment issues. Verification of continued attainment is achieved through operating an ambient ozone monitoring network of which the Division and the District operate and manage.

*e. Contingency Plan*

Section 175A(d) of the CAA requires maintenance plans to include provisions for the prompt correction of any violation of the NAAQS.<sup>28</sup> At a minimum, such contingency measures must include all measures contained in the SIP for the Area prior to redesignation. In addition to

<sup>25</sup> *Calcagni Memo*, *supra* note 9, at 11.

<sup>26</sup> <https://eec.ky.gov/Environmental-Protection/Air/Division%20Reports/2021%20Kentucky%20Annual%20Ambient%20Air%20Monitoring%20Network%20Plan.pdf>.

<sup>27</sup> 40 C.F.R. Part 52 Subpart S – Kentucky.

<sup>28</sup> 42 U.S.C. §7505a.(d).

measures to be adopted to correct any violation, the plan should also contain “a schedule and procedure for adoption and implementation, and a specific time limit for action” as well as “specific indicators, or triggers” for action.<sup>29</sup>

Future reviews of actual emissions for this redesignated Area will be performed using the latest emission factors, models, and methodologies. For these periodic inventories, the Division and the District will review the assumptions made for the purpose of the maintenance demonstration concerning projected growth of activity levels. If any of these assumptions appear to have changed substantially, the Division and the District will re-project emissions. If an annual fourth-high monitored value of 0.085 ppm or greater occurs in a single ozone season, or if periodic emission inventory updates reveal excessive or unanticipated growth greater than 10% in ozone precursor emissions within the Area, the Division and the District will evaluate existing control measures to see if any further emission reduction measures should be implemented at that time. Implementation of necessary controls in response to an initial "indicator" response will take place as expeditiously as possible, but in no event later than twelve months from a monitored value of 0.085 ppm or greater at the conclusion of the most recent ozone season (October 31).

If a three-year average fourth-high monitored value of 0.085 ppm or greater (i.e., a violation of the standard) occurs within the Area, an action level response will take effect. The Division and the District, in conjunction with the metropolitan planning organization or regional council of governments, will determine additional control measures needed to assure future attainment of the NAAQS for ozone. Contingency measures taken within 24 months of a triggered violation will be the appropriate controls which the Division and the District have determined will bring the area back into attainment.

Potential contingency measures may be chosen from the following list; however, the Division and the District also reserve the right to implement other contingency measures if they are deemed more advantageous for the Area’s air quality and for bringing it back into attainment.

- Implementation of a program to require additional emission reductions on stationary sources, including Reasonably Available Control Technology (RACT) for point sources of VOC and NO<sub>x</sub>, and, specifically, the adoption of new and revised RACT rules based on Groups II, III, and IV CTGs;
- Implementation of a program to enhance inspection of stationary sources;
- Implementation of fuel programs, including incentives for alternative fuels;
- Restriction of certain roads or lanes to, or construction of such roads or lanes for use by, passenger buses or high-occupancy vehicles;
- Trip-reduction ordinances;
- Employer-based transportation management plans, including incentives;

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<sup>29</sup> *Calcagni Memo, supra* note 9, at 12-13.

- Programs for new construction and major reconstructions of paths or tracks for use by pedestrians or by non-motorized vehicles when economically feasible and in the public interest;
- Implementation of a modern vehicle inspection/maintenance program;
- Implementation of diesel retrofit programs, including incentives for performing retrofits for fleet vehicle operations;
- Additional engine idling reduction programs.

### III. Transportation Conformity

In accordance with CAA Section 176(c), transportation conformity is required in order to ensure that transportation plans, transportation improvement programs, and federally supported highway transit project activities conform to the purpose of the SIP. This means that transportation activities will not cause new air quality violations, worsen existing violations, or delay timely attainment of the NAAQS. Maintenance areas following maintenance plans must demonstrate conformity by remaining below emissions budgets for the area. As stated in the LMP Guidance, limited maintenance plan areas are considered non-constraining during the initial maintenance period since it is unlikely that the area would experience enough growth within that time to result in an ozone NAAQS violation. For this reason, it is unnecessary to cap emissions during the maintenance period.

Upon EPA's approval of this LMP, the budget test requirements of the conformity rule in 40 CFR sections 93.118, 93.119, and 93.120 are considered satisfied. Pursuant to 40 CFR 93.108, in order for transportation plans, transportation improvement programs, and regionally significant projects to proceed, they still require conformity determinations. However, in accordance with 40 CFR 93.109(e), a regional emissions analysis is not a requirement in doing a conformity determination for areas with LMPs.

On November 24, 1993, EPA promulgated the Transportation Conformity regulations to implement Section 176(c) of the CAA, which apply to highways and mass transit.<sup>30</sup> These regulations form the procedures and criteria for deciding whether programs, transportation plans, and projects funded under Title 23 U.S.C. or the Federal Transit Act conform with the SIP.

On March 6, 2015, EPA published a final rule revoking the 1997 ozone NAAQS which allowed the Louisville KY-IN Metropolitan Planning Organization (MPO) to discontinue the transportation conformity demonstration requirements. However, the *South Coast II* court decision remanded EPA's revocation of the 1997 ozone standard on February 16, 2018, via the United States Court of Appeals (USCA) Case No. 15-1123.<sup>31</sup> Therefore, the Louisville KY-IN MPO is once again required to demonstrate conformity for the Area.

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<sup>30</sup> U.S. EPA, *Criteria and Procedures for Determining Conformity to State or Federal Implementation Plans of Transportation Plans, Programs, and Projects Funded or Approved Under Title 23 U.S.C. or the Federal Transit Act*, 58 FR 62188, (Nov. 24, 1993).

<sup>31</sup> *Supra*, note 13.

The KIPDA Transportation Policy Committee, which represents Kentucky and Indiana under state and Federal laws as the MPO for the Louisville KY-IN area, adopted the 2040 Metropolitan Transportation Plan (MTP), the most current MTP for the Area, on February 27, 2020.<sup>32</sup> The 2040 MTP meets the requirements of conformity under the 2015 eight-hour ozone standard.

#### **IV. Conclusion**

The most recent three years of ozone monitoring data (2020-2022) for the Area demonstrate continued compliance with the 1997 8-hour ozone NAAQS, with current air quality levels significantly below the level of the standard. Furthermore, the Area has a stable or improving air quality trend. Additionally, the LMP shows emissions continue to remain below the level of the attainment inventory, that the Division and the District will continue to operate the monitoring network and verify continued attainment, and that there is a contingency plan in place in the event of a violation of the standard.

The Division and the District therefore request that the second 10-year LMP for Jefferson, Oldham, and Bullitt counties within the Louisville KY-IN 1997 8-hour ozone maintenance area be approved by EPA.

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<sup>32</sup> Connecting Kentuckiana 2040 Metropolitan Transportation Plan, [https://www.kipda.org/wp-content/uploads/2021/02/ConnectingKentuckiana\\_final\\_smallpdf.pdf](https://www.kipda.org/wp-content/uploads/2021/02/ConnectingKentuckiana_final_smallpdf.pdf).

# **APPENDIX A**

## **Monitoring Data**

User ID: JNALL

DESIGN VALUE REPORT

Report Request ID: 2124709

Report Code: AMP480

Aug. 18, 2023

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
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31140

PROTOCOL SELECTIONS

Parameter Classification	Parameter	Method	Duration
DESIGN VALUE	44201		

SELECTED OPTIONS

Option Type	Option Value
SINGLE EVENT PROCESSING	EXCLUDE REGIONALLY CONCURRED EVENTS
MERGE PDF FILES	YES
AGENCY ROLE	PQAO
USER SITE METADATA	STREET ADDRESS
QUARTERLY DATA IN WORKFILE	NO
WORKFILE DELIMITER	,
USE LINKED SITES	YES

DATE CRITERIA

Start Date	End Date
2012	2022

APPLICABLE STANDARDS

Standard Description
Ozone 8-hour 2015

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Aug. 18, 2023

**Pollutant:** Ozone(44201)  
**Standard Units:** Parts per million(007)  
**NAAQS Standard:** Ozone 8-hour 2015  
**Statistic:** Annual 4th Maximum

**Design Value Year:** 2012

**REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.**

**Level:** .07

**State:** Indiana

<u>Site ID</u>	<u>Poc STREET ADDRESS</u>	<u>2012</u>				<u>2011</u>				<u>2010</u>				<u>3 - Year</u>		
		<u>Valid Days</u>	<u>Percent Complete</u>	<u>4th Max</u>	<u>Cert&amp; Eval</u>	<u>Valid Days</u>	<u>Percent Complete</u>	<u>4th Max</u>	<u>Cert&amp; Eval</u>	<u>Valid Days</u>	<u>Percent Complete</u>	<u>4th Max</u>	<u>Cert&amp; Eval</u>	<u>Percent Complete</u>	<u>Design Value</u>	<u>D. V. Validity</u>
18-019-0008	12500 St. Rd. 62- Charlestown State Park/ Indiana Armory	174	95	.085	Y	172	94	.082	Y	183	100	.077	U	96	.081	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
  2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
  3. Annual Values not meeting completeness criteria are marked with an asterisk ('\*').



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Aug. 18, 2023

**Pollutant:** Ozone(44201)  
**Standard Units:** Parts per million(007)  
**NAAQS Standard:** Ozone 8-hour 2015  
**Statistic:** Annual 4th Maximum

**Design Value Year:** 2013

**REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.**

**Level:** .07

**State:** Indiana

<u>Site ID</u>	<u>Poc STREET ADDRESS</u>	<u>2013</u>				<u>2012</u>				<u>2011</u>				<u>3 - Year</u>		
		<u>Valid Days</u>	<u>Percent Complete</u>	<u>4th Max</u>	<u>Cert&amp; Eval</u>	<u>Valid Days</u>	<u>Percent Complete</u>	<u>4th Max</u>	<u>Cert&amp; Eval</u>	<u>Valid Days</u>	<u>Percent Complete</u>	<u>4th Max</u>	<u>Cert&amp; Eval</u>	<u>Percent Complete</u>	<u>Design Value</u>	<u>D. V. Validity</u>
18-019-0008	12500 St. Rd. 62- Charlestown State Park/ Indiana Armory	181	99	.067	Y	174	95	.085	Y	172	94	.082	Y	96	.078	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
  2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
  3. Annual Values not meeting completeness criteria are marked with an asterisk ('\*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Aug. 18, 2023

**Pollutant:** Ozone(44201)  
**Standard Units:** Parts per million(007)  
**NAAQS Standard:** Ozone 8-hour 2015  
**Statistic:** Annual 4th Maximum

**Design Value Year:** 2014

**REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.**

**Level:** .07

**State:** Indiana

<u>Site ID</u>	<u>Poc STREET ADDRESS</u>	<u>2014</u>				<u>2013</u>				<u>2012</u>				<u>3 - Year</u>		
		<u>Valid Days</u>	<u>Percent Complete</u>	<u>4th Max</u>	<u>Cert&amp; Eval</u>	<u>Valid Days</u>	<u>Percent Complete</u>	<u>4th Max</u>	<u>Cert&amp; Eval</u>	<u>Valid Days</u>	<u>Percent Complete</u>	<u>4th Max</u>	<u>Cert&amp; Eval</u>	<u>Percent Complete</u>	<u>Design Value</u>	<u>D. V. Validity</u>
18-019-0008	12500 St. Rd. 62- Charlestown State Park/ Indiana Armory	170	93	.066	Y	181	99	.067	Y	174	95	.085	Y	96	.072	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
  2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
  3. Annual Values not meeting completeness criteria are marked with an asterisk ('\*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Aug. 18, 2023

**Pollutant:** Ozone(44201)  
**Standard Units:** Parts per million(007)  
**NAAQS Standard:** Ozone 8-hour 2015

**Design Value Year:** 2015

**REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.**

**Statistic:** Annual 4th Maximum      **Level:** .07

**State:** Indiana

<u>Site ID</u>	<u>Poc STREET ADDRESS</u>	<u>2015</u>				<u>2014</u>				<u>2013</u>				<u>3 - Year</u>		
		<u>Valid Days</u>	<u>Percent Complete</u>	<u>4th Max</u>	<u>Cert&amp; Eval</u>	<u>Valid Days</u>	<u>Percent Complete</u>	<u>4th Max</u>	<u>Cert&amp; Eval</u>	<u>Valid Days</u>	<u>Percent Complete</u>	<u>4th Max</u>	<u>Cert&amp; Eval</u>	<u>Percent Complete</u>	<u>Design Value</u>	<u>D. V. Validity</u>
18-019-0008	12500 St. Rd. 62- Charlestown State Park/ Indiana Armory	175	96	.074	Y	170	93	.066	Y	181	99	.067	Y	96	.069	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
  2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Aug. 18, 2023

**Pollutant:** Ozone(44201)  
**Standard Units:** Parts per million(007)  
**NAAQS Standard:** Ozone 8-hour 2015

**Design Value Year:** 2016

**REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.**

**Statistic:** Annual 4th Maximum      **Level:** .07

**State:** Indiana

<u>Site ID</u>	<u>Poc STREET ADDRESS</u>	<u>2016</u>				<u>2015</u>				<u>2014</u>				<u>3 - Year</u>		
		<u>Valid Days</u>	<u>Percent Complete</u>	<u>4th Max</u>	<u>Cert&amp; Eval</u>	<u>Valid Days</u>	<u>Percent Complete</u>	<u>4th Max</u>	<u>Cert&amp; Eval</u>	<u>Valid Days</u>	<u>Percent Complete</u>	<u>4th Max</u>	<u>Cert&amp; Eval</u>	<u>Percent Complete</u>	<u>Design Value</u>	<u>D. V. Validity</u>
18-019-0008	12500 St. Rd. 62- Charlestown State Park/ Indiana Armory	179	98	.072	Y	175	96	.074	Y	170	93	.066	Y	96	.070	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
  2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Aug. 18, 2023

**Pollutant:** Ozone(44201)

**Standard Units:** Parts per million(007)

**NAAQS Standard:** Ozone 8-hour 2015

**Statistic:** Annual 4th Maximum      **Level:** .07

**Design Value Year:** 2017

**REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.**

**State:** Indiana

<u>Site ID</u>	<u>Poc STREET ADDRESS</u>	<u>2017</u>				<u>2016</u>				<u>2015</u>				<u>3 - Year</u>		
		<u>Valid Days</u>	<u>Percent Complete</u>	<u>4th Max</u>	<u>Cert&amp; Eval</u>	<u>Valid Days</u>	<u>Percent Complete</u>	<u>4th Max</u>	<u>Cert&amp; Eval</u>	<u>Valid Days</u>	<u>Percent Complete</u>	<u>4th Max</u>	<u>Cert&amp; Eval</u>	<u>Percent Complete</u>	<u>Design Value</u>	<u>D. V. Validity</u>
18-019-0008	12500 St. Rd. 62- Charlestown State Park/ Indiana Armory	242	99	.068	Y	179	98	.072	Y	175	96	.074	Y	98	.071	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Aug. 18, 2023

Pollutant: Ozone(44201)

Standard Units: Parts per million(007)

NAAQS Standard: Ozone 8-hour 2015

Statistic: Annual 4th Maximum Level: .07

Design Value Year: 2018

REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

State: Indiana

Site ID	Poc STREET ADDRESS	2018				2017				2016				3 - Year		
		Valid Days	Percent Complete	4th Max	Cert& Eval	Valid Days	Percent Complete	4th Max	Cert& Eval	Valid Days	Percent Complete	4th Max	Cert& Eval	Percent Complete	Design Value	D. V. Validity
18-019-0008	12500 St. Rd. 62- Charlestown State Park/ Indiana Armory	239	98	.071	Y	242	99	.068	Y	179	98	.072	Y	98	.070	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
  2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
  3. Annual Values not meeting completeness criteria are marked with an asterisk ('\*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Aug. 18, 2023

**Pollutant:** Ozone(44201)  
**Standard Units:** Parts per million(007)  
**NAAQS Standard:** Ozone 8-hour 2015  
**Statistic:** Annual 4th Maximum

**Design Value Year:** 2019

**REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.**

**Level:** .07

**State:** Indiana

<u>Site ID</u>	<u>Poc STREET ADDRESS</u>	<u>2019</u>				<u>2018</u>				<u>2017</u>				<u>3 - Year</u>		
		<u>Valid Days</u>	<u>Percent Complete</u>	<u>4th Max</u>	<u>Cert&amp; Eval</u>	<u>Valid Days</u>	<u>Percent Complete</u>	<u>4th Max</u>	<u>Cert&amp; Eval</u>	<u>Valid Days</u>	<u>Percent Complete</u>	<u>4th Max</u>	<u>Cert&amp; Eval</u>	<u>Percent Complete</u>	<u>Design Value</u>	<u>D. V. Validity</u>
18-019-0008	12500 St. Rd. 62- Charlestown State Park/ Indiana Armory	244	100	.064	Y	239	98	.071	Y	242	99	.068	Y	99	.067	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
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  3. Annual Values not meeting completeness criteria are marked with an asterisk ('\*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Aug. 18, 2023

Pollutant: Ozone(44201)

Standard Units: Parts per million(007)

NAAQS Standard: Ozone 8-hour 2015

Statistic: Annual 4th Maximum Level: .07

Design Value Year: 2020

REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

State: Indiana

Site ID	Poc STREET ADDRESS	2020				2019				2018				3 - Year		
		Valid Days	Percent Complete	4th Max	Cert& Eval	Valid Days	Percent Complete	4th Max	Cert& Eval	Valid Days	Percent Complete	4th Max	Cert& Eval	Percent Complete	Design Value	D. V. Validity
18-019-0008	12500 St. Rd. 62- Charlestown State Park/ Indiana Armory	240	98	.062	Y	244	100	.064	Y	239	98	.071	Y	99	.065	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
  2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
  3. Annual Values not meeting completeness criteria are marked with an asterisk ('\*').



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Aug. 18, 2023

Pollutant: Ozone(44201)

Standard Units: Parts per million(007)

NAAQS Standard: Ozone 8-hour 2015

Statistic: Annual 4th Maximum Level: .07

Design Value Year: 2021

REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

State: Indiana

Site ID	Poc STREET ADDRESS	2021				2020				2019				3 - Year		
		Valid Days	Percent Complete	4th Max	Cert& Eval	Valid Days	Percent Complete	4th Max	Cert& Eval	Valid Days	Percent Complete	4th Max	Cert& Eval	Percent Complete	Design Value	D. V. Validity
18-019-0008	12500 St. Rd. 62- Charlestown State Park/ Indiana Armory	245	100	.063	Y	240	98	.062	Y	244	100	.064	Y	99	.063	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
  2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
  3. Annual Values not meeting completeness criteria are marked with an asterisk ('\*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Aug. 18, 2023

**Pollutant:** Ozone(44201)

**Standard Units:** Parts per million(007)

**NAAQS Standard:** Ozone 8-hour 2015

**Statistic:** Annual 4th Maximum      **Level:** .07

**Design Value Year:** 2022

**REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.**

**State:** Indiana

<u>Site ID</u>	<u>Poc STREET ADDRESS</u>	<u>2022</u>				<u>2021</u>				<u>2020</u>				<u>3 - Year</u>		
		<u>Valid Days</u>	<u>Percent Complete</u>	<u>4th Max</u>	<u>Cert&amp; Eval</u>	<u>Valid Days</u>	<u>Percent Complete</u>	<u>4th Max</u>	<u>Cert&amp; Eval</u>	<u>Valid Days</u>	<u>Percent Complete</u>	<u>4th Max</u>	<u>Cert&amp; Eval</u>	<u>Percent Complete</u>	<u>Design Value</u>	<u>D. V. Validity</u>
18-019-0008	12500 St. Rd. 62- Charlestown State Park/ Indiana Armory	240	98	.064	Y	245	100	.063	Y	240	98	.062	Y	99	.063	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
  2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
  3. Annual Values not meeting completeness criteria are marked with an asterisk ('\*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Aug. 18, 2023

**Pollutant:** Ozone(44201)

**Standard Units:** Parts per million(007)

**NAAQS Standard:** Ozone 8-hour 2015

**Statistic:** Annual 4th Maximum      **Level:** .07

**Design Value Year:** 2012

**REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.**

**State:** Kentucky

Site ID	Poc STREET ADDRESS	2012				2011				2010				3 - Year		
		Valid Days	Percent Complete	4th Max	Cert& Eval	Valid Days	Percent Complete	4th Max	Cert& Eval	Valid Days	Percent Complete	4th Max	Cert& Eval	Percent Complete	Design Value	D. V. Validity
21-029-0006	SECOND & CARPENTER STREETS	244	100	.080	Y	242	99	.072	U	240	98	.074	U	99	.075	Y
21-111-0027	7601 BARDSTOWN RD, BATES ELEMENTARY SCH	244	100	.086	M	244	100	.081	Y	244	100	.075	U	100	.080	Y
21-111-0051	7201 WATSON LN, WATSON LN ELEMENTARY SCH	242	99	.081	M	243	99	.082	Y	244	100	.074	U	99	.079	Y
21-111-0067	2730 CANNONS LANE, BOWMAN FIELD	245	100	.090	M	241	98	.082	Y	239	98	.085	U	99	.085	Y
21-185-0004	KYTC MAINTENANCE FACILITY, 1601 SOUTH HWY 393	244	100	.092	Y	244	100	.090	U	242	99	.078	U	100	.086	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
  2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
  3. Annual Values not meeting completeness criteria are marked with an asterisk ('\*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Aug. 18, 2023

**Pollutant:** Ozone(44201)

**Standard Units:** Parts per million(007)

**NAAQS Standard:** Ozone 8-hour 2015

**Statistic:** Annual 4th Maximum      **Level:** .07

**Design Value Year:** 2013

**REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.**

**State:** Kentucky

Site ID	Poc STREET ADDRESS	2013				2012				2011				3 - Year		
		Valid Days	Percent Complete	4th Max	Cert& Eval	Valid Days	Percent Complete	4th Max	Cert& Eval	Valid Days	Percent Complete	4th Max	Cert& Eval	Percent Complete	Design Value	D. V. Validity
21-029-0006	SECOND & CARPENTER STREETS	242	99	.064	Y	244	100	.080	Y	242	99	.072	U	99	.072	Y
21-111-0027	7601 BARDSTOWN RD, BATES ELEMENTARY SCH	241	98	.064	S	244	100	.086	M	244	100	.081	Y	99	.077	Y
21-111-0051	7201 WATSON LN, WATSON LN ELEMENTARY SCH	0			* S	242	99	.081	M	243	99	.082	Y	66	.081	N
21-111-0067	2730 CANNONS LANE, BOWMAN FIELD	26	11	.038	* S	245	100	.090	M	241	98	.082	Y	70	.070	N
21-185-0004	KYTC MAINTENANCE FACILITY, 1601 SOUTH HWY 393	242	99	.064	Y	244	100	.092	Y	244	100	.090	U	100	.082	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
  2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
  3. Annual Values not meeting completeness criteria are marked with an asterisk ('\*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Aug. 18, 2023

**Pollutant:** Ozone(44201)

**Standard Units:** Parts per million(007)

**NAAQS Standard:** Ozone 8-hour 2015

**Statistic:** Annual 4th Maximum      **Level:** .07

**Design Value Year:** 2014

**REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.**

**State:** Kentucky

Site ID	Poc STREET ADDRESS	2014				2013				2012				3 - Year			
		Valid Days	Percent Complete	4th Max	Cert& Eval	Valid Days	Percent Complete	4th Max	Cert& Eval	Valid Days	Percent Complete	4th Max	Cert& Eval	Percent Complete	Design Value	D. V. Validity	
21-029-0006	SECOND & CARPENTER STREETS	221	90	.065	Y	242	99	.064	Y	244	100	.080	Y	96	.069	Y	
21-111-0027	7601 BARDSTOWN RD, BATES ELEMENTARY SCH	244	100	.065	Y	241	98	.064	S	244	100	.086	M	99	.071	Y	
21-111-0051	7201 WATSON LN, WATSON LN ELEMENTARY SCH	230	94	.069	Y	0			*	S	242	99	.081	M	64	.075	N
21-111-0067	2730 CANNONS LANE, BOWMAN FIELD	239	98	.070	Y	26	11	.038	*	S	245	100	.090	M	70	.066	N
21-185-0004	KYTC MAINTENANCE FACILITY, 1601 SOUTH HWY 393	244	100	.068	Y	242	99	.064	Y	244	100	.092	Y	100	.074	Y	

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
  2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
  3. Annual Values not meeting completeness criteria are marked with an asterisk ('\*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Aug. 18, 2023

**Pollutant:** Ozone(44201)

**Standard Units:** Parts per million(007)

**NAAQS Standard:** Ozone 8-hour 2015

**Statistic:** Annual 4th Maximum      **Level:** .07

**Design Value Year:** 2015

**REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.**

**State:** Kentucky

Site ID	Poc STREET ADDRESS	2015				2014				2013				3 - Year			
		Valid Days	Percent Complete	4th Max	Cert& Eval	Valid Days	Percent Complete	4th Max	Cert& Eval	Valid Days	Percent Complete	4th Max	Cert& Eval	Percent Complete	Design Value	D. V. Validity	
21-029-0006	SECOND & CARPENTER STREETS	239	98	.067	Y	221	90	.065	Y	242	99	.064	Y	96	.065	Y	
21-111-0027	7601 BARDSTOWN RD, BATES ELEMENTARY SCH	201	82	.071	Y	244	100	.065	Y	241	98	.064	S	93	.066	Y	
21-111-0051	7201 WATSON LN, WATSON LN ELEMENTARY SCH	224	91	.069	Y	230	94	.069	Y	0			*	S	62	.069	N
21-111-0067	2730 CANNONS LANE, BOWMAN FIELD	244	100	.076	Y	239	98	.070	Y	26	11	.038*	S	70	.061	N	
21-185-0004	KYTC MAINTENANCE FACILITY, 1601 SOUTH HWY 393	189	77	.073	Y	244	100	.068	Y	242	99	.064	Y	92	.068	Y	

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
  2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Aug. 18, 2023

**Pollutant:** Ozone(44201)

**Standard Units:** Parts per million(007)

**NAAQS Standard:** Ozone 8-hour 2015

**Statistic:** Annual 4th Maximum      **Level:** .07

**Design Value Year:** 2016

**REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.**

**State:** Kentucky

Site ID	Poc STREET ADDRESS	2016				2015				2014				3 - Year		
		Valid Days	Percent Complete	4th Max	Cert& Eval	Valid Days	Percent Complete	4th Max	Cert& Eval	Valid Days	Percent Complete	4th Max	Cert& Eval	Percent Complete	Design Value	D. V. Validity
21-029-0006	SECOND & CARPENTER STREETS	234	96	.067	Y	239	98	.067	Y	221	90	.065	Y	95	.066	Y
21-111-0027	7601 BARDSTOWN RD, BATES ELEMENTARY SCH	213	87	.073	Y	201	82	.071	Y	244	100	.065	Y	90	.069	Y
21-111-0051	7201 WATSON LN, WATSON LN ELEMENTARY SCH	235	96	.070	Y	224	91	.069	Y	230	94	.069	Y	94	.069	Y
21-111-0067	2730 CANNONS LANE, BOWMAN FIELD	243	99	.076	Y	244	100	.076	Y	239	98	.070	Y	99	.074	Y
21-185-0004	KYTC MAINTENANCE FACILITY, 1601 SOUTH HWY 393	237	97	.069	Y	189	77	.073	Y	244	100	.068	Y	91	.070	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
  2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
  3. Annual Values not meeting completeness criteria are marked with an asterisk ('\*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Aug. 18, 2023

**Pollutant:** Ozone(44201)

**Standard Units:** Parts per million(007)

**NAAQS Standard:** Ozone 8-hour 2015

**Statistic:** Annual 4th Maximum      **Level:** .07

**Design Value Year:** 2017

**REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.**

**State:** Kentucky

Site ID	Poc STREET ADDRESS	2017				2016				2015				3 - Year		
		Valid Days	Percent Complete	4th Max	Cert& Eval	Valid Days	Percent Complete	4th Max	Cert& Eval	Valid Days	Percent Complete	4th Max	Cert& Eval	Percent Complete	Design Value	D. V. Validity
21-029-0006	SECOND & CARPENTER STREETS	232	95	.063	Y	234	96	.067	Y	239	98	.067	Y	96	.065	Y
21-111-0027	7601 BARDSTOWN RD, BATES ELEMENTARY SCH	244	100	.065	Y	213	87	.073	Y	201	82	.071	Y	90	.069	Y
21-111-0051	7201 WATSON LN, WATSON LN ELEMENTARY SCH	234	96	.066	Y	235	96	.070	Y	224	91	.069	Y	94	.068	Y
21-111-0067	2730 CANNONS LANE, BOWMAN FIELD	361	99	.072	Y	243	99	.076	Y	244	100	.076	Y	99	.074	Y
21-185-0004	KYTC MAINTENANCE FACILITY, 1601 SOUTH HWY 393	236	96	.064	Y	237	97	.069	Y	189	77	.073	Y	90	.068	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
  2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
  3. Annual Values not meeting completeness criteria are marked with an asterisk ('\*').



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Aug. 18, 2023

**Pollutant:** Ozone(44201)  
**Standard Units:** Parts per million(007)  
**NAAQS Standard:** Ozone 8-hour 2015

**Design Value Year:** 2018

**REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.**

**Statistic:** Annual 4th Maximum      **Level:** .07

**State:** Kentucky

Site ID	Poc STREET ADDRESS	2018				2017				2016				3 - Year		
		Valid Days	Percent Complete	4th Max	Cert& Eval	Valid Days	Percent Complete	4th Max	Cert& Eval	Valid Days	Percent Complete	4th Max	Cert& Eval	Percent Complete	Design Value	D. V. Validity
21-029-0006	SECOND & CARPENTER STREETS	230	94	.068	S	232	95	.063	Y	234	96	.067	Y	95	.066	Y
21-111-0027	7601 BARDSTOWN RD, BATES ELEMENTARY SCH				*	244	100	.065	Y	213	87	.073	Y	62	.069	N
21-111-0051	7201 WATSON LN, WATSON LN ELEMENTARY SCH	235	96	.069	Y	234	96	.066	Y	235	96	.070	Y	96	.068	Y
21-111-0067	2730 CANNONS LANE, BOWMAN FIELD	347	95	.077	Y	361	99	.072	Y	243	99	.076	Y	98	.075	Y
21-111-0080	4320 Billtown Road	215	88	.070	Y				*				*	29	.070	N
21-185-0004	KYTC MAINTENANCE FACILITY, 1601 SOUTH HWY 393	242	99	.069	S	236	96	.064	Y	237	97	.069	Y	97	.067	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
  2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
  3. Annual Values not meeting completeness criteria are marked with an asterisk ('\*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Aug. 18, 2023

**Pollutant:** Ozone(44201)

**Standard Units:** Parts per million(007)

**NAAQS Standard:** Ozone 8-hour 2015

**Statistic:** Annual 4th Maximum      **Level:** .07

**Design Value Year:** 2019

**REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.**

**State:** Kentucky

Site ID	Poc STREET ADDRESS	2019				2018				2017				3 - Year		
		Valid Days	Percent Complete	4th Max	Cert& Eval	Valid Days	Percent Complete	4th Max	Cert& Eval	Valid Days	Percent Complete	4th Max	Cert& Eval	Percent Complete	Design Value	D. V. Validity
21-029-0006	SECOND & CARPENTER STREETS	241	98	.063	Y	230	94	.068	S	232	95	.063	Y	96	.064	Y
21-111-0027	7601 BARDSTOWN RD, BATES ELEMENTARY SCH				*				*	244	100	.065	Y	33	.065	N
21-111-0051	7201 WATSON LN, WATSON LN ELEMENTARY SCH	244	100	.065	Y	235	96	.069	Y	234	96	.066	Y	97	.066	Y
21-111-0067	2730 CANNONS LANE, BOWMAN FIELD	359	98	.068	Y	347	95	.077	Y	361	99	.072	Y	97	.072	Y
21-111-0080	4320 Billtown Road	236	96	.064	Y	215	88	.070	Y				*	61	.067	N
21-185-0004	KYTC MAINTENANCE FACILITY, 1601 SOUTH HWY 393	241	98	.065	Y	242	99	.069	S	236	96	.064	Y	98	.066	Y

- Notes:**
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Aug. 18, 2023

**Pollutant:** Ozone(44201)  
**Standard Units:** Parts per million(007)  
**NAAQS Standard:** Ozone 8-hour 2015  
**Statistic:** Annual 4th Maximum

**Design Value Year:** 2020

**REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.**

**Level:** .07

**State:** Kentucky

Site ID	Poc STREET ADDRESS	2020				2019				2018				3 - Year		
		Valid Days	Percent Complete	4th Max	Cert& Eval	Valid Days	Percent Complete	4th Max	Cert& Eval	Valid Days	Percent Complete	4th Max	Cert& Eval	Percent Complete	Design Value	D. V. Validity
21-029-0006	SECOND & CARPENTER STREETS	237	97	.065	Y	241	98	.063	Y	230	94	.068	S	96	.065	Y
21-111-0051	7201 WATSON LN, WATSON LN ELEMENTARY SCH	244	100	.063	Y	244	100	.065	Y	235	96	.069	Y	99	.065	Y
21-111-0067	2730 CANNONS LANE, BOWMAN FIELD	364	99	.071	Y	359	98	.068	Y	347	95	.077	Y	97	.072	Y
21-111-0080	4320 Billtown Road	242	99	.068	Y	236	96	.064	Y	215	88	.070	Y	94	.067	Y
21-185-0004	KYTC MAINTENANCE FACILITY, 1601 SOUTH HWY 393	237	97	.061	Y	241	98	.065	Y	242	99	.069	S	98	.065	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
  2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Aug. 18, 2023

**Pollutant:** Ozone(44201)

**Standard Units:** Parts per million(007)

**NAAQS Standard:** Ozone 8-hour 2015

**Statistic:** Annual 4th Maximum      **Level:** .07

**Design Value Year:** 2021

**REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.**

**State:** Kentucky

Site ID	Poc STREET ADDRESS	2021				2020				2019				3 - Year		
		Valid Days	Percent Complete	4th Max	Cert& Eval	Valid Days	Percent Complete	4th Max	Cert& Eval	Valid Days	Percent Complete	4th Max	Cert& Eval	Percent Complete	Design Value	D. V. Validity
21-029-0006	SECOND & CARPENTER STREETS	233	95	.065	Y	237	97	.065	Y	241	98	.063	Y	97	.064	Y
21-111-0051	7201 WATSON LN, WATSON LN ELEMENTARY SCH	240	98	.067	Y	244	100	.063	Y	244	100	.065	Y	99	.065	Y
21-111-0067	2730 CANNONS LANE, BOWMAN FIELD	363	99	.069	Y	364	99	.071	Y	359	98	.068	Y	99	.069	Y
21-111-0080	4320 Billtown Road	224	91	.073	Y	242	99	.068	Y	236	96	.064	Y	95	.068	Y
21-185-0004	KYTC MAINTENANCE FACILITY, 1601 SOUTH HWY 393	242	99	.065	Y	237	97	.061	Y	241	98	.065	Y	98	.063	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Aug. 18, 2023

**Pollutant:** Ozone(44201)

**Standard Units:** Parts per million(007)

**NAAQS Standard:** Ozone 8-hour 2015

**Statistic:** Annual 4th Maximum      **Level:** .07

**Design Value Year:** 2022

**REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.**

**State:** Kentucky

Site ID	Poc STREET ADDRESS	2022				2021				2020				3 - Year		
		Valid Days	Percent Complete	4th Max	Cert& Eval	Valid Days	Percent Complete	4th Max	Cert& Eval	Valid Days	Percent Complete	4th Max	Cert& Eval	Percent Complete	Design Value	D. V. Validity
21-029-0006	SECOND & CARPENTER STREETS	237	97	.063	Y	233	95	.065	Y	237	97	.065	Y	96	.064	Y
21-111-0051	7201 WATSON LN, WATSON LN ELEMENTARY SCH	243	99	.067	Y	240	98	.067	Y	244	100	.063	Y	99	.065	Y
21-111-0067	2730 CANNONS LANE, BOWMAN FIELD	360	99	.072	Y	363	99	.069	Y	364	99	.071	Y	99	.070	Y
21-111-0080	4320 Billtown Road	242	99	.067	Y	224	91	.073	Y	242	99	.068	Y	96	.069	Y
21-185-0004	KYTC MAINTENANCE FACILITY, 1601 SOUTH HWY 393	244	100	.063	Y	242	99	.065	Y	237	97	.061	Y	99	.063	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
  2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
  3. Annual Values not meeting completeness criteria are marked with an asterisk ('\*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
AIR QUALITY SYSTEM  
PRELIMINARY DESIGN VALUE REPORT

Report Date: Aug. 18, 2023

CERTIFICATION EVALUATION AND CONCURRENCE FLAG MEANINGS

FLAG	MEANING
M	The monitoring organization has revised data from this monitor since the most recent certification letter received from the state.
N	The certifying agency has submitted the certification letter and required summary reports, but the certifying agency and/or EPA has determined that issues regarding the quality of the ambient concentration data cannot be resolved due to data completeness, the lack of performed quality assurance checks or the results of uncertainty statistics shown in the AMP255 report or the certification and quality assurance report.
S	The certifying agency has submitted the certification letter and required summary reports. A value of "S" conveys no Regional assessment regarding data quality per se. This flag will remain until the Region provides an "N" or "Y" concurrence flag.
U	Uncertified. The certifying agency did not submit a required certification letter and summary reports for this monitor even though the due date has passed, or the state's certification letter specifically did not apply the certification to this monitor.
X	Certification is not required by 40 CFR 58.15 and no conditions apply to be the basis for assigning another flag value
Y	The certifying agency has submitted a certification letter, and EPA has no unresolved reservations about data quality (after reviewing the letter, the attached summary reports, the amount of quality assurance data submitted to AQS, the quality statistics, and the highest reported concentrations).

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
  2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
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# **APPENDIX B**

## **Public Notices and Statement of Consideration**

**KENTUCKY DIVISION FOR AIR QUALITY PUBLIC NOTICE FOR  
1997 8-HOUR OZONE NATIONAL AMBIENT AIR QUALITY STANDARD, SECOND  
10-YEAR LIMITED MAINTENANCE PLAN FOR KENTUCKY PORTION OF THE  
LOUISVILLE KY-IN MAINTENANCE AREA**

The Kentucky Energy and Environment Cabinet (Cabinet) is requesting EPA's approval that the proposed State Implementation Plan (SIP) revision satisfies the requirements for the second 10-year Limited Maintenance Plan (LMP) for the 1997 8-hour ozone National Ambient Air Quality Standard (NAAQS) for Jefferson, Oldham and Bullitt counties located in the Louisville KY-IN 1997 8-hour ozone nonattainment area. The draft SIP revision LMP demonstrates that emissions continue to remain below the level of the 2003 attainment inventory. The draft SIP revision LMP also ensures the Kentucky Division for Air Quality (Division) and the Louisville Metro Air Pollution Control District (District) will continue to operate their monitoring network to verify continued attainment of the standard and provides a contingency plan in the event of a violation of the standard.

In accordance with 40 CFR 51.102, the Cabinet is making this proposed plan available for public inspection and provides the opportunity for public comment regarding Bullitt and Oldham counties. The proposed plan can be found at <https://eec.ky.gov/Environmental-Protection/Air/Pages/Public-Notices.aspx>. The public comment period will be open from June 1, 2023 through July 7, 2023. Comments should be submitted in writing to the contact person by either mail or email.

The Cabinet will conduct a virtual public hearing on July 7, 2023, at 10:00 a.m. (Eastern Time). This hearing will be held to receive comments on the proposed SIP revision. This hearing is open to the public and all interested persons will be given the opportunity to present testimony. To assure that all comments are accurately recorded, the Division requests that oral comments presented at the hearing are also provided in written form, if possible. It is not necessary that the hearing be held or attended in order for persons to comment on the proposed administrative regulation. If no request for a public hearing is received by June 30, 2023, the hearing will be cancelled, and notice of the cancellation will be posted at <https://eec.ky.gov/Environmental-Protection/Air/Pages/Public-Notices.aspx>. Written comments should be sent to the contact person and must be received by June 29, 2023, to be considered part of the public record.

Please note that registration is required to participate in this hearing. You must either email your name and mailing address to [blake.borwig@ky.gov](mailto:blake.borwig@ky.gov) or mail this information to Blake Borwig, Division for Air Quality, 300 Sower Building, 2nd Floor, Frankfort, KY 40601. Please put "Registration for 1997 8-hour ozone NAAQS second 10-year LMP for the Kentucky portion of the Louisville KY-IN Maintenance Area public hearing" as the subject line, and state in the body of the message if you plan to speak during the hearing.

**CONTACT PERSON:** Blake Borwig, Environmental Scientist II, Evaluation Section, Division for Air Quality, 300 Sower Boulevard, Frankfort, Kentucky 40601. Phone: (502) 782-2751; Email: [blake.borwig@ky.gov](mailto:blake.borwig@ky.gov).

**The Energy and Environment Cabinet does not discriminate on the basis of race, color, national origin, sex, age, religion or disability and provides, upon request, reasonable accommodation including auxiliary aids and services necessary to afford an individual with a disability an equal opportunity to participate in all services, programs and activities.**



## Notice of Public Comment Period and Hearing

The Louisville Metro Air Pollution Control District (District) opens a public comment period on June 7, 2023, on the proposed SIP revision for the second 10-year Limited Maintenance Plan for the 1997 8-hour ozone National Ambient Air Quality Standard (NAAQS) for Jefferson County. The Kentucky Division for Air Quality (DAQ) is also providing the opportunity for public comment regarding Bullitt and Oldham Counties. [The Bullitt and Oldham County Public Notice can be found on their website](#). If approved, the Kentucky Division for Air Quality will submit the Plan to EPA for inclusion in the Kentucky State Implementation Plan.

Written statements will be accepted by Michelle King, Executive Administrator and Director of Program Planning, Louisville Metro Air Pollution Control District, 701 W. Ormsby Ave., Louisville, Ky 40203, until 5:00 PM, July 7, 2023. Written statements will also be accepted electronically until the same deadline [through the District's email form](#). If one is requested, oral statements will be accepted at a public hearing via Video Teleconference on Wednesday, July 19, 2023, at 10:00 AM. The District invites the public to attend. Instructions for attending the meeting via video teleconference will be posted [on the District website](#) before the meeting and emailed to [subscribers of APCD Public Notices](#). Members of the public may also attend the public hearing in the Edison Room of the Edison Center at 701 West Ormsby Avenue, Louisville, Kentucky 40203. Request for a public hearing must be received no later than July 7, 2023. If no request for a public hearing is received, the hearing will be cancelled and notice of the cancellation will be posted [on the District website](#), or you may call (502) 574-6000.

A paper copy of the proposal may be obtained from the District by contacting us at (502) 574-6000. Please specify that you are calling about the proposed second 10-year Limited Maintenance Plan for the 1997 8-hour ozone NAAQS, provide your name and mailing address, and allow time for processing and delivery via USPS. An electronic copy of the proposal may be downloaded from [the District website](#).

**STATEMENT OF CONSIDERATION  
Relating to Proposed SIP**

**Second 10-Year Limited Maintenance Plan for the  
Kentucky Portion of the Louisville KY-IN 1997 Ozone NAAQS Maintenance Area**

**Energy and Environment Cabinet  
Kentucky Department for Environmental Protection  
Division for Air Quality**

From June 1, 2023, until July 7, 2023, the Kentucky Division for Air Quality (Division) provided an opportunity for comments on the proposed State Implementation Plan (SIP) revision regarding the second 10-year Limited Maintenance Plan (LMP) for Oldham and Bullitt counties within the Louisville KY-IN 1997 8-hour ozone maintenance area. The public notice announcing the public comment period included an opportunity to request a virtual public hearing. A request for a public hearing was received; therefore, the scheduled virtual public hearing was held by the Division on July 7<sup>th</sup> at 10 a.m. EDT.

From June 7, 2023, until July 7, 2023, the Louisville Metro Air Pollution Control District (District) provided an opportunity for comments on the proposed SIP revision regarding the second 10-year LMP the Jefferson County portion of the Louisville KY-IN 1997 8-hour ozone maintenance area. The public notice announcing the public comment period included an opportunity to request a public hearing. A request for a public hearing was not received; therefore, the District's scheduled public hearing was cancelled.

During the public comment period, both the Division and the District received comments from the U.S. Environmental Protection Agency (U.S. EPA). The Division also received a comment from a concerned citizen. All comments and responses are listed below.

**Response to Comments for the proposed SIP revision regarding the second 10-year Limited Maintenance Plan for the Kentucky portion of the Louisville KY-IN Maintenance Area**

**1. Comment:** Kentucky will need to continue to assess the monitoring data for the 2023 ozone season to ensure that the Louisville area still meets the qualifications for a limited maintenance plan for the 1997 ozone standard. If the area no longer qualifies for a limited maintenance plan, a full maintenance plan (including motor vehicle emissions budgets) will be required.

*(Lynorae Benjamin, U.S. EPA)*

**Response:** The Division acknowledges this comment. At the time of this SIP submittal, certified monitoring data for the year 2022 indicates that the design value for the maintenance area is 0.70 ppm, which is below the 85% threshold, thus meeting the qualifications for a limited maintenance plan for the 1997 ozone standard.

**2. Comment:** Since 2022 air monitoring data was required to be certified by May 1, 2023, please update the monitoring data in Section II.b and Appendix A to include the 2022 data and the 2020-2022 design values.

*(Lynorae Benjamin, U.S. EPA)*

**Response:** The Division acknowledges this comment. Certified 2022 monitoring data has been added to the LMP and Appendix A has been updated accordingly.

**3. Comment:** Kentucky Division for Air Quality cites guidance from the U.S. EPA which says that states are only eligible for a Limited Maintenance Plan (LMP) SIP if their current design value is below 85% of the level of the standard. 2023 design values for the Area are currently at 0.071 ppm and could rise throughout the remainder of the year, which would disqualify the state from being able to submit a LMP SIP.

Given current air quality issues in the Area, it is advisable to include modeling that ensures the Area will maintain and attain the National Ambient Air Quality Standards for ozone to satisfy the second 10-year LMP requirements adequately.

*(Tori Hafner, concerned citizen)*

**Response:** The Division acknowledges this comment. At the time of this SIP submittal, certified monitoring data for the year 2022 indicates that the design value for the maintenance area is 0.70 ppm, which is below the 85% threshold, thus meeting the qualifications for a limited maintenance plan for the 1997 ozone standard. Furthermore, because the maintenance area meets the qualifications for a limited maintenance plan submittal, additional modeling is not necessary.

# **APPENDIX C**

## **Kentucky Division for Air Quality Public Hearing Minutes**

COMMONWEALTH OF KENTUCKY  
KENTUCKY DIVISION FOR AIR QUALITY  
EVALUATION SECTION

RE: Submittal of the proposed Kentucky State Implementation Plan revision, satisfying the second 10-year Limited Maintenance Plan of Bullitt, Jefferson, and Oldham Counties for the 1997 8-hour ozone National Ambient Air Quality Standards (NAAQS)

PUBLIC HEARING

\* \* \* \* \*

10:00 A.M.  
July 7, 2023  
Sower Building  
300 Sower Boulevard  
Conference Room 212  
Frankfort, Kentucky

\* \* \* \* \*

APPEARANCES

Hon. Lauren Hedge  
MODERATOR

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ALSO PRESENT:

Anna Bowman  
Blake Borwig  
Claire Oylar  
Tori Hafner

1 MS. HEDGE: Good morning. It is 10:05  
2 a.m. on July 7. My name is Lauren Hedge with the Kentucky  
3 Division for Air Quality, Evaluation Section. As your  
4 Moderator, I declare this Public Hearing in session.

5 First, The Division asks that everyone  
6 attending today's virtual hearing provide their name,  
7 affiliation/company, and address in the chat box.  
8 This information is requested by the Division for  
9 attendance and legal purposes.

10 Today's hearing announcement was  
11 published on the Division's website on June 1, 2023.  
12 This is a non-adversarial hearing. Therefore, the Division  
13 will not respond to comments or questions  
14 regarding the proposed actions and individuals who  
15 present testimony will not be questioned by anyone  
16 attending this hearing. However, a Division  
17 representative may ask questions in order to clarify the  
18 meaning or intent of a comment.

19 All comments received in an  
20 appropriate format, either written or oral, by the close  
21 of the comment period will receive equal consideration.  
22 The Division will provide its Statement of Consideration,  
23 addressing any comments received during the public comment  
24 period, to anyone who requests a copy. Please contact Blake  
25 Borwig at [blake.borwig@ky.gov](mailto:blake.borwig@ky.gov) to request a copy.

26 Today's hearing is being recorded.

1 Anyone interested in obtaining a copy of the transcript  
2 should contact Blake Borwig at [blake.borwig@ky.gov](mailto:blake.borwig@ky.gov).  
3 Before we go further, are there any questions?

4 Today's hearing is being conducted in  
5 order to receive public comment concerning the proposed  
6 State Implementation Plan (SIP) revision, which satisfies  
7 the requirements for the second 10-year Limited  
8 Maintenance Plan for the 1997 8-hour ozone National  
9 Ambient Air Quality Standard for Oldham and Bullitt  
10 counties located in the Louisville KY-IN 1997 8-hour ozone  
11 nonattainment area. Please note that this hearing only  
12 pertains to Bullitt and Oldham counties, and does not  
13 include Jefferson County, as the Louisville Metro Air  
14 Pollution Control District is conducting a hearing for  
15 Jefferson County.

16 If anyone would like to present  
17 testimony, please use the "Reactions" feature to raise  
18 your hand virtually. And just in case anyone needs  
19 assistance with that, you can find the "Reactions" button  
20 at the bottom of your screen if on a desktop or laptop  
21 device. If you are attending this hearing on a mobile  
22 device, please select the ellipses (three horizontal dots  
23 on the bottom right of your screen) followed by the "more"  
24 icon to find the raise hand feature.

25 We will address each individual with  
26 their hand raised and allow them the opportunity to speak.  
27 After we have called upon you and you have finished  
28 speaking, please lower your hand.



29                   You'll need to select the 'Reactions'  
30 button again and select 'Lower Hand' to lower your hand.  
31 We will ensure each participant with their hand raised has  
32 the opportunity to supply comments during this hearing.

33                   Since no one has indicated to present  
34 testimony at today's hearing, we'll pause the hearing  
35 record for ten to 15 minutes to allow for late arrivals  
36 and then we'll reopen the session. The time is now  
37 10:09 a.m.

38 (OFF THE RECORD)

39                   MS. HEDGE: It is now 10:19 a.m. The  
40 hearing record is reopened. Are there any late arrivals  
41 who would like to present testimony? It looks like there  
42 are none. Does anyone present who has not offered comments  
43 previously have any final comments before we close the  
44 hearing? Okay, in the absence of any additional  
45 testimony, this public hearing is adjourned. Thank you.

46 (END OF PUBLIC HEARING)