



**ENVIRONMENTAL PROTECTION AGENCY**

**40 CFR Part 52**

**[EPA-R04-OAR-2013-0271; FRL- 9814-2]**

**Approval and Promulgation of Implementation Plans; Kentucky; Stage II Requirements for Enterprise Holdings, Inc. at Cincinnati/Northern Kentucky International Airport in Boone County**

**AGENCY:** Environmental Protection Agency (EPA).

**ACTION:** Proposed rule.

**SUMMARY:** EPA is proposing to approve a source-specific State Implementation Plan (SIP) revision submitted to EPA by the Commonwealth of Kentucky, through the Kentucky Division for Air Quality (KDAQ) on April 25, 2013, for the purpose of exempting Enterprise Holdings, Inc., facility from the Clean Air Act (CAA or Act) Stage II vapor control requirements. The Enterprise Holdings, Inc., facility is currently being constructed at the Cincinnati/Northern Kentucky International Airport in Boone County, Kentucky. EPA's proposed approval of this revision to Kentucky's SIP is based on the December 12, 2006, EPA policy memorandum from Stephen D. Page, entitled "*Removal of Stage II Vapor Recovery in Situations Where Widespread Use of Onboard Refueling Vapor Recovery is Demonstrated.*" This action is being taken pursuant to the CAA.

**DATES:** Comments must be received on or before [insert date 30 days after date of publication in the Federal Register].

**ADDRESSES:** Submit your comments, identified by Docket ID No. EPA-R04-OAR-2013-0271 by one of the following methods:

1. [www.regulations.gov](http://www.regulations.gov): Follow the on-line instructions for submitting comments.
2. E-mail: [R4-RDS@epa.gov](mailto:R4-RDS@epa.gov).
3. Fax: (404) 562-9019.
4. Mail: EPA-R04-OAR-2013-0271, Regulatory Development Section, Air Planning Branch, Air, Pesticides and Toxics Management Division, U.S. Environmental Protection Agency, Region 4, 61 Forsyth Street, SW, Atlanta, Georgia 30303-8960.
5. Hand Delivery or Courier: Lynorae Benjamin, Chief, Regulatory Development Section, Air Planning Branch, Air, Pesticides and Toxics Management Division, U.S. Environmental Protection Agency, Region 4, 61 Forsyth Street, SW, Atlanta, Georgia 30303-8960. Such deliveries are only accepted during the Regional Office's normal hours of operation. The Regional Office's official hours of business are Monday through Friday, 8:30 to 4:30, excluding federal holidays.

*Instructions:* Direct your comments to Docket ID No. "EPA-R04-OAR-2013-0271." EPA's policy is that all comments received will be included in the public docket without change and may be made available online at [www.regulations.gov](http://www.regulations.gov), including any personal information

provided, unless the comment includes information claimed to be Confidential Business Information (CBI) or other information whose disclosure is restricted by statute. Do not submit through [www.regulations.gov](http://www.regulations.gov) or e-mail, information that you consider to be CBI or otherwise protected. The [www.regulations.gov](http://www.regulations.gov) website is an “anonymous access” system, which means EPA will not know your identity or contact information unless you provide it in the body of your comment. If you send an e-mail comment directly to EPA without going through [www.regulations.gov](http://www.regulations.gov), your e-mail address will be automatically captured and included as part of the comment that is placed in the public docket and made available on the Internet. If you submit an electronic comment, EPA recommends that you include your name and other contact information in the body of your comment and with any disk or CD-ROM you submit. If EPA cannot read your comment due to technical difficulties and cannot contact you for clarification, EPA may not be able to consider your comment. Electronic files should avoid the use of special characters, any form of encryption, and be free of any defects or viruses. For additional information about EPA’s public docket visit the EPA Docket Center homepage at <http://www.epa.gov/epahome/dockets.htm>.

*Docket:* All documents in the electronic docket are listed in the [www.regulations.gov](http://www.regulations.gov) index. Although listed in the index, some information is not publicly available, i.e., CBI or other information whose disclosure is restricted by statute. Certain other material, such as copyrighted material, is not placed on the Internet and will be publicly available only in hard copy form. Publicly available docket materials are available either electronically in [www.regulations.gov](http://www.regulations.gov) or

in hard copy at the Regulatory Development Section, Air Planning Branch, Air, Pesticides and Toxics Management Division, U.S. Environmental Protection Agency, Region 4, 61 Forsyth Street, SW, Atlanta, Georgia 30303-8960. EPA requests that if at all possible, you contact the person listed in the **FOR FURTHER INFORMATION CONTACT** section to schedule your inspection. The Regional Office's official hours of business are Monday through Friday, 8:30 to 4:30, excluding federal holidays.

**FOR FURTHER INFORMATION CONTACT:** For information regarding this source specific SIP revision, contact Ms. Kelly Sheckler, Regulatory Development Section, Air Planning Branch, Air, Pesticides and Toxics Management Division, U.S. Environmental Protection Agency, Region 4, 61 Forsyth Street, SW, Atlanta, Georgia 30303-8960. Ms. Sheckler's telephone number is (404) 562-9992; e-mail address: [sheckler.kelly@epa.gov](mailto:sheckler.kelly@epa.gov).

**SUPPLEMENTARY INFORMATION:**

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## **I. Background**

Under the CAA Amendments of 1990, EPA designated and classified three Kentucky Counties (Boone, Campbell and Kenton) and four Ohio Counties (Butler, Clermont, Hamilton and Warren) as a “moderate” nonattainment area for the 1-hour ozone national ambient air quality standards (NAAQS) as part of the Cincinnati/Northern Kentucky Area. *See* 56 FR 56694, effective January 6, 1992. The designation was based on the Area’s 1-hour ozone design value of 0.157 parts per million for the three year period of 1988-1990.

Pursuant to the requirements of section 182(b)(3) of the CAA, KDAQ developed the Kentucky Administrative Regulations (KAR) 401 KAR 59:174 Stage II controls at gasoline dispensing facilities, and submitted the rule to EPA for approval as part of Kentucky’s ozone SIP. The rule was adopted by Kentucky on January 12, 1998, and approved by EPA into the SIP on December 8, 1998. *See* 63 FR 67586. Under this regulation, gasoline dispensing facilities with a monthly throughput of 25,000 gallons or more located in a Kentucky County in which the entire County is classified as severe, serious, or moderate nonattainment for ozone are required to install Stage II vapor recovery systems.

On October 29, 1999, having implemented all measures required of Kentucky to that date for moderate ozone nonattainment areas under the CAA, and with three years of data (1996-1998) showing compliance with the 1-hour ozone standards, KDAQ submitted to EPA an ozone maintenance plan and request for redesignation of the Kentucky portion of Cincinnati/Northern Kentucky area to attainment status. The maintenance plan, as required under section 175A of the CAA, showed that nitrogen oxides and volatile organic compounds (VOC) emissions in the Area

would remain below the 1990 “attainment year’s” levels. In making these projections KDAQ factored in the emissions benefit (primarily VOC) of the Area’s Stage II program, and did not remove this program from the Kentucky SIP. The redesignation request and maintenance plan were approved by EPA, effective June 19, 2000 (65 FR 37879).

Since the Kentucky Stage II program was already in place and had been included in the Commonwealth’s October 29, 1999, redesignation request and 1-hour ozone maintenance plan for the Area, KDAQ elected not to remove the program from the SIP at that time. On April 6, 1994, EPA promulgated regulations requiring the phase-in of onboard refueling vapor recovery (ORVR) systems on new motor vehicles. Under section 202(a)(6) of the CAA, moderate ozone nonattainment areas are not required to implement Stage II vapor recovery programs after promulgation of ORVR standards.

## **II. Analysis of the Commonwealth’s Submittal**

EPA’s primary consideration for determining the approvability of Kentucky’s request to exempt Stage II vapor control requirements for the Enterprise Holdings, Inc., facility located at the Cincinnati/Northern Kentucky International Airport in Boone County is whether this requested action complies with section 110(l) of the CAA. Below is EPA’s analysis of these considerations.

**a. Federal Requirements for Stage II**

States were required to adopt Stage II rules for all areas classified as “moderate” or worse under section 182(b)(3) of the CAA. However, section 202(a)(6) of the CAA states that “the requirements of section 182(b)(3) (relating to Stage II gasoline vapor recovery) for areas classified under section 181 as moderate for ozone shall not apply after the promulgation of such [ORVR] standards.” ORVR regulations were promulgated by EPA on April 6, 1994. *See* 59 FR 16262, and 40 CFR 86.001, .098). As a result, the CAA no longer requires moderate areas to impose Stage II controls under section 182(b)(3), and such areas may seek SIP revisions to remove such requirements from their SIP, subject to section 110(l) of the Act. EPA’s policy memorandum related to ORVR, dated March 9, 1993, and June 23, 1993, provided further guidance on an allowance for removing Stage II requirements from certain areas. The policy memorandum dated March 9, 1993, states “[w]hen onboard rules are promulgated, a State may withdraw its Stage II rules for moderate areas from the SIP (or from consideration as a SIP revisions) consistent with its obligation under sections 182(b)(3) and 202(a)(6), so long as withdrawal will not interfere with any other applicable requirements of the Act.” Because Kentucky is taking credit for Stage II in its maintenance plan, the Commonwealth’s request for a source specific exemption from the State II vapor control requirements is subject to section 110(l) of the CAA.

Section 110(l) of the Act provides that EPA cannot approve a SIP revision if that revision interferes with any applicable requirement regarding attainment, reasonable further progress (RFP) or any requirement established in the CAA. EPA can approve a SIP revision that removes

or modifies control measures in the SIP once states make a “noninterference” demonstration that such a removal or modification will not interfere with attainment of the NAAQS, RFP or any other CAA requirement. As such, Kentucky must make a demonstration of noninterference in order to exempt Stage II from the SIP for Enterprise Holdings, Inc. facility located at the Cincinnati/Northern Kentucky International Airport in Boone County.

**b. Cincinnati-Hamilton Interstate Area Air Quality Status**

With respect to ozone, on April 30, 2004, EPA designated the Cincinnati/Northern Kentucky Area as nonattainment for the 1997 8-hour ozone NAAQS. *See* 69 FR 23857. On January 29, 2010, the Commonwealth submitted to EPA a redesignation request and maintenance plan for the 1997 8-hour ozone NAAQS. As a result the Cincinnati/Northern Kentucky area was redesignated to attainment for the 1997 8-hour ozone NAAQS on August 5, 2010 (75 FR 4718). EPA then designated portions of Boone, Campbell and Kenton Counties in Kentucky as nonattainment for the 2008 8-hour ozone NAAQS as part of the Cincinnati/Northern Kentucky Nonattainment Area. This designation for the 2008 8-hour ozone NAAQS was effective July 20, 2012. *See* 77 FR 30088.

With respect to PM, on July 18, 1997, EPA promulgated the first air quality standards for PM<sub>2.5</sub>. EPA promulgated an annual PM<sub>2.5</sub> standard at a level of 15 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ), based on a 3-year average of annual mean PM<sub>2.5</sub> concentrations. In the same rulemaking, EPA promulgated a 24-hour standard of 65  $\mu\text{g}/\text{m}^3$ , based on a 3-year average of the 98th percentile of 24-hour PM<sub>2.5</sub> concentrations. On January 5, 2005, at 70 FR 944, and

supplemented on April 14, 2005, at 70 FR 19844, EPA designated Boone, Campbell, and Kenton Counties in Kentucky as part of the Tri-state Cincinnati-Hamilton Nonattainment Area for the 1997 PM<sub>2.5</sub> NAAQS.<sup>1</sup>

On January 27, 2011, KDAQ submitted a request to redesignate the Kentucky portion of the Tri-state Cincinnati-Hamilton Area PM<sub>2.5</sub> Nonattainment Area to attainment for the 1997 Annual PM<sub>2.5</sub> NAAQS based on 2007-2009 data. On December 15, 2011, EPA published the final rulemaking redesignating the Area to attainment for the 1997 annual PM<sub>2.5</sub> NAAQS. *See* 76 FR 77904.

In 2006, EPA strengthened the primary and secondary 24-hour PM<sub>2.5</sub> NAAQS from 65 µg/m<sup>3</sup> to 35 µg/m<sup>3</sup>, and retained the current primary and secondary annual PM<sub>2.5</sub> NAAQS at 15 µg/m<sup>3</sup>. *See* 71 FR 61144, October 17, 2006. The revision of the 24-hour PM<sub>2.5</sub> NAAQS in 2006, triggered the designation process for the NAAQS. The Cincinnati/Northern Kentucky Area was designated attainment for the 2006 PM<sub>2.5</sub> NAAQS. *See* 74 FR 58688, November 13, 2009.

**c. Non-Interference Demonstration for Exemption of Stage II Requirements.**

EPA is making the preliminary determination that Kentucky's April 25, 2013, proposed source-specific revision to the Kentucky SIP is approvable based on the CAA and the December 12, 2006, EPA memorandum from Stephen D. Page entitled, "*Removal of Stage II Vapor Recovery in Situations Where Widespread use of On-board Refueling Vapor Recovery is*

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<sup>1</sup> EPA subsequently clarified that the Tri-state Cincinnati-Hamilton Area was classified unclassifiable/attainment for the 24-hour NAAQS promulgated in 1997. *See* 74 FR 58688 (November 13, 2009).

*Demonstrated,*” which provides guidance to states concerning the removal of Stage II gasoline vapor recovery systems where states demonstrate to EPA that widespread use of ORVR has occurred in specific portions of the motor vehicle fleet.

As previously discussed, States were required to adopt Stage II rules for such areas under section 182(b)(3) of the CAA. However, section 202(a)(6) of the CAA provides that the requirements of section 182(b)(3) (relating to Stage II gasoline vapor recovery) for areas classified as moderate for ozone shall not apply after the promulgation of ORVR standards. In addition, section 202(a)(6) further provides that the Administrator may, by rule, revise or waive the application of requirements of section 182(b)(3) for areas classified as serious, severe, or extreme for ozone.

Section 202 ORVR regulations were promulgated by EPA on April 6, 1992, and the requirements of these regulations were phased in. In this circumstance, EPA does not view section 202 as requiring a determination of “widespread” use as is necessary for the source-specific SIP revision for Stage II requirements for the Enterprise Holdings, Inc., facility because the area is not designated a serious or above for ozone. EPA, however, does view the widespread use analysis as relevant toward satisfying the section 110(l) demonstration necessary to exempt the Enterprise Holdings, Inc., facility from the Stage II vapor control requirements.

EPA believes the widespread use of ORVR has been sufficiently demonstrated.<sup>2</sup> EPA’s December 12, 2006, memorandum states that if 95 percent of the vehicles in the fleet have

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<sup>2</sup> On May 16, 2012, EPA made a determination that ORVR was in widespread use throughout the motor vehicle fleet for purposes of controlling motor vehicle refueling emissions. EPA estimated that approximately 70 percent of all vehicles would be equipped with on-board systems to capture these vapors by the end of 2012, rendering the use of Stage II vapor recovery systems redundant.

ORVR, then widespread use will likely have been demonstrated for that fleet. The memorandum addresses the following specific fleets:

- Initial fueling of new vehicles at automobile assembly plants;
- Refueling of rental cars at rental car facilities; and
- Refueling of flexible fuel vehicles at E85 dispensing pumps.

Most large rental companies rent current model vehicles, that are equipped with ORVR and vehicle models are updated to current year models every year or two. The Commonwealth of Kentucky has confirmed that 100 percent of the fleet will be equipped with 2006 model year (first model year vehicles required to be equipped with ORVR) and newer vehicles at the Enterprise Holdings, Inc., facility at the Cincinnati/Northern Kentucky International Airport in Boone County.

CAA section 110(a)(2)(D)(i)(I) prohibits facilities within the State from emitting any air pollutants in amounts which will contribute significantly to nonattainment in, or interfere with maintenance by, any other State with respect to any such national primary or secondary ambient air quality standards. The only pollutant emitted by refueling vehicles is VOC, which is a precursor of ozone, and its emissions are mitigated by the use of vehicles equipped with ORVR. EPA has preliminarily determined that Kentucky has adequately demonstrated that ORVR is in widespread use and that the Stage II requirements of the Kentucky SIP have been sufficiently supplanted by the ORVR such that exemption of the Enterprise

Holdings, Inc., facility from the Stage II requirements would not interfere with any applicable requirement concerning attainment and reasonable further progress or any other applicable requirement of the CAA.

### **III. Proposed Action**

EPA is proposing to approve the aforementioned source- specific SIP revision request from Kentucky. VOC emissions from vehicles at Enterprise Holdings, Inc facilities are controlled by ORVR, therefore, EPA has preliminarily concluded that removal of Stage II requirements at this facility would not result in an increase of VOC emissions, and thus would not contribute to ozone formation. The Commonwealth is seeking to remove this requirement for this facility and EPA has preliminarily determined that Kentucky has fully satisfied the requirements of section 110(l) of the CAA. Therefore, EPA is proposing to approve this source-specific SIP revision, as being consistent with section 110 of the CAA.

### **IV. Statutory and Executive Order Reviews**

Under the CAA, the Administrator is required to approve a SIP submission that complies with the provisions of the Act and applicable federal regulations. 42 U.S.C. 7410(k); 40 CFR 52.02(a). Thus, in reviewing SIP submissions, EPA's role is to approve state choices, provided that they meet the criteria of the CAA. Accordingly, these proposed actions merely approve state law as meeting federal requirements and do not impose additional requirements beyond those imposed by Commonwealth law. For that reason, these proposed actions:

- are not a “significant regulatory action” subject to review by the Office of Management and Budget under Executive Order 12866 (58 FR 51735, October 4, 1993);
- do not impose an information collection burden under the provisions of the Paperwork Reduction Act (44 U.S.C. 3501 *et seq.*);
- are certified as not having a significant economic impact on a substantial number of small entities under the Regulatory Flexibility Act (5 U.S.C. 601 *et seq.*);
- do not contain any unfunded mandate or significantly or uniquely affect small governments, as described in the Unfunded Mandates Reform Act of 1995 (Public Law 104-4);
- do not have Federalism implications as specified in Executive Order 13132 (64 FR 43255, August 10, 1999);
- are not an economically significant regulatory action based on health or safety risks subject to Executive Order 13045 (62 FR 19885, April 23, 1997);
- are not a significant regulatory action subject to Executive Order 13211 (66 FR 28355, May 22, 2001);
- are not subject to requirements of Section 12(d) of the National Technology Transfer and Advancement Act of 1995 (15 U.S.C. 272 note) because application of those requirements would be inconsistent with the CAA; and
- do not provide EPA with the discretionary authority to address, as appropriate, disproportionate human health or environmental effects, using practicable and legally permissible methods, under Executive Order 12898 (59 FR 7629, February 16, 1994).

In addition, this proposed rule does not have tribal implications as specified by Executive Order 13175 (65 FR 67249, November 9, 2000), because the SIP is not approved to apply in Indian country located in the Commonwealth, and it will not impose substantial direct costs on tribal governments or preempt tribal law.

**List of Subjects in 40 CFR Part 52**

Environmental protection, Air pollution control, Greenhouse Gas, Incorporation by reference, Intergovernmental relations, Nitrogen dioxide, Ozone, Particulate matter, Reporting and recordkeeping requirements, Sulfur oxides, Volatile organic compounds

Authority: 42 U.S.C. 7401 *et seq.*

Dated: May 7, 2013.

A. Stanley Meiburg,

Acting Regional Administrator,

Region 4.

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