Energy and Environment Cabinet
Department for Environmental Protection
DIVISION FOR AIR QUALITY
200 Fair Oaks Lane, 1st Floor
Frankfort, Kentucky 40601-1403
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Steven L. Beshear
Governor

Leonard K. Peters
Secretary

November 18, 2015

Ms. Beverly Banister, Director
Air, Pesticides, and Toxics Management Division
US EPA, Region 4
Sam Nunn Atlanta Federal Center
61 Forsyth St, SW
Atlanta, Georgia 30303-8960

RE: Northern Kentucky 2008 8-hour Ozone emissions statement

Dear Ms. Banister:

In a letter dated September 14, 2015, Kentucky's Energy and Environment Cabinet Secretary Leonard K. Peters responded to EPA's comments relating to the emissions statement requirements of Section 182(a)(3)(B) of the CAA for the 2008 8-hour Ozone NAAQS and requested EPA's approval to revise the Kentucky SIP. The purpose of this letter is to specifically address the applicable completeness criteria requirements of 40 CFR Part 51, Appendix V. Please find the enclosed additional information to further support Kentucky's request for approval from EPA to revise the Kentucky SIP to include the emissions statement for the 2008 8-hour Ozone NAAQS.

If you have any questions or comments concerning this matter, please contact Ms. Melissa Duff, Program Planning Branch Manager, at (502) 564-3999 or melissa.duff@ky.gov.

Sincerely,

Sean Alteri

Sean Alteri
Director

SOA/lmp

c: Beverly Banister/R. Scott Davis

REVISIONS TO THE COMMONWEALTH OF KENTUCKY STATE IMPLEMENTATION PLAN FOR KENTUCKY COUNTIES

LOCATED WITHIN THE

CINCINNATI, OH-KY-IN, MSA 8-HOUR OZONE NONATTAINMENT AREA

Prepared by
KENTUCKY DIVISION FOR AIR QUALITY

Submitted by
ENERGY AND ENVIRONMENT CABINET

November 2015

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INTRODUCTION

On May 21, 2012, the U.S. Environmental Protection Agency (EPA) designated the Cincinnati, OH-KY-IN area as Marginal Nonattainment for the 2008 8-hour Ozone National Ambient Air Quality Standard (NAAQS) of 0.075 parts per million (ppm).[1] The area includes portions of Boone, Kenton and Campbell counties in Kentucky.

To address Clean Air Act (CAA) Section 182(a)(3)(B) emissions statement and CAA Section 182(a)(1) emissions inventory requirements for the 2008 8-hour Ozone NAAQS, the Kentucky Division for Air Quality (Division) submitted a draft State Implementation Plan (SIP) revision to EPA on April 15, 2015. The Division also made the draft SIP revision available to the public for comment through its website from May 1, 2015, through June 1, 2015. In a letter dated May 28, 2015, EPA provided comments to the Division. No other comments on the draft SIP revision were received by the Division.

In the May 28, 2015 letter, EPA's most significant comment relating to the submittal suggested that the emissions inventory provided in the draft SIP revision did not meet the requirements of CAA Section 182(a)(1), which requires a comprehensive, accurate, current inventory of actual emissions from all sources. The Division included emissions data from EPA's National Emissions Inventory database; however, the Division did not delineate emissions based source classification codes. After consultation, the Division and EPA agree that the emissions inventory portion would be submitted with the Cincinnati, OH-KY-IN area redesignation request for the 2008 8-hour Ozone NAAQS.

Specifically addressing the emissions statement requirement of Section 182(a)(3)(B) of the CAA, Kentucky responded to EPA's comments in a letter from Energy and Environment Cabinet Secretary Leonard K. Peters dated September 14, 2015. To ensure that the SIP submittal contains all of the applicable completeness criteria requirements of 40 CFR Part 51, Appendix V, the Division is submitting this additional information and is requesting approval from the EPA to revise the SIP to include the emissions statement for the 2008 8-hour Ozone NAAQS.

BACKGROUND

The CAA establishes a process for air quality management through the NAAQS. Area designations are required after promulgation of a new or revised NAAQS. On March 12, 2008, EPA revised both the primary and secondary ozone standards to a level of 0.075 ppm, measured over an 8-hour period. In accordance with section 107(d) of the CAA, on May 21, 2012 through Federal Register notice (77 FR 30088), EPA designated the Cincinnati, OH-KY-IN area as marginal nonattainment for the 8-hour ozone NAAQS, effective July 20, 2012. This nonattainment area includes portions of the Kentucky counties of Boone, Campbell, and Kenton.

These Kentucky counties were previously redesignated to attainment (maintenance) for the 1997 8-hour ozone NAAQS by EPA (75 FR 47218). The monitors located in Boone and Campbell counties in Kentucky did not record an ozone design value above the 8-hour NAAQS (2008 Ozone). However, EPA concluded that portions of Boone, Campbell, and Kenton counties in

[1] 77 FR 30088

Kentucky must be included in the Cincinnati, OH-KY-IN nonattainment area because they contribute to a violation in a nearby area. Specifically, EPA states, "The total VOC and NOx emissions in each of Boone, Campbell and Kenton counties for 2008 were determined by EPA to be significant contributors to the high ozone concentrations in the Cincinnati, OH-KY-IN nonattainment area for the 2008 8-hour ozone NAAQS." [2]

EMISSIONS STATEMENT PROGRAM

Each SIP must include an emissions statement program that requires that the owner or operator of each stationary source of oxides of nitrogen (NO_x) and volatile organic compounds (VOC) provide a statement showing the actual emissions of those pollutants annually. The statement must also contain a certification that the information is accurate to the best knowledge of the individual certifying the statement. Due to historic nonattainment designations for earlier ozone NAAQS, Kentucky previously submitted an Emissions Statement program in a SIP revision and received approval from EPA.

On May 2, 1997 (60 FR 21445), EPA approved a December 29, 1994 submittal from Kentucky to meet the requirements of emissions statements outlined in Section 182(a)(3)(B) of the CAA. However, since that time, the SIP-approved portions of the regulation (401 KAR 50:035 Permits) have been repealed and replaced with four specific permitting regulations. The requirements for the emissions statement program now reside within each individual permitting regulation. As such, Kentucky is submitting only the following specific sections of each individual regulation as a revision to the approved SIP to satisfy Section 182(a)(3)(B) of the CAA, as follows:

> **401 KAR 52:020.** ***Title V permits*** . Effective January 15, 2001.
>
> Section 22. Annual Emissions Certification. An annual emission certification shall be submitted to the cabinet by sources subject to this administrative regulation.
>
> Section 23. Certification by Responsible Official. A responsible official shall certify that, based on information and belief formed after reasonable inquiry, the statements and information contained in the following documents are true, accurate, and complete: (4) Emissions certifications.
>
> **401 KAR 52:030.** ***Federally-enforceable permits for nonmajor sources***. Effective January 15, 2001.
> Section 3. General Provisions.
> (4) Sources that are located in ozone nonattainment area and omit or have the potential to emit 25 tpy or more of VOC or NOx shall submit an annual emission certification pursuant to Section 25(2) of this administrative regulation.
>
> Section 22. Certification by Responsible Official. A responsible official shall certify that, based on information and belief formed after reasonable inquiry, the statements and information contained in the following documents are true, accurate, and complete:

[2] Technical Support Document, Cincinnati-Ohio, Kentucky-Indiana Area Designations for the 2008 Ozone National Ambient Air Quality Standards, page 8.

Section 25. Sources Subject to Title V. (1) Unless exempted in a future rulemaking by the U.S. EPA, sources that are subject to federal standards promulgated under 42 USC 7411 (NSPS) or 42 USC 7412 (NESHAP) shall:

(c) Submit annual emissions certifications pursuant to subsection (2) of this section;

(2) During the first quarter of each calendar year, the cabinet shall survey each source to determine its actual emissions during the preceding calendar year, and the source shall provide and certify the information requested and return the update survey to the cabinet within thirty (30) days from the date that the survey is mailed to the source.

401 KAR 52:040. ***State-Origin Permits***. Effective January 15, 2001.

Section 3. General Provisions.

(2) Unless exempted in a future rulemaking by the U.S. EPA, minor sources subject to federal standards promulgated under 42 U.S.C. 7411 (NSPS) or 42 U.S.C. 7412 (NESHAP) shall:

(c) Submit annual emissions certifications pursuant to Section 20 of this administrative regulation;

(3) Sources that are located in ozone nonattainment areas and emit or have the potential to emit 25 tpy or more of VOC or NOx shall submit an annual emission certification pursuant to Section 20 of this administrative regulation.

Section 20. Annual Emissions Certification for Specified Sources. (1) An annual emissions certification shall be submitted to the cabinet for minor sources specified in Section 3(2) and (3) of this administrative regulation.

Section 21. Certification by Responsible Official. A responsible official shall certify that, based on information and belief formed after reasonable inquiry, the statements and information contained in the following documents are true, accurate, and complete:

(4) Emissions certifications.

401 KAR 52:070. ***Registration of designated sources***. Effective January 15, 2001.

Section 3. General Provisions.

(2) Sources that are located in ozone nonattainment areas and emit or have the potential to emit twenty-five (25) tpy or more of VOC or NOx shall submit an annual emission certification as follows:

(a) During the first quarter of each calendar year, the cabinet shall survey these sources to determine their actual emissions during the preceding calendar year and the source shall:

1. Make the appropriate additions or corrections to the survey;

2. Return the updated survey to the cabinet within thirty (30) days of the date that the survey is mailed to the source.

COMPLETENESS CRITERIA FOR SIP SUBMITTALS –
40 CFR PART 51 APPENDIX V

To ensure completeness of this SIP revision submittal, the following elements detailed in 40 CFR Part 51, Appendix V are listed and a brief narrative is included:

A. A formal letter of submittal from the Governor or his designee, requesting EPA approval of the plan or revision.

In a formal letter dated September 14, 2015, Secretary Leonard K. Peters, the Governor's designee and on behalf of the Commonwealth of Kentucky, requested EPA's approval of the SIP revision to include the emissions statements requirements established in regulations promulgated by the Division for Air Quality. The letter and request is included in this submittal as *Appendix A.*

B. Evidence that the State has adopted the plan in the State code or body of regulations; or issued the permit, order, consent agreement in final form. That evidence shall include the date of adoption or final issuance as well as the effective date of the plan, if different from the adoption/issuance date.

As noted above, the Commonwealth of Kentucky submitted a SIP revision on September 14, 2015, to include the emissions statements requirements contained in regulations promulgated by the Division for Air Quality. The "permitting" regulations (401 KAR 52:020, 52:030, 52:040, 52:070) became effective on January 15, 2001. For purposes of the emissions statements requirements relative to the 2008 Ozone NAAQS, the effective date of the plan should be the date of the SIP revision submittal, September 14, 2015.

C. Evidence that the State has the necessary legal authority under State law to adopt and implement the plan.

The powers and duties of the Cabinet established in KRS 224.10-100 provide the Energy and Environment Cabinet with the statutory authority to prepare and develop a comprehensive plan or plans related to the environment of the Commonwealth. Additionally, KRS 224.10-100 requires the cabinet to administer and enforce all rules, regulations and orders promulgated under Chapter 224, Environmental Protection, including those regulations that provide for the prevention, abatement, and control of all air pollution.

D. A copy of the actual regulation, or document submitted for approval and incorporation by reference into the plan, including indication of the changes made to the existing approved plan, where applicable. The submittal shall be a copy of the official State regulation/document signed, stamped, dated by the appropriate State official indicating that it is fully enforceable by the State. The effective date of the regulation/document shall, whenever possible, be indicated in the document itself.

In a formal letter dated September 14, 2015, Secretary Leonard K. Peters, the Governor's designee and on behalf of the Commonwealth of Kentucky, requested EPA's approval of the SIP revision to include the emissions statements requirements established in regulations

promulgated by the Cabinet. The letter and request is included in this submittal as *Appendix A.*

Relative to each individual regulation that contains emissions statements requirements, a copy of the Administrative Register of Kentucky notice is provided as *Appendix B.* The referenced administrative regulations with provisions requested to be included in the Kentucky SIP became effective January 15, 2001.

E. Evidence that the State followed all of the procedural requirements of the State's laws and constitution in conducting and completing the adoption/issuance of the plan.

The publication of the administrative regulations in the Administrative Register of Kentucky is provided as evidence that the State followed all of the procedural requirements of the state's laws and constitution in conducting and completing the adoption and issuance of the plan. A copy of the Administrative Register of Kentucky notice is provided as *Appendix B.*

F. Evidence that public notice was given of the proposed change consistent with procedures approved by EPA, including the date of publication of such notice.

In accordance with 40 CFR 51.102, the Cabinet provided notice for the opportunity to submit written comments and to allow the public the opportunity to request a public hearing. A copy of the public hearing notice published on the Division's website is included in *Appendix C.* As detailed in the notice, a public hearing was scheduled to be held at the Division for Air Quality offices located at 200 Fair Oaks Lane, Frankfort, Kentucky on June 1, 2015. No request for a public hearing was received; therefore, the scheduled public hearing was cancelled.

The Cabinet provided EPA with a copy of the SIP revision submittal on April 15, 2015. A copy of the transmittal letter and SIP revision package is included in *Appendix D.* Additionally, the SIP revision package was made available on the Division's website during the 30 day comment period from May 1, 2015, until June 1, 2015. The Division received written comments from EPA during the public comment period and no other comments were received. The Division's response to those comments is provided below in Section H.

G. Certification that public hearings(s) were held in accordance with the information provided in the public notice and the State's laws and constitution, if applicable.

The publication of the administrative regulations in the Administrative Register of Kentucky is provided as certification that public hearings were held in accordance with the information provided in the public notice and the State's laws and constitution, specifically KRS 13A.270. A copy of the Administrative Register of Kentucky notice is provided as *Appendix B.* Further, a copy of the newspaper publication of the public hearing notice for the administrative regulations included in this SIP revision submittal is also included in *Appendix B.*

H. Compilation of public comments and the State's response thereto.

From May 1, 2015, until June 1, 2015, the Cabinet provided an opportunity for comments on the proposed State Implementation Plan (SIP) revision to meet the requirements for Emissions Statement and Emissions Inventory in accordance with Sections 172(c)(3), 182(a)(1) and 182(a)(3)(B) of the Clean Air Act Amendments of 1990 (CAA). The public notice announcing the public comment period included an opportunity to request a public hearing. No request for a public hearing was received; therefore, the scheduled public hearing was cancelled.

During the public comment period, the only comments received were from the Environmental Protection Agency. The comments and responses are listed below.

Response to Comments for the proposed State Implementation Plan (SIP) revision to meet the requirements for Emissions Statement and Emissions Inventory within the Cincinnati, OH-KY-IN, MSA 8-hour Ozone Nonattainment area.

1. **Comment:** CAA section 182(a)(1) requires the submission of a comprehensive, accurate, current inventory of actual emissions from all sources. The April 15, 2015, prehearing package did not include Area source emissions inventory, Non-road source inventory, or mobile source emissions inventory and supporting information, therefore, the EPA could not conduct a comprehensive review of the emissions inventory portion of this prehearing.
(Scott Davis, U.S. EPA)

Response: The Cabinet acknowledges this comment. The Cabinet is submitting the Emissions Statements portion of the package at this time. The Emissions Inventory portion of the package will be submitted to EPA along with the Cincinnati, OH-KY-IN area redesignation request for the 2008 8-hr ozone NAAQS.

2. **Comment:** Page 9: If 401 KAR 52:070. Registration of designated sources (as presented in the prehearing submittal) covers all volatile organic compounds and nitrogen oxides sources in the ozone nonattainment area boundary, the EPA believes that the incorporation of this rule into the SIP is sufficient to meet the needs of section 182(a)(3)(B) of the CAA. Please ensure that text to be incorporated into the SIP is underlined.
(Scott Davis, U.S. EPA)

Response: The Cabinet acknowledges this comment and provides an underline version of the specific language to be incorporated into the SIP.

3. **Comment:** If Kentucky would like to exclude less than 25 ton sources from submitting emission statements, Kentucky must ensure that all requirements of section 182(a)(3)(B)(ii) are met.
(Scott Davis, U.S. EPA)

Response: The Cabinet agrees to meet the requirements of Section 182(a)(3)(B)(ii) of the CAA and provide "…an inventory of emissions from such class or category of

sources, based on the use of the emission factors established by the Administrator or other methods acceptable to the Administrator."

Appendix A

September 14, 2015 SIP Submittal

ENERGY AND ENVIRONMENT CABINET
OFFICE OF THE SECRETARY

Steven L. Beshear
Governor

Leonard K. Peters
Secretary

500 Mero Street
12th Floor, Capital Plaza Tower
Frankfort, Kentucky 40601
Phone: (502) 564-3350
Fax: (502) 564-7484
http://eec.ky.gov

September 14, 2015

Ms. Heather McTeer Toney
Regional Administrator
US EPA, Region 4
Sam Nunn Atlanta Federal Center
61 Forsyth St, SW
Atlanta, Georgia 30303-8960

RE: Response to EPA's comments regarding Kentucky's SIP submittal addressing the Northern Kentucky 2008 8-hour Ozone emissions statement and emissions inventory requirements.

Dear Ms. Toney:

Thank you for the letter dated May 28, 2015, providing comments relating to Kentucky's State Implementation Plan (SIP) submittal that addressed the emissions inventory and emissions statements requirements pursuant to Section 182(a)(1) and Section 182(a)(3)(B) of the Clean Air Act (CAA), respectively. This letter specifically addresses the comments received from EPA relating to the emissions statement required by Section 182(a)(3)(B) of the CAA.

On April 15, 2015, the Kentucky Division for Air Quality (Division) submitted a draft SIP revision to the Environmental Protection Agency (EPA) addressing the emissions statement and emissions inventory requirements. The Division made the draft SIP revision available to public through its website from May 1, 2015, through June 1, 2015. The public notice was also distributed to the regulatory mailing list maintained by the Division.

The most significant comment during the public comment period related to the emissions inventory, where EPA stated that "…the EPA could not conduct a comprehensive review of the emissions inventory portion of this prehearing." After consultation with EPA Region 4 staff, the Division agrees to resubmit the emissions inventory along with the Cincinnati, OH-KY-IN area redesignation request for the 2008 8-hour Ozone NAAQS at a later date.

In its comments relating to the emissions statements, EPA found that incorporation of 401 KAR 52:070, Registration of designated sources, sufficient to meet the needs of Section 182(a)(3)(B) of the CAA. For clarification, EPA did request specific regulatory text to be underlined to ensure that the applicable requirements are included in the SIP. The regulatory language requested to be in the SIP to satisfy the statutory obligation under Section 182(a)(3)(B) of the CAA is included as an attachment.

Another comment received from EPA relating to the emissions statements explained that, "[I]f Kentucky would like to exclude less than 25 ton sources from submitting emission statements, Kentucky must ensure that all requirements of section 182(a)(3)(B)(ii) are met." The Division agrees to meet the requirements of Section 182(a)(3)(B)(ii) of the CAA and provide "…an inventory of emissions from such class or category of sources, based on the use of the emission factors established by the Administrator or other methods acceptable to the Administrator."

If you have any questions or comments concerning this matter, please contact Ms. Melissa Duff, Program Planning Branch Manager, at (502) 564-3999 or melissa.duff@ky.gov.

Sincerely yours,

Leonard K. Peters

LKP/lmp

cc: Beverly Banister/R. Scott Davis

EMISSIONS STATEMENT PROGRAM

Pursuant to Section 182(a)(3)(B) of the Clean Air Act (CAA), an emissions statements program requires that the owner or operator of each stationary source of oxides of nitrogen or volatile organic compounds provide a statement showing the actual emissions of those pollutants from that source annually. The statement must also contain a certification that the information is accurate to the best knowledge of the individual certifying the statement. Kentucky does not have a stand-alone regulation for the emissions statement requirements; rather, the requirements for an emissions statements program are established in separate permitting regulations.

Kentucky is submitting only the specific sections of each individual regulation as a revision to the approved SIP to satisfy Section 182(a)(3)(B) of the CAA, as follows:

401 KAR 52:020. ***Title V permits.***

Section 22. Annual Emissions Certification. An annual emission certification shall be submitted to the cabinet by sources subject to this administrative regulation.

Section 23. Certification by Responsible Official. A responsible official shall certify that, based on information and belief formed after reasonable inquiry, the statements and information contained in the following documents are true, accurate, and complete: (4) Emissions certifications.

401 KAR 52:030. ***Federally-enforceable permits for nonmajor sources.***

Section 3. General Provisions.

(4) Sources that are located in ozone nonattainment area and omit or have the potential to emit 25 tpy or more of VOC or NOx shall submit an annual emission certification pursuant to Section 25(2) of this administrative regulation.

Section 22. Certification by Responsible Official. A responsible official shall certify that, based on information and belief formed after reasonable inquiry, the statements and information contained in the following documents are true, accurate, and complete:

Section 25. Sources Subject to Title V. (1) Unless exempted in a future rulemaking by the U.S. EPA, sources that are subject to federal standards promulgated under 42 USC 7411 (NSPS) or 42 USC 7412 (NESHAP) shall:

(c) Submit annual emissions certifications pursuant to subsection (2) of this section;

(2) During the first quarter of each calendar year, the cabinet shall survey each source to determine its actual emissions during the preceding calendar year, and the source shall provide and certify the information requested and return the update survey to the cabinet within thirty (30) days from the date that the survey is mailed to the source.

401 KAR 52:040. ***State-Origin Permits***

Section 3. General Provisions.

(2) Unless exempted in a future rulemaking by the U.S. EPA, minor sources subject to federal standards promulgated under 42 U.S.C. 7411 (NSPS) or 42 U.S.C. 7412 (NESHAP) shall:

(c) Submit annual emissions certifications pursuant to Section 20 of this administrative regulation;

(3) Sources that are located in ozone nonattainment areas and emit or have the potential to emit 25 tpy or more of VOC or NOx shall submit an annual emission certification pursuant to Section 20 of this administrative regulation.

Section 20. Annual Emissions Certification for Specified Sources. (1) An annual emissions certification shall be submitted to the cabinet for minor sources specified in Section 3(2) and (3) of this administrative regulation.

Section 21. Certification by Responsible Official. A responsible official shall certify that, based on information and belief formed after reasonable inquiry, the statements and information contained in the following documents are true, accurate, and complete:
(4) Emissions certifications.

401 KAR 52:070. ***Registration of designated sources.***
Section 3. General Provisions.
(2) Sources that are located in ozone nonattainment areas and emit or have the potential to emit twenty-five (25) tpy or more of VOC or NOx shall submit an annual emission certification as follows:

(a) During the first quarter of each calendar year, the cabinet shall survey these sources to determine their actual emissions during the preceding calendar year and the source shall:

1. Make the appropriate additions or corrections to the survey;

2. Return the updated survey to the cabinet within thirty (30) days of the date that the survey is mailed to the source.

Appendix B-1

Administrative Regulations Amended After Public Hearing

ADMINISTRATIVE REGULATIONS AMENDED AFTER PUBLIC HEARING OR RECEIPT OF WRITTEN COMMENTS

NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION CABINET
Department for Environmental Protection
Division for Air Quality
(Amended After Hearing)

401 KAR 52:001. Definitions for 401 KAR Chapter 52.

RELATES TO: KRS 224.10-100, 224.20-100, 224.20-110, 224.20-120

STATUTORY AUTHORITY: KRS 224.10-100, 224.20-100, 224.20-110, 224.20-120

NECESSITY, FUNCTION, AND CONFORMITY: KRS 224.10-100 requires the Natural Resources and Environmental Protection Cabinet to prescribe administrative regulations for the prevention, abatement, and control of air pollution. There is no federal mandate for this administrative regulation. This administrative regulation defines the terms used in 401 KAR Chapter 52. The definitions contained in this administrative regulation that have federal definitions have been clarified and simplified, but are not more stringent or otherwise different than the corresponding federal definitions.

Section 1. Definitions. (1) "Acid Rain Program" means the national program for reducing SO_2 and NOx emissions established under 42 USC 7651 to 7651o (Title IV of the Act) and promulgated at 40 CFR Parts 72 to 78.

(2) "Act" means the Clean Air Act established under 42 USC 7401 to 7671q[~~, as amended by PL 101-549 (November 15, 1990) and PL 102-187 (December 4, 1991)~~].

(3) "Actual emissions" means the quantity of an air pollutant that is physically emitted into the ambient air during a specified time period.

(4) "Affected facility" means an apparatus, building, operation, road, or other entity or series of entities that emits or may emit an air contaminant into the outdoor atmosphere.

(5) "Affected source" means a source that includes one (1) or more affected units.

(6) "Affected states" means states that:

(a) Border Kentucky and whose air quality may be affected by the proposed permit, permit revision, or permit renewal; or

(b) Are situated within fifty (50) miles of the source requesting the proposed permit action.

(7) "Affected unit" means a unit subject to the Acid Rain Program.

(8) "Air contaminant" is defined in KRS 224.01-010.

(9) "Air pollutant" means air contaminant.

(10) "Air pollution" is defined in KRS 224.01-010.

(11) "Air pollution control equipment" means a mechanism, device or contrivance used to control or prevent air pollution, which is not, aside from air pollution control laws and administrative regulations, vital to production of the normal product of the source or to its normal operation.

(12) "Alternative method" means a method of sampling and analyzing for an air pollutant that is not a reference or equivalent method, but which has been demonstrated to the cabinet's and the U.S. EPA's satisfaction to produce adequate results for its determination of compliance.

(13) "Ambient air" means that portion of the atmosphere, external to buildings, to which the general public has access.

(14) "Ambient air quality standard" means a numerical expression of a specified concentration level for a particular air contaminant and the time averaging interval over which that concentration level is measured and is a goal to be achieved in a stated time through the application of appropriate preventive or control measures.

(15) "Applicable requirement" means a state-origin or federally enforceable requirement or standard that applies to a source.

(16) "Batch mix plant" means a source or affected facility that produces hot mix asphalt by heating and drying the aggregate in a dryer before separating and mixing it with asphalt cement in separate batches.

(17) "Cabinet" is defined in KRS 224.01-010.

(18) "Capital expenditure" means an expenditure for a physical or operational change to an affected facility that:

(a) Exceeds the product of:

1. The applicable "annual asset guidelines repair allowance percentage" specified in the Internal Revenue Service (IRS) Publication 534; and

2. The affected facility's basis, as defined by 26 USC 1012; and

(b) Is not reduced by an excluded addition as defined in IRS Publication 534.

(19) "Commence" means that an owner or operator has undertaken a continuous program of construction, modification, or reconstruction of an affected facility, or that an owner or operator has entered into a contractual obligation to undertake and complete, within a reasonable time, a continuous program of construction, modification, or reconstruction of an affected facility.

(20) [~~"Conditional major permit" means a permit issued pursuant to 401 KAR 52:030 that limits the potential to emit (PTE) of a source below the major source thresholds for a Title V permit.~~

~~(21)~~] "Construction" means fabrication, erection, installation or modification of an air contaminant source.

(21) "Continuous monitoring system" means the total equipment, required under the applicable administrative regulations used to sample, to condition (if applicable), to analyze, and to provide a permanent record of emissions or process parameters.

(22) "Control device" means equipment such as an incinerator or carbon adsorber used to reduce, by destruction or removal, the amount of air pollutants in an air stream prior to discharge to the ambient air.

(23) "Control system" means a combination of one (1) or more capture systems and control devices working in concert to reduce discharges of pollutants to the ambient air.

(24) "Designated representative" means a person authorized by the owners or operators of an affected source and of all affected units at the source, as evidenced by a certificate of representation submitted to the U.S. EPA in accordance with 40 CFR 72.20(b), to represent and legally bind each owner and operator, as a matter of federal law, in all matters pertaining to the Acid Rain Program. In matters relating to the acid rain portion of a Title V permit, the term "responsible official" means the designated representative.

(25) "Draft permit" means the version of a federally enforceable permit, which the cabinet offers for public review and any applicable affected state review.

(26) "Drum mix plant" means a source or affected facility that produces hot mix asphalt by heating, drying, and mixing the aggregate with asphalt cement in one (1) operation.

(27) "Emergency" means a situation arising from a sudden and reasonably unforeseeable event beyond the control of the source which:

(a) Requires immediate corrective action to restore normal operation;

(b) Causes the source to exceed a technology-based emission limitation in the permit due to unavoidable increases in emissions attributable to the emergency; and

(c) Shall not include noncompliance caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error.

(28) "Emissions fee" means the annual fee assessed to a source as prescribed in 401 KAR 50:038, made effective April 12, 1995.

(29) "Emission unit" means an affected facility, or a part or activity of a source, that emits or has the potential to emit a regulated air pollutant and does not alter the definition of the term "unit" as used in the Acid Rain Program.

(30) "Emission standard" means the numerical expression of quantity per unit of time or other parameter that limits the amount of

3. A lesser quantity that the U.S. EPA establishes in a final rulemaking; or

(b) 100 tons per year or more for regulated air pollutants other than HAPs, except that:

1. For ozone nonattainment areas:

a. 100 tons per year or more of volatile organic compounds or nitrogen oxides in areas classified as marginal or moderate;

b. Fifty (50) tons per year or more in areas classified as serious;

c. Twenty-five (25) tons per year or more in areas classified as severe; or

d. Ten (10) tons per year or more in areas classified as extreme;

2. Fifty (50) tons per year or more of carbon monoxide for carbon monoxide nonattainment areas that are classified as serious and in which stationary sources contribute significantly to carbon monoxide levels; or

3. Seventy (70) tons per year or more of particulate matter (PM_{10}) for PM_{10} nonattainment areas classified as serious.

(47) "Malfunction" means a **sudden and infrequent** failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner that is not caused entirely or in part by poor maintenance, careless operation, or other upset condition or equipment breakdown that could have been **reasonably** prevented.

(48) "Marginal nonattainment county" or "marginal nonattainment area" means a county or portion of a county designated marginal nonattainment **for the one (1) hour national ambient air quality standard for ozone** in 401 KAR 51:010.

(49) "Minor source" means a stationary source that emits and has the potential to emit less than the major source thresholds.

(50) "Moderate nonattainment county" or "moderate nonattainment area" means a county or portion of a county designated moderate nonattainment **for the one (1) hour national ambient air quality standard for ozone** in 401 KAR 51:010.

(51) "Modification" means a physical change in, or a change in the method of operation of, an affected facility that:

(a) Increases the amount of a regulated air pollutant emitted into the atmosphere by that facility or which results in the emission of a regulated air pollutant into the atmosphere not previously emitted; and

(b) Is not solely:

1. Maintenance, repair, and replacement that the cabinet determines to be routine for a source category;

2. An increase in production rate of an affected facility, if that increase can be accomplished without a capital expenditure on that facility;

3. An increase in the hours of operation;

4. Use of an alternative fuel or raw material if, prior to the date a standard becomes applicable to that source type, the affected facility was designed to accommodate that alternative use. A facility shall be considered to be designed to accommodate an alternative fuel or raw material if that use could be accomplished under the facility's construction specifications as amended prior to the change.

5. Conversion to coal required for energy considerations, as specified in 42 USC 7411(a)(8);

6. The addition or use of a system or device whose primary function is the reduction of air pollutants, except if an emission control system is removed or is replaced by a system, which the cabinet determines to be less environmentally beneficial; or

7. The relocation or change in ownership of **a source** [~~an existing facility~~].

(52) "Modification under Title I of the Act" means a change at a facility that would constitute a modification under 42 USC 7470 to 7492 or 42 USC 7501 to 7515.

[~~(55) "New source" means a source, the construction, reconstruction, or modification of which commenced on or after the effective date of this administrative regulation irrespective of a change in emission rate.~~]

(53) "Opacity" means the degree to which emissions reduce the transmission of light and obscure the view of an object in the background.

(54) "Owner or operator" means a person who owns, leases, operates, controls, or supervises an affected facility or a source to which an affected facility is a part.

(55) "Person" means an individual, public or private corporation, political subdivision, government agency, municipality, industry, copartnership, association, firm, trust, estate, or other entity.

(56) "Potential to emit" or "PTE" means the maximum capacity of a stationary source to emit a regulated air pollutant given its physical and operational design; where

(a) A physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or on the type or amount of material combusted, stored, or processed shall be treated as part of its design if the limitation is enforceable as a practical matter; and

(b) This definition does not alter or affect the use of this term for other purposes of the Act or the term "capacity factor" as used in the Acid Rain Program.

(57) "Proposed permit" means the version of a permit that the cabinet proposes to issue and submit to the U.S. EPA for forty-five (45) day review period.

(58) "Reconstruction" means the replacement of components of an existing affected facility to the extent that:

(a) The fixed capital cost of the new components exceeds fifty (50) percent of the **fixed capital cost that would be required to construct** [~~life of~~] a comparable entirely new affected facility; **and**

(b) [~~The estimated life of the affected facility after the replacement exceeds fifty (50) percent of the life of a comparable entirely new affected facility;~~

~~(c) The components being replaced cause or contribute to the emissions from the affected facility; and~~

~~(d)~~] It is technologically and economically feasible to meet the applicable requirements in 401 KAR Chapters 50 to 65.

(59) "Reference method" means a method of sampling and analyzing for an air pollutant as prescribed by 40 CFR Part 50, Appendices A to **N** [~~K~~]; Part 60, Appendices A to B; and Part 62, Appendix B.

(60) "Regulated air pollutant" means:

(a) Nitrogen oxides;

(b) Volatile organic compounds;

(c) A pollutant for which a national ambient air quality standard has been promulgated pursuant to 42 USC 7409 (Section 109 of the Act);

(d) A Class I or Class II substance subject to a standard promulgated or established pursuant to 42 USC 7671 to 7671q (Title VI of the Act);

(e) A pollutant[~~, other than total suspended particulates (TSP),~~] subject to a standard promulgated pursuant to 42 USC 7411;

(f) A hazardous air pollutant (HAP) subject to a standard or other requirement established pursuant to 42 USC 7412 [~~that is:~~

~~1. Promulgated by the U.S. EPA pursuant to 42 USC 7412(d);~~

~~2. Adopted by the cabinet pursuant to 42 USC 7412(g) and (j), and which shall be considered regulated for all sources or categories of sources upon the earlier date of:~~

~~a. Promulgation of the standard or requirement; or~~

~~b. Eighteen (18) months after the standard or requirement was scheduled to be promulgated pursuant to 42 USC 7412(e)(3); or~~

~~3. A HAP for which the cabinet has made a case-by-case emission limitation determination pursuant to 42 USC 7412(g)(2), and which shall be considered regulated only for the source for which the determination was made~~].

(61) "Renewal" means the process by which a permit is reissued at the end of its permit term.

(62) "Responsible official" means:

(a) For a corporation: a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or other person who performs similar policy or decision-making functions for the corporation, or a duly authorized representative of that person if the representative is responsible for the overall operation of one (1) or more manufacturing, production, or operating facilities applying for or subject to a permit and either:

1. The facilities employ more than 250 persons or have gross annual sales or expenditures exceeding $25,000,000 (in second quarter 1980 dollars); or

2. The delegation of authority to the representative is approved in advance by the cabinet;

(b) For a partnership or sole proprietorship, a general partner or

but are not more stringent or otherwise different than the corresponding federal definitions.

(d) How this administrative regulation currently assists or will assist in the effective administration of the statutes: The administrative regulation includes the definitions currently found in 401 KAR 50:035, Section 1, and those currently found in 401 KAR 50:010 that are related to permitting. It will also include definitions for any new terms or abbreviations used in the administrative regulations promulgated to replace 401 KAR 50:035, as well as in those that are being updated, clarified, and moved to Chapter 52. After promulgation of this administrative regulation, 401 KAR Chapter 52 will conform with KRS Chapter 13A requirements for the placement of definitions in administrative regulations.

(2) If this is an amendment to an existing administrative regulation, provide a brief summary of:

(a) How the amendment will change this existing administrative regulation: This is not an existing administrative regulation.

(b) The necessity of the amendment to this administrative regulation: This is not an existing administrative regulation.

(c) How the amendment conforms to the content of the authorizing statutes: This is not an existing administrative regulation.

(d) How the amendment will assist in the effective administration of statutes: This is not an existing administrative regulation.

(3) List the type and number of individuals, businesses, organizations, or state and local governments affected by this administrative regulation. No entities are directly affected by this administrative regulation.

(4) Provide an assessment of how the above group or groups will be impacted by either the implementation of this administrative regulation, if new, or by the change if it is an amendment: No entities are directly affected by this administrative regulation.

(5) Provide an estimate of how much it will cost to implement this administrative regulation:

(a) Initially: There are no new initial costs for the implementation of this administrative regulation.

(b) On a continuing basis: There are no known continuing costs related to this administrative regulation.

(6) What is the source of the funding to be used for the implementation and enforcement of this administrative regulation: No new revenue is required because there are no known costs related to this administrative regulation.

(7) Provide an assessment of whether an increase in fees or funding will be necessary to implement this administrative regulation, if new, or by the change if it is an amendment. No increase in fees or funding is necessary to implement this administrative regulation.

(8) State whether or not this administrative regulation establishes any fees or directly or indirectly increases any fees. This administrative regulation does not establish any fees, nor does it directly or indirectly increase any fees.

(9) TIERING: Is tiering applied? Tiering is not applied. The proposed administrative regulation imposes no requirements. Therefore, tiering is not applicable.

FISCAL NOTE ON LOCAL GOVERNMENT

1. Does this administrative regulation relate to any aspect of a local government, including any service provided by that local government? No

2. State what unit, part or division of local government this administrative regulation will affect. No known unit, part, or division of local government will be affected by this administrative regulation.

3. State the aspect or service of local government to which this administrative regulation relates. This administrative regulation does not relate to any known aspect or service of local government.

4. Estimate the effect of this administrative regulation on the expenditures and revenues of a local government for the first full year the regulation is to be in effect. If specific dollar estimates cannot be determined, provide a brief narrative to explain the fiscal impact of the administrative regulation.

Revenues (+/-): There is no known effect on current revenues.

Expenditures (+/-): There is no known effect on current expenditures.

Other Explanation There is no further explanation.

NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION CABINET
Department for Environmental Protection
Division for Air Quality
(Amended After Hearing)

401 KAR 52:020. Title V permits.

RELATES TO: KRS 224.10-100, 224.20-100, 224.20-110, 224.20-120, 40 CFR Part 70, 42 USC 7661 to 7661(f)

STATUTORY AUTHORITY: KRS 224.10-100, 224.20-100, 224.20-110, 224.20-120, 40 CFR Part 70, 42 USC 7661 to 7661(f)

NECESSITY, FUNCTION, AND CONFORMITY: KRS 224.10-100 requires the Natural Resources and Environmental Protection Cabinet to prescribe administrative regulations for the prevention, abatement, and control of air pollution. This administrative regulation establishes requirements for air contaminant sources located in Kentucky that are required to obtain a Title V permit.

Section 1. Applicability. This administrative regulation shall apply to sources required to obtain a Title V permit, including:

(1) Major sources;

(2) Affected sources subject to the Acid Rain Program;

(3) Sources subject to new source review under 401 KAR 51:017 or 401 KAR 51:052; and

(4) Sources that are:

(a) Subject to a federal standard promulgated under 42 USC 7411 (NSPS) or 42 USC 7412 (NESHAP); and

(b) Not exempted or deferred from Title V permitting by the U.S. EPA.

Section 2. Exemptions. **The following sources shall be exempt from this administrative regulation, except that an exempted source may voluntarily apply for a Title V permit:**

(1) Sources required to obtain a permit solely because they are subject to 40 CFR 60.530 to 60.539b, Standards of Performance for New Residential Wood Heaters; and

(2) Sources required to obtain a permit solely because they are subject to the requirements contained in 401 KAR 58:025, Asbestos standards. ~~[(1) The following sources shall be exempt from this administrative regulation:~~

~~(a) Sources required to be registered under 401 KAR 52:070;~~

~~(b) Except as provided in Section 1(4) of this administrative regulation:~~

~~1. Sources permitted under 401 KAR 52:030; and~~

~~2. Minor sources required to be permitted under 401 KAR 52:040; and~~

~~(c) Sources subject only to the requirements of 40 CFR 60.530 to 60.539b, Standards of Performance for New Residential Wood Heaters.~~

~~(2) The following activities shall be exempt from this administrative regulation:~~

~~(a) Vehicles used for the transport of passengers of freight;~~

~~(b) Publicly-owned roads;~~

~~(c) Asbestos demolition or renovation operations subject only to an applicable requirement in 401 KAR Chapter 58;~~

~~(d) Open burning covered under 401 KAR 63:005; and~~

~~(e) Activities or emission units contained in the "List of Trivial Activities", which the cabinet shall maintain and make available:~~

~~1. On request by contacting the Division for Air Quality, Permit Support Section, phone (502) 573-3382, Email: NREPC.DEPAirPermits@mail.state.ky.us, or fax (502) 573-3787; and~~

~~2. On the internet at: www.nr.state.ky.us/nrepc/dep/daq/prb/trival.html.]~~

Section 3. General Provisions. (1) Sources subject to this administrative regulation shall:

(a) Not construct, reconstruct, or modify without a permit or permit revision issued under this administrative regulation, except as

(i) [(i)] Calculations on which the information in this paragraph is based;

(4) Citation and description of all applicable requirements, and the applicable test method for determining compliance with each;

(5) An explanation of proposed exemptions to otherwise applicable requirements;

(6) Other information if needed to implement and enforce other applicable requirements or to determine their applicability;

(7) If applicable, information needed to determine the applicable requirements and emission fees, and to define the permit terms and conditions for:

(a) Each alternate operating scenario; and

(b) Emissions trading under federally-enforceable emissions caps **containing proposed replicable procedures and permit terms that ensure the emissions trades are quantifiable and enforceable**;

(8) A compliance plan containing:

(a) The compliance status for all applicable requirements, including:

1. For requirements with which the source is in compliance, a statement that the source will continue to comply; and

2. For requirements with which the source is not in compliance, a narrative description of how the source will achieve compliance;

(b) A compliance schedule **that** [~~, including~~]:

1. **Resembles or is at least as stringent as that contained in an order of the cabinet;**

2. Is supplemental to, and does not condone noncompliance with, the applicable requirements upon which it is based;

3. Includes, for applicable requirements that will become effective during the permit term, a statement that the source will comply on a timely basis, unless a more detailed schedule is called for in the applicable requirement; and

4. Includes, [~~2.~~] for requirements with which the source is not in compliance, remedial measures leading to compliance, including checkpoints and scheduled completion dates;

(c) For sources required to have a schedule of compliance to remedy a violation or noncompliance, a schedule for submission of certified progress reports no less frequent than every six (6) months;

(9) A certification of compliance with all applicable requirements by a responsible official **pursuant to Section 23 of this administrative regulation**;

(10) A statement of methods used for determining compliance, including a description of monitoring, recordkeeping and reporting requirements, and test methods;

(11) A schedule for submission of compliance certifications during the permit term, to be submitted annually or more frequently if specified by the cabinet or in an applicable requirement;

(12) A statement describing the source's compliance status with applicable monitoring, including enhanced monitoring, and compliance certification requirements; and

(13) Insignificant activities as specified in Section 6**(1)** of this administrative regulation.

Section 6. Insignificant **and Trivial** Activities. (1) Activities that meet the following conditions shall be classified as insignificant activities:

(a) The PTE from each activity shall not exceed:

1. One-half (1/2) tpy of **combined HAPs; or** [~~a HAP;~~]

2. [~~One and one-half (1 1/2) tpy of combined HAPs; or~~

~~3.~~] Five (5) tpy of a nonhazardous regulated air pollutant;

(b) The activity shall not involve the incineration of medical waste; and

(c) The activity shall not be subject to a federally-enforceable requirement, other than generally applicable requirements.

(2) In applications for permits, permit revisions, and permit renewals, sources shall:

(a) Include descriptions for all insignificant activities;

(b) Include all applicable requirements for each insignificant activity; and

(c) Not be required to provide detailed estimates for insignificant activities.

(3) A list of insignificant activities and generally applicable requirements approved by the cabinet shall be maintained and made available on request by contacting the Division for Air Quality, Permit Support Section, phone (502) 573-3382, Email:

NREPC.DEPAirPermits@mail.state.ky.us, or fax (502) 573-3787.

(4) The cabinet shall maintain a list of approved trivial activities, which shall not be required to be included in permit applications. The list shall be made available:

(a) On request by contacting the Division for Air Quality, Permit Support Section, phone (502) 573-3382, e-mail:

NREPC.DEPAirPermits@mail.state.ky.us,

or fax (502) 573-3787; or

(b) On the Internet at:

www.nr.state.ky.us/nrepc/dep/daq/prb/trivial.html.

Section 7. Duty to Supplement or Correct Application. (1) An applicant who fails to submit relevant facts or who has submitted incorrect information in an application shall, upon discovery of the occurrence, promptly submit the supplementary facts or corrected information.

(2) If new requirements become applicable to a source after the application is submitted, but before a draft permit is issued, the applicant shall promptly provide the supplemental information to the cabinet.

(3) Failure to supplement or correct an application shall be a violation of this administrative regulation and may result in:

(a) Termination of a permit;

(b) Revocation and reissuance of a permit;

(c) Revision of a permit, or

(d) Denial of a permit.

Section 8. Application Shield. (1) If **a** [~~an existing~~] source submits a timely and complete application for a source-wide permit or permit renewal, the source's failure to have a permit shall not be a violation of this administrative regulation unless the cabinet makes a final determination to deny the permit or permit renewal.

(2) A source's authority to operate shall cease to apply if the source fails to submit additional information requested by the cabinet, by the deadline set by the cabinet, after the completeness determination has been made.

Section 9. Completeness Review and Determination. Applications shall be reviewed by the cabinet for completeness pursuant to Section 2-I of "Cabinet Provisions and Procedures for Issuing Title V Permits", which is incorporated by reference in Section 26 of this administrative regulation, for:

(1) Initial permits for [~~new~~] sources **commencing construction**;

(2) The first Title V permit for [~~existing~~] sources **that commenced construction prior to the effective date of this administrative regulation**;

(3) Significant permit revisions; and

(4) Permit renewals.

Section 10. Permit Content. Permits shall contain terms and conditions as provided in Sections 1a to 1c of "Cabinet Provisions and Procedures for Issuing Title V Permits."

Section 11. Permit Shield. (1) Compliance with the conditions of a permit shall be considered compliance with all applicable requirements **as of the date of permit issuance** if:

(a) The applicable requirements are included and specifically identified in the permit; or

(b) The cabinet, **in acting on the permit application or revision** [~~in reviewing the application~~], determines **in writing** that other specifically identified requirements are not applicable to the source, and this determination is stated in the permit.

(2) A permit shall not have a permit shield unless the permit expressly states that a shield exists.

(3) **Nothing in the permit or permit shield shall alter or affect:**

1. Emergency orders issued under 42 USC 7603, including the authority of the U.S. EPA under that section;

2. The liability of the owner or operator for violation of an applicable requirement prior to or at the time of permit issu-

(b) Are collectively below the following thresholds:

1. Ten (10) percent of the emissions allowed in the permit for the emission unit or units affected by the change; and

2. The lesser of twenty (20) percent of the applicable major source threshold or five (5) tpy.

(2) A source with two (2) or more pending minor permit revisions may apply for group processing by submitting:

(a) A written request to use group processing;

(b) A list of pending permit revision applications awaiting group processing, and a determination of whether the sum of all the revisions will equal or exceed a thresholds in this section;

(c) Certification **by a responsible official pursuant to Section 23 of this administrative regulation** that all the pending revisions meet the criteria for use of group processing procedures;

(d) A list of new requirements that will apply after each revision is made;

(e) A suggested draft permit showing only the information that is new or different than the existing permit;

(f) Certification that the source has notified the U.S. EPA of the proposed permit revision and included a brief description of the change; and

(g) Completed forms for the cabinet to notify the U.S. EPA and affected states.

(3) The source may implement the changes immediately upon filing a complete application.

(a) After the source makes the change, and until the cabinet takes any of the actions specified in Section 2-VI.3.a of "Cabinet Provisions and Procedures for Issuing Title V Permits", the source shall comply with:

1. The applicable requirements governing the change; and

2. The proposed permit terms and conditions.

(b) Until the cabinet takes an action specified in Section 2-VI.3.a of "Cabinet Provisions and Procedures for issuing Title V Permits":

1. The source shall not be required to comply with the existing permit terms and conditions it seeks to modify, unless the source fails to comply with its proposed permit terms and conditions; and

2. If the source fails to comply with its proposed permit terms and conditions, the existing permit terms and conditions it seeks to modify may be enforced against it.

(c) If the minor permit revision is denied, the source shall comply with the existing permit terms and conditions.

(4) The permit shield shall not extend to permit revisions eligible for group processing.

Section 16. Significant Permit Revisions. (1) **Except as provided in the Acid Rain Program,** significant permit revision procedures shall be used for revisions that:

(a) Involve significant changes in the monitoring requirements or a relaxation in the reporting or recordkeeping requirements contained in the permit; or

(b) Do not qualify as administrative permit amendments or minor permit revisions.

(2) Significant permit revisions shall follow the same procedures that are required for initial permits and permit renewals.

(3) The permit shield shall extend to significant permit revisions.

Section 17. Off-Permit [~~and Section 502(b)(10)~~] Changes. (1) A permit revision shall not be required for changes that:

(a) **Are not modifications under Title I of the Act;**

(b) Are not subject to the Acid Rain Program;

(c) Do not violate any existing terms or conditions of the permit; and

(d) Meet all applicable requirements. [~~Are neither addressed nor prohibited in the permit; or~~

~~(b) Qualify as a change under 42 USC 7661a(b)(10).~~]

(2) **Except for changes that qualify as insignificant activities under Section 6 of this administrative regulation, sources shall notify the cabinet and the U.S. EPA in writing at least seven (7) workdays prior to making each change. The notification shall include:**

(a) A brief description of the change;

(b) The date on which the change will occur;

(c) Any change in emissions or pollutants that result from the change; and

(d) Any new applicable requirements that will apply after the change. [~~Sources may make these changes without a permit revision if:~~

~~(a) The change does not cause emissions to exceed those allowed in the permit, expressed as an emission rate or total emissions; and~~

~~(b) The change is not:~~

~~1. A modification under Title I of the Act; or~~

~~2. Subject to the acid rain provisions in Title IV of the Act.~~]

(3) **Sources shall keep records describing:**

(a) Off-permit changes that resulted in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit; and

(b) The emissions that resulted from those changes. [~~A source proposing to make a change pursuant to this section shall notify the cabinet and the U.S. EPA at least seven (7) workdays prior to making the change. The notice shall include:~~

~~(a) A description of the change;~~

~~(b) The date on which the change will occur;~~

~~(c) Any resulting changes in emissions; and~~

~~(d) Any permit terms or conditions that will no longer be applicable after the change.~~]

(4) **Sources shall keep a copy of each change notice on file with the permit.** [~~The source shall keep a copy of the notice on file with the permit.~~]

(5) The permit shield shall not extend to changes made under this section.

(6) Changes made under this section shall be incorporated into the permit upon renewal.

Section 18. **Section 502(b)(10) Changes. (1) A permit revision shall not be required for changes that:**

(a) Are not modifications under Title I of the Act;

(b) Are not subject to the Acid Rain Program; and

(c) Do not exceed the emissions allowed under the permit.

(2) Sources shall notify the cabinet and the U.S. EPA, in writing at least seven (7) workdays prior to making each change. The notification shall include:

(a) A brief description of each change;

(b) The date on which the change will occur;

(c) Any change in emissions that will result; and

(d) Any permit term or condition that will no longer be applicable after the change.

(3) Sources shall keep a copy of each change notice on file with the permit.

(4) The permit shield shall not extend to changes made under this section.

(5) Changes made under this section shall be incorporated into the permit upon renewal.

Section 19. Reopening for Cause. (1) A permit shall be reopened prior to expiration, if:

(a) **An affected source or a source with a remaining permit term of three (3) or more years becomes subject to a new applicable requirement. A reopening:**

1. Shall be completed not later than eighteen (18) months after promulgation of the new applicable requirement; and

2. Shall not be required if compliance with the applicable requirement is not required until after the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to Section 12(6) of this administrative regulation; or [~~New requirements become applicable to a source with a remaining permit term of three (3) or more years;~~]

(b) New requirements become applicable to an affected source subject to the Acid Rain Program; or

(c) The cabinet or the U.S. EPA determines that:

1. The permit contains a material mistake or an inaccurate statement was made when establishing the standards, terms or conditions of the permit; or

Section 26. Incorporation by Reference. (1) "Cabinet Provisions and Procedures for Issuing Title V Permits", June 2000, is incorporated by reference.

(2) This material may be inspected, copied, or obtained at the following offices of the Division for Air Quality, Monday through Friday, 8 a.m. to 4:30 p.m.:

(a) The Division for Air Quality, 803 Schenkel Lane, Frankfort, Kentucky 40601, (502) 573-3382;

(b) Ashland Regional Office, 3700 Thirteenth Street, Ashland, Kentucky 41105, (606) 920-2067;

(c) Bowling Green Regional Office, 1508 Westen Avenue, Bowling Green, Kentucky 42104, (270) 746-7475;

(d) Florence Regional Office, 8020 Veterans Memorial Drive, Suite 110, Florence, Kentucky 41042, (859) 292-6411;

(e) Frankfort Regional Office, 643 Teton Trail, Suite B, Frankfort, Kentucky, 40601, (502) 564-3358;

(f) Hazard Regional Office, 233 Birch Street, Suite 2, Hazard, Kentucky 41701, (606) 435-6022;

(g) London Regional Office, 875 S. Main Street, London, Kentucky 40741, (606) 878-0157;

(h) Owensboro Regional Office, 3032 Alvey Park Drive, W., Suite 700, Owensboro, Kentucky 42303, (270) 687-7304; and

(i) Paducah Regional Office, 4500 Clarks River Road, Paducah, Kentucky 42003, (270) 898-8468; or

(3) This material may also be obtained:

(a) By Email request to:

NREPC.DEPAirPermits@mail.state.ky.us; or

(b) On the internet at:

www.nr.state.ky.us/nrepc/dep/daq/prb.

JAMES E. BICKFORD, Secretary
BARBARA A. FOSTER, General Counsel
APPROVED BY AGENCY: October 13, 2000
FILED WITH LRC: October 13, 2000 at 11 a.m.

REGULATORY IMPACT ANALYSIS

Contact person: Millie Ellis

(1) Provide a brief summary of:

(a) What this administrative regulation does: The proposed administrative regulation provides the permitting requirements and procedures for major sources required to obtain Title V permits pursuant to 42 USC 7661 to 7661f.

(b) The necessity of this administrative regulation: The proposed administrative regulation provides necessary updates and clarifications to the Division's permitting program.

(c) How this administrative regulation conforms to the content of the authorizing statutes: KRS 224.10-100 requires the cabinet to prescribe administrative regulations for the prevention, abatement, and control of air pollution. The proposed administrative regulation will provide for the issuance of permits to major air contaminant sources in Kentucky. Furthermore, it is a requirement of the Clean Air Act for these sources to have Title V permits, and the U.S. EPA would issue these permits if the cabinet failed to do so.

(d) How this administrative regulation currently assists or will assist in the effective administration of the statutes: The requirements and procedures in the proposed administrative regulation were previously contained in 401 KAR 50:035, together with the permitting provisions for conditional major, synthetic minor, and minor sources. 401 KAR 50:035 is being repealed in a separate action (401 KAR 50:071), and its provisions are being promulgated in individual administrative regulations for each source type and are being moved to a new chapter of Kentucky Administrative Regulations, Title 401 KAR Chapter 52. Emphasis has been given to separating the permitting requirements for major source, as well as those for conditional major and synthetic minor sources, from minor sources, with which they have often been confused. In addition to updating the existing provisions to agree with current U.S. EPA guidelines, drafting language has been clarified and simplified to comply with the cabinet's initiative on plain language drafting.

(2) If this is an amendment to an existing administrative regulation, provide a brief summary of:

(a) How the amendment will change this existing administrative regulation: This is not an existing administrative regulation.

(b) The necessity of the amendment to this administrative regulation: This is not an existing administrative regulation.

(c) How the amendment conforms to the content of the authorizing statutes: This is not an existing administrative regulation.

(d) How the amendment will assist in the effective administration of statutes: This is not an existing administrative regulation.

(3) List the type and number of individuals, businesses, organizations, or state and local governments affected by this administrative regulation. There are currently about 300 sources in Kentucky that have or will obtain Title V permits in the near future.

(4) Provide an assessment of how the above group or groups will be impacted by either the implementation of this administrative regulation, if new, or by the change if it is an amendment: New sources that meet the applicability determinations of Section 1 of the proposed administrative regulation will be required to obtain Title V permits under its provisions. Existing sources that meet the applicability determinations of Section 1 of the proposed administrative regulation are required to obtain permit revisions under its provisions in order to modify. The compliance, reporting, and paperwork requirements should all be less confusing, and therefore less costly under this proposed administrative regulation. This will occur because the provisions in 401 KAR 50:035, which is being repealed in a separate action (401 KAR 50:071), are being clarified and simplified in the proposed administrative regulation.

(5) Provide an estimate of how much it will cost to implement this administrative regulation:

(a) Initially: There are no new initial costs for the implementation of the proposed administrative regulation. There will be some small savings for the division in the first year by reducing the time required to review and issue permits.

(b) On a continuing basis: There will be some small savings for the division in subsequent years by reducing the time required to review and issue permits.

(6) What is the source of the funding to be used for the implementation and enforcement of this administrative regulation: The division's operating budget will be used to implement and enforce the proposed administrative regulation.

(7) Provide an assessment of whether an increase in fees or funding will be necessary to implement this administrative regulation, if new, or by the change if it is an amendment. No increase in fees or funding is necessary to implement the proposed administrative regulation.

(8) State whether or not this administrative regulation establishes any fees or directly or indirectly increases any fees. The proposed administrative regulation does not establish any fees, nor does it directly or indirectly increase any fees.

(9) TIERING: Is tiering applied? Tiering is not applied. The provisions of the proposed administrative regulation apply equally to all sources throughout the Commonwealth that are required to have Title V permits. Therefore, tiering is not applied in the proposed administrative regulation. However tiering is provided in the cabinet's overall air permitting program.

FEDERAL MANDATE ANALYSIS COMPARISON

1. Federal statute or regulation constituting the federal mandate. The federal mandate is contained in 40 CFR Part 70 and 42 USC 7661 to 7661f.

2. State compliance standards. The state compliance standards are found at KRS 224.10-100, 224.20-100, 224.20-110, and 224.20-120.

3. Minimum or uniform standards contained in the federal mandate. The federal mandate requires the sources described in Section 1 of the proposed administrative regulation to operate only in compliance with a permit issued pursuant to 40 CFR Part 70.

4. Will this administrative regulation impose stricter requirements, or additional or different responsibilities or requirements, than those required by the federal mandate? No. The proposed administrative regulation does not impose stricter requirements, or additional or different responsibilities or requirements than those required by the federal mandate.

5. Justification for the imposition of the stricter standard, or addi-

(a) **Forms DEP7007AA, BB, and CC shall not be required for a source commencing construction unless a compliance plan is required under Section 3(3)(c) of this administrative regulation** [~~A compliance plan or schedule (Forms DEP7007AA, BB, and CC) shall not be required for applications to construct a new source~~];

(b) Applications for permit revisions shall provide only the information related to the change; and

(c) Applications for permit renewals shall provide only the information that is new or different from the most recent source-wide permit application.

(3) Sources that submit an application with a claim of confidential information shall:

(a) Authorize the cabinet to submit the information to the U.S. EPA; or

(b) Submit the information directly to the U.S. EPA.

(4) Completed application forms shall be submitted to Kentucky Division for Air Quality, Attn: Permit Support Section, 803 Schenkel Lane, Frankfort, Kentucky 40601:

(a) For initial permits, minor permit revisions, significant permit revisions, and permit renewals, in triplicate (original plus two (2) copies); and

(b) For administrative permit amendments, the original only.

(5) The cabinet may request up to seven (7) additional copies of the completed application form if needed for public review.

(6) Forms DEP 7007A**I** [~~1~~] to DD may be obtained:

(a) By contacting the Kentucky Division for Air Quality, Permit Support Section, 803 Schenkel Lane, Frankfort, Kentucky 40601, phone (502) 573-3382, Email:

NREPC.DEPAirPermits@mail.state.ky.us, or fax (502) 573-3787; or

(b) On the internet at:

www.state.ky.us/nrepc/dep/daq/prb/daqapp.htm.

Section 5. Information Required on Application. Applications shall contain:

(1) All the information needed to determine the applicable requirements and applicable emission fees;

(2) The following administrative information:

(a) Company name and address and, if different, plant name and address;

(b) Owner's and agent's names and addresses;

(c) Name, address, and phone number of the plant site manager or contact;

(d) Description of the source's processes and products; and

(e) Appropriate SIC code;

(3) The following emissions-related information:

(a) All emissions of regulated air pollutants, except those exempted in Section 2(2) of this administrative regulation;

(b) All fugitive emissions listed in the same manner as stack emissions;

(c) Additional information if needed to verify which requirements are applicable;

(d) Identification of the applicable requirements for each emissions unit;

(e) Identification and description of all emission units and emission points in sufficient detail to establish the basis for applicable requirements and applicable emission fees;

(f) Emission rates in terms necessary to determine compliance with applicable requirements;

(g) Fuels, fuel use, raw materials, production rates, and operating schedules to the extent needed to determine or to limit emissions;

(h) Other information required by an applicable requirement, including stack height limitations developed pursuant to 401 KAR 50:042; and

(i) Calculations on which the information in this paragraph is based;

(4) Citation and description of all applicable requirements, and the applicable test method for determining compliance with each;

(5) An explanation of proposed exemptions to otherwise applicable requirements;

(6) Other information if needed to implement and enforce other applicable requirements or to determine their applicability;

(7) If applicable, information needed to determine the applicable requirements and emission fees, and to define the permit terms and conditions for:

(a) Each alternate operating scenario; and

(b) Emissions trading under federally-enforceable emissions caps;

(8) A compliance plan containing:

(a) The compliance status for all applicable requirements, including:

1. For requirements with which the source is in compliance, a statement that the source will continue to comply; and

2. For requirements with which the source is not in compliance, a narrative description of how the source will achieve compliance;

(b) A compliance schedule, including:

1. For applicable requirements that will become effective during the permit term, a statement that the source will comply on a timely basis, unless a more detailed schedule is called for in the applicable requirement; and

2. For requirements with which the source is not in compliance, remedial measures leading to compliance, including checkpoints and scheduled completion dates; and

(c) For sources required to have a schedule of compliance to remedy a violation or noncompliance, a schedule for submission of certified progress reports no less frequent than every six (6) months;

(9) A certification of compliance with all applicable requirements by a responsible official;

(10) A statement of methods used for determining compliance, including a description of monitoring, recordkeeping and reporting requirements, and test methods;

(11) A schedule for submission of compliance certifications during the permit term, to be submitted annually or more frequently if specified by the cabinet or in an applicable requirement;

(12) A statement describing the source's compliance status with applicable monitoring, including enhanced monitoring, and compliance certification requirements; and

(13) Insignificant activities as specified in Section 6 of this administrative regulation.

Section 6. Insignificant **and Trivial** Activities. (1) Activities that meet the following conditions shall be classified as insignificant activities:

(a) The PTE from each activity shall not exceed:

1. One-half (1/2) tpy of **combined HAPs; or** [~~a HAP;~~]

2. [~~One and one-half (1-1/2) tpy of combined HAPs; or~~

~~3.~~] Five (5) tpy of a nonhazardous regulated air pollutant;

(b) The activity shall not involve the incineration of medical waste; [~~and~~]

(c) The activity shall not be subject to a federally-enforceable requirement, other than generally applicable requirements**; and**

(d) The sum of the PTE from all insignificant activities, when added with the source's other potential emissions, shall not cause the source to exceed a major source threshold or a limit contained in the permit to avoid major source applicability under Title I or Title V of the Act.

(2) In applications for permits, permit revisions, and permit renewals, sources shall:

(a) Include descriptions for all insignificant activities;

(b) Include all applicable requirements for each insignificant activity; and

(c) Not be required to provide detailed estimates for insignificant activities.

(3) A list of insignificant activities and generally applicable requirements approved by the cabinet shall be maintained and made available on request by contacting the Division for Air Quality, Permit Support Section, phone (502) 573-3382, Email:

NREPC.DEPAirPermits@mail.state.ky.us, or fax (502) 573-3787.

(4) The cabinet shall maintain a list of approved trivial activities, which shall not be required to be included in permit applications. The list shall be made available:

(a) On request by contacting the Division for Air Quality, Permit Support Section, phone (502) 573-3382, e-mail:

source threshold or five (5) tpy.

(2) A source with two (2) or more pending minor permit revisions may apply for group processing by submitting:

(a) A written request to use group processing;

(b) A list of pending permit revision applications awaiting group processing, and a determination of whether the sum of all the revisions will equal or exceed a thresholds in this section;

(c) Certification that all the pending revisions meet the criteria for use of group processing procedures;

(d) A list of new requirements that will apply after each revision is made; and

(e) A suggested draft permit showing only the information that is new or different than the existing permit.

(3) The source may implement the changes immediately upon filing a complete application.

(4) The permit shield shall not extend to permit revisions eligible for group processing.

Section 16. Significant Permit Revisions. (1) Significant permit revision procedures shall be used for revisions that:

(a) Involve significant changes in the monitoring requirements or a relaxation in the reporting or recordkeeping requirements contained in the permit; or

(b) Do not qualify as administrative permit amendments or minor permit revisions.

(2) Significant permit revisions shall follow the same procedures that are required for initial permits and permit renewals.

(3) The permit shield shall extend to significant permit revisions.

Section 17. Off-Permit and Section 502(b)(10) Changes. (1) **Off-permit changes.**

(a) A permit revision shall not be required for changes that:

1. Are not modifications under Title I of the Act;

2. Do not violate any terms or conditions of the permit; and

3. Meet all applicable requirements.

(b) Except for changes that qualify as insignificant activities under Section 6 of this administrative regulation, sources shall notify the cabinet in writing at least seven (7) workdays in advance of each change. The notification shall include:

1. A brief description of the change;

2. The date on which the change will occur;

3. Any change in emissions or pollutants that result from the change; and

4. Any new applicable requirements that will apply after the change.

(c) Sources shall keep records describing:

1. Off-permit changes that resulted in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit; and

2. The emissions that resulted from those changes.

(2) Section 502(b)(10) changes.

(a) A permit revision shall not be required for changes that:

1. Are not modifications under Title I of the Act; and

2. Do not exceed the emissions allowed under the permit.

(b) Sources shall notify the cabinet in writing at least seven (7) workdays in advance of each change. The notification shall include:

1. A brief description of each change;

2. The date on which the change will occur;

3. Any change in emissions that will result; and

4. Any permit term or condition that will no longer be applicable after the change.

(3) For all changes made under this section:

(a) Sources shall keep a copy of each change notice on file with the permit;

(b) The permit shield shall not extend to these changes; and

(c) Changes shall be incorporated into the permit upon renewal. ~~[A permit revision shall not be required for changes that:~~

~~(a) Are neither addressed nor prohibited in the permit; or~~

~~(b) Qualify as a change under 42 USC 7661a(b)(10).~~

~~(2) Sources may make these changes without a permit revision if:~~

~~(a) The change does not cause emissions to exceed those allowed in the permit, expressed as an emission rate or total emissions; and~~

~~(b) The change is not a modification under Title I of the Act.~~

~~(3) A source proposing to make a change pursuant to this section shall notify the cabinet at least seven (7) workdays prior to making the change. A copy of the notice shall be attached to the permit and shall contain the following information:~~

~~(a) A description of the change;~~

~~(b) The date on which the change will occur;~~

~~(c) The resulting change in emissions; and~~

~~(d) Any permit terms or conditions that will no longer be applicable after the change.~~

~~(4) The permit shield shall not extend to changes made under this section.~~

~~(5) Changes made under this section shall be incorporated into the permit upon renewal.~~]

Section 18. Reopening for Cause. (1) A permit shall be reopened prior to expiration, if:

(a) New requirements become applicable to a source with a remaining permit term of three (3) or more years; or

(b) The cabinet or the U.S. EPA determines that:

1. The permit contains a material mistake or an inaccurate statement was made when establishing the standards, terms or conditions of the permit; or

2. It is necessary to revise or revoke the permit to assure compliance with applicable requirements.

(2) Reopening a permit:

(a) Shall follow the same procedures as initial permit; and

(b) Shall affect only those parts of the permit for which cause to reopen exists.

~~[(3) The source shall submit an application for a permit revision within six (6) months after notification by the cabinet.]~~

Section 19. General Permits. The cabinet may issue a general permit covering similar sources in the same source category.

(1) A general permit shall require compliance with all requirements applicable to other permits and shall identify criteria by which sources may qualify for coverage.

(2) Sources that qualify for a general permit may:

(a) Apply to the cabinet for coverage under the terms of the general permit; or

(b) Apply for an individual permit under this administrative regulation.

(3) An application for a general permit shall include information necessary to determine qualification for, and to assure compliance with, the general permit.

(4) If the cabinet determines that a source does not meet the criteria for a general permit, the application shall be processed as a single-source permit pursuant to this administrative regulation.

(5) The permit shield shall apply to general permits.

(6) If a source applies for and receives a general permit and is later determined not to qualify for the permit's terms and conditions:

(a) The source shall be subject to enforcement action for operating without a permit; and

(b) The permit shield shall not be a defense to this violation.

Section 20. Temporary Replacement Units. The cabinet may authorize the temporary use of an emission unit to replace a similar unit that is taken off-line for maintenance, if the following conditions are met:

(1) The owner or operator shall submit to the cabinet, at least ten (10) days in advance of replacing a unit, the appropriate Forms DEP7007A**I** [~~1~~] to DD that show:

(a) The size and location of both the original and replacement units; and

(b) Any resulting change in emissions;

(2) The PTE of the replacement unit shall not exceed that of the original unit by more than twenty-five (25) percent of a major source threshold**, and the emissions from the unit shall not cause the source to exceed the emissions allowable under the permit**;

(3) The PTE of the replacement unit or the resulting PTE of the source shall not subject the source to a new applicable requirement;

(c) How this administrative regulation conforms to the content of the authorizing statutes: KRS 224.10-100 requires the cabinet to prescribe administrative regulations for the prevention, abatement, and control of air pollution. The proposed administrative regulation will provide for the issuance of permits sources who accept emission limitations in their permits to avoid the New Source Review requirements under Title I of the Clean Air Act or the Operating Permit Program requirements under Title V of the Clean Air Act.

(d) How this administrative regulation currently assists or will assist in the effective administration of the statutes: The requirements and procedures in the proposed administrative regulation were previously contained in 401 KAR 50:035, together with the permitting provisions for sources that are major for Title V and minor sources. 401 KAR 50:035 is being repealed in a separate action (401 KAR 50:071), and its provisions are being promulgated in individual administrative regulations for each source type and are being moved to a new chapter of 401 KAR Chapter 52. Emphasis has been given to separating the permitting requirements for conditional major and synthetic minor sources, from major and minor sources, with which they have often been confused. In addition to updating the existing provisions to agree with current U.S. EPA guidelines, drafting language has been clarified and simplified to comply with the cabinet's initiative on plain language drafting.

(2) If this is an amendment to an existing administrative regulation, provide a brief summary of:

(a) How the amendment will change this existing administrative regulation: This is not an existing administrative regulation.

(b) The necessity of the amendment to this administrative regulation: This is not an existing administrative regulation.

(c) How the amendment conforms to the content of the authorizing statutes: This is not an existing administrative regulation.

(d) How the amendment will assist in the effective administration of statutes: This is not an existing administrative regulation.

(3) List the type and number of individuals, businesses, organizations, or state and local governments affected by this administrative regulation. There are currently about 150 sources that have permits issued under previous versions of these rules.

(4) Provide an assessment of how the above group or groups will be impacted by either the implementation of this administrative regulation, if new, or by the change if it is an amendment: New sources that meet the applicability determinations of Section 1 of the proposed administrative regulation will be required to obtain permits under its provisions. Existing sources that meet the applicability determinations of Section 1 of the proposed administrative regulation will be required to obtain permit revisions under its provisions in order to modify. The compliance, reporting, and paperwork requirements should all be less confusing, and therefore less costly under the proposed administrative regulation. This will occur because the provisions in 401 KAR 50:035, which is being repealed in a separate action (401 KAR 50:071), are being clarified and simplified in the proposed administrative regulation.

(5) Provide an estimate of how much it will cost to implement this administrative regulation:

(a) Initially: There are no new initial costs for the implementation of the proposed administrative regulation. There will be some small savings for the division in the first year by reducing the time required to review and issue permits.

(b) On a continuing basis: There will be some small savings for the division in subsequent years by reducing the time required to review and issue permits.

(6) What is the source of the funding to be used for the implementation and enforcement of this administrative regulation: The division's operating budget will be used to implement and enforce the proposed administrative regulation.

(7) Provide an assessment of whether an increase in fees or funding will be necessary to implement this administrative regulation, if new, or by the change if it is an amendment. No increase in fees or funding is necessary to implement the proposed administrative regulation.

(8) State whether or not this administrative regulation establishes any fees or directly or indirectly increases any fees. The proposed administrative regulation does not establish any fees, nor does it directly or indirectly increase any fees.

(9) TIERING: Is tiering applied? Tiering is not applied. The provisions of the proposed administrative regulation apply equally to all sources throughout the Commonwealth who accept emission limitations in their permits to avoid the New Source Review requirements under Title I of the Clean Air Act or the Operating Permit Program requirements under Title V of the Clean Air Act. Therefore, tiering is not applied in the proposed administrative regulation. However tiering is provided in the cabinet's overall air permitting program.

FISCAL NOTE ON LOCAL GOVERNMENT

1. Does this administrative regulation relate to any aspect of a local government, including any service provided by that local government? No

2. State what unit, part or division of local government this administrative regulation will affect. This administrative regulation does not affect any known unit, part or division of local government.

3. State the aspect or service of local government to which this administrative regulation relates. This administrative regulation does not relate to any known aspect or service of local government.

4. Estimate the effect of this administrative regulation on the expenditures and revenues of a local government for the first full year the administrative regulation is to be in effect. If specific dollar estimates cannot be determined, provide a brief narrative to explain the fiscal impact of the administrative regulation.

Revenues (+/-): There is no known effect on current revenues.

Expenditures (+/-): There is no known effect on current expenditures.

Other Explanation: There is no further explanation.

NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION CABINET
Department for Environmental Protection
Division for Air Quality
(Amended After Hearing)

401 KAR 52:040. State-origin permits.

RELATES TO: KRS 224.10-100, 224.20-100, 224.20-110, 224.20-120, 42 USC 7412, 7429

STATUTORY AUTHORITY: KRS 224.10-100, 224.20-100, 224.20-110, 224.20-120, 42 USC 7412, 7429

NECESSITY, FUNCTION, AND CONFORMITY: KRS 224.10-100 requires the Natural Resources and Environmental Protection Cabinet to prescribe administrative regulations for the prevention, abatement, and control of air pollution. This administrative regulation establishes requirements for minor sources whose permits are not required to be federally enforceable.

Section 1. Applicability. This administrative regulation shall apply to:

(1) Sources that emit or have the potential to emit (PTE):

(a) More than twenty-five (25) and less than 100 tons per year (tpy) of a nonhazardous regulated air pollutant; and

(b) Less than ten (10) tpy of a HAP and less than twenty-five (25) tpy of combined HAPS; or

(2) Except as exempted in Section 2(1)(h) of this administrative regulation, minor source incinerators that are subject to an applicable requirement in:

(a) 401 KAR Chapter 59 or 61;

(b) 40 CFR Part 60 or 63; or

(c) A federal regulation promulgated under 42 USC 7429.

Section 2. Exemptions. (1) The following sources shall be exempt from this administrative regulation:

(a) Sources that are required to be registered under 401 KAR 52:070;

(b) Sources that are required to be permitted under 401 KAR 52:020 or 401 KAR 52:030;

(c) Sources that emit only pollutants for which there are no applicable requirements;

(d) Sources subject only to applicable requirements that clearly

1. For applicable requirements that will become effective during the permit term, a statement that the source will comply on a timely basis, unless a more detailed schedule is called for in the applicable requirement; and

2. For requirements that are not in compliance, remedial measures leading to compliance, including checkpoints and scheduled completion dates; and

(c) For sources required to have a schedule of compliance to remedy a violation or noncompliance, a schedule for submission of certified progress reports no less frequent than every six (6) months;

(8) A certification of compliance with all applicable requirements by a responsible official;

(9) A statement of methods used for determining compliance, including a description of monitoring, recordkeeping and reporting requirements, and test methods;

(10) A statement including the source's compliance status with applicable monitoring requirements;

(11) A schedule for submission of annual compliance certifications of this administrative regulation; and

(12) Insignificant activities as specified in Section 6 of this administrative regulation.

Section 6. Insignificant Activities. (1) Activities that meet the following conditions shall be classified as insignificant activities:

(a) The PTE from each activity shall not exceed:

1. One-half (1/2) tpy of **combined HAPs; or** ~~[a HAP;]~~

2. ~~[One and one-half (1 1/2) tpy of combined HAPs; or~~

~~3.]~~ Five (5) tpy of a nonhazardous regulated air pollutant;

(b) The activity shall not involve the incineration of medical waste; ~~[and]~~

(c) The activity shall not be subject to a federally-enforceable requirement, other than generally applicable requirements**; and**

(d) The sum of the PTE from all insignificant activities, when added with the source's other potential emissions, shall not cause the source to exceed a major source threshold.

(2) In applications for permits, permit revisions, and permit renewals, sources shall:

(a) Include descriptions for all insignificant activities;

(b) Include all applicable requirements for each insignificant activity; and

(c) Not be required to provide detailed estimates for insignificant activities.

(3) A list of insignificant activities and generally applicable requirements approved by the cabinet shall be maintained and made available on request by contacting the Division for Air Quality, Permit Support Section, phone (502) 573-3382, Email:

NREPC.DEPAirPermits@mail.state.ky.us,

or fax (502) 573-3787.

Section 7. Duty to Supplement or Correct Application. (1) An applicant who fails to submit relevant facts or who has submitted incorrect information in an application shall, upon discovery of the occurrence, promptly submit the supplementary facts or corrected information to the cabinet.

(2) If new requirements become applicable to a source after the application is submitted, but before a permit is issued, the applicant shall promptly provide the supplemental information to the cabinet.

(3) A source's authority to operate shall cease to apply if, by the deadline set by the cabinet, the source fails to submit additional information requested by the cabinet.

Section 8. Application Shield. (1) If a source submits a timely and complete application for a source-wide permit or permit renewal, the source's failure to have a permit shall not be a violation of this administrative regulation unless the cabinet makes a final determination to deny the permit or permit renewal.

(2) The application shield shall cease to exist if a source fails to supplement or correct an application pursuant to Section 7 of this administrative regulation.

Section 9. Completeness Review and Determination. Applications shall be reviewed by the cabinet for completeness pursuant to Section 2-I "Cabinet Provisions and Procedures for Issuing State-Origin Permits", which is incorporated by reference in Section 23 of this administrative regulation, for:

(1) Initial source-wide permits;

(2) Permit revisions subject to Section 12 of this administrative regulation; and

(3) Permit renewals.

Section 10. Permit Content. Permits shall contain terms and conditions as provided in Sections 1a to 1c of "Cabinet Provisions and Procedures for Issuing State-Origin Permits."

Section 11. Permit Shield. (1) Compliance with the conditions of a permit shall be considered compliance with all applicable requirements if:

(a) The applicable requirements are included and specifically identified in the permit; or

(b) The cabinet, in reviewing the application, determines that other specifically identified requirements are not applicable to the source, and this determination is stated in the permit.

(2) A permit shall not have a permit shield unless the permit expressly states that a shield exists.

(3) A permit shield shall not protect the owner or operator from enforcement actions for violating an applicable requirement prior to or at the time of permit issuance.

Section 12. Actions that Require a Permit or Permit Revision in Advance. (1) Sources shall obtain a permit or permit revision prior to commencing construction for the following actions:

(a) Construction of a ~~[new]~~ source;

(b) Reconstruction of **a** ~~[an existing]~~ source; or

(c) Modification at a source that will increase its PTE by:

1. Two and one-half (2 1/2) tpy or more of a HAP;

2. Seven and one-half (7 1/2) tpy or more of combined HAPs; or

3. Twenty-five (25) tpy or more of a nonhazardous regulated air pollutant.

(2) The source shall not commence construction, reconstruction, or modification until a permit or permit revision has been issued.

(3) For a source that is issued a permit to construct, reconstruct, or modify:

(a) The permit shall become invalid if the permitted action:

1. Is not commenced within eighteen (18) months after the permit is issued;

2. Begins but is discontinued for a period of eighteen (18) months or more; or

3. Is not completed within a reasonable timeframe; and

(b) The cabinet may extend these time periods if the source shows good cause.

(4) Sources that construct, reconstruct, or modify under this section:

(a) Shall demonstrate compliance with all applicable requirements pursuant to 401 KAR 50:055; and

(b) For sources that have not demonstrated compliance within the timeframes prescribed in 401 KAR 50:055, shall operate only for purposes of demonstrating compliance unless authorized under **an approved compliance plan or** an order of the cabinet.

Section 13. Actions that Do Not Require a Permit Revision in Advance. For all permit revisions except those in Section 12 of this administrative regulation, the source:

(1) Shall submit a complete application for a permit revision; and

(2) May implement the change immediately upon submittal of the application.

Section 14. Change of Ownership or Name of Permittee. If the owner or person to whom a permit is issued changes, the following information shall be submitted to the cabinet within ten (10) days following the change:

(1) The administrative information required by Form DEP7007A**[**~~[**,**]~~ showing the names and other information that has changed; and

(2) If ownership has changed, a signed written agreement specifying the date of transfer of permit responsibility, coverage, and liability.

Section 23. Incorporation by Reference. (1) "Cabinet Provisions and Procedures for Issuing State-Origin Permits", June 2000, is incorporated by reference.

(2) This material may be inspected, copied, or obtained at the following offices of the Division for Air Quality, Monday through Friday, 8 a.m. to 4:30 p.m.:

(a) The Division for Air Quality, 803 Schenkel Lane, Frankfort, Kentucky 40601, (502) 573-3382;

(b) Ashland Regional Office, 3700 Thirteenth Street, Ashland, Kentucky 41105, (606) 920-2067;

(c) Bowling Green Regional Office, 1508 Westen Avenue, Bowling Green, Kentucky 42104, (270) 746-7475;

(d) Florence Regional Office, 8020 Veterans Memorial Drive, Suite 110, Florence, Kentucky 41042, (859) 292-6411;

(e) Frankfort Regional Office, 643 Teton Trail, Suite B, Frankfort, Kentucky, 40601, (502) 564-3358;

(f) Hazard Regional Office, 233 Birch Street, Suite 2, Hazard, Kentucky 41701, (606) 435-6022;

(g) London Regional Office, 875 S. Main Street, London, Kentucky 40741, (606) 878-0157;

(h) Owensboro Regional Office, 3032 Alvey Park Drive, W., Suite 700, Owensboro, Kentucky 42303, (270) 687-7304; and

(i) Paducah Regional Office, 4500 Clarks River Road, Paducah, Kentucky 42003, (270) 898-8468; or

(3) This material may also be obtained:

(a) By Email request to:

NREPC.DEPAirPermits@mail.state.ky.us; or

(b) On the internet at:

www.nr.state.ky.us/nrepc/dep/daq/prb.

JAMES E. BICKFORD, Secretary
BARBARA A. FOSTER, General Counsel
APPROVED BY AGENCY: October 13, 2000
FILED WITH LRC: October 13, 2000 at 11 a.m.

REGULATORY IMPACT ANALYSIS

Contact person: Millie Ellis

(1) Provide a brief summary of:

(a) What this administrative regulation does: The administrative regulation provides the requirements and procedures for issuing, revising, and renewing permits minor sources in Kentucky.

(b) The necessity of this administrative regulation: The administrative regulation administrative regulation provides necessary updates and clarifications to the division's permitting program.

(c) How this administrative regulation conforms to the content of the authorizing statutes: KRS 224.10-100 requires the cabinet to prescribe administrative regulations for the prevention, abatement, and control of air pollution. This administrative regulation will provide for the issuance of permits sources who accept emission limitations in their permits to avoid the New Source Review requirements under Title I of the Clean Air Act or the Operating Permit Program requirements under Title V of the Clean Air Act.

(d) How this administrative regulation currently assists or will assist in the effective administration of the statutes: The requirements and procedures in the proposed administrative regulation were previously contained in 401 KAR 50:035, together with the permitting provisions for sources that are major for Title V and minor sources. 401 KAR 50:035 is being repealed in a separate action (401 KAR 50:071), and its provisions are being promulgated in individual administrative regulations for each source type and are being moved to a new chapter of 401 KAR Chapter 52. Emphasis has been given to separating the permitting requirements for conditional major and synthetic minor sources, from major and minor sources, with which they have often been confused. In addition to updating the existing provisions to agree with current U.S. EPA guidelines, drafting language has been clarified and simplified to comply with the cabinet's initiative on plain language drafting.

(2) If this is an amendment to an existing administrative regulation, provide a brief summary of:

(a) How the amendment will change this existing administrative regulation: This is not an existing administrative regulation.

(b) The necessity of the amendment to this administrative regulation: This is not an existing administrative regulation.

(c) How the amendment conforms to the content of the authorizing statutes: This is not an existing administrative regulation.

(d) How the amendment will assist in the effective administration of statutes: This is not an existing administrative regulation.

(3) List the type and number of individuals, businesses, organizations, or state and local governments affected by this administrative regulation. There are currently about 2,500 sources that have permits issued under previous versions of these rules.

(4) Provide an assessment of how the above group or groups will be impacted by either the implementation of this administrative regulation, if new, or by the change if it is an amendment: New sources that meet the applicability determinations of Section 1 of the proposed administrative regulation will be required to obtain state-origin permits under its provisions. Existing sources that meet the applicability determinations of Section 1 of the proposed administrative regulation will be required to obtain permit revisions under its provisions in order to modify. The compliance, reporting, and paperwork requirements should all be less confusing, and therefore less costly under this administrative regulation. This will occur because the provisions in 401 KAR 50:035, which is being repealed in a separate action (401 KAR 50:071), are being clarified and simplified in the proposed administrative regulation.

(5) Provide an estimate of how much it will cost to implement this administrative regulation:

(a) Initially: There are no new initial costs for the implementation of this administrative regulation. There will be some small savings for the division in the first year by reducing the time required to review and issue permits.

(b) On a continuing basis: There will be some small savings for the division in subsequent years by reducing the time required to review and issue permits.

(6) What is the source of the funding to be used for the implementation and enforcement of this administrative regulation: The division's operating budget will be used to implement and enforce this administrative regulation.

(7) Provide an assessment of whether an increase in fees or funding will be necessary to implement this administrative regulation, if new, or by the change if it is an amendment. No increase in fees or funding is necessary to implement this administrative regulation.

(8) State whether or not this administrative regulation establishes any fees or directly or indirectly increases any fees. This administrative regulation does not establish any fees, nor does it directly or indirectly increase any fees.

(9) TIERING: Is tiering applied? Tiering is not applied. The provisions of the proposed administrative regulation apply equally to all sources throughout the Commonwealth who meet the applicability determination of Section 1. Therefore, tiering is not applied in the proposed administrative regulation. However tiering is provided in the cabinet's overall air permitting program.

FISCAL NOTE ON LOCAL GOVERNMENT

1. Does this administrative regulation relate to any aspect of a local government, including any service provided by that local government? No

2. State what unit, part or division of local government this administrative regulation will affect. This administrative regulation does not affect any known unit, part or division of local government.

3. State the aspect or service of local government to which this administrative regulation relates. This administrative regulation does not relate to any known aspect or service of local government.

4. Estimate the effect of this administrative regulation on the expenditures and revenues of a local government for the first full year the administrative regulation is to be in effect. If specific dollar estimates cannot be determined, provide a brief narrative to explain the fiscal impact of the administrative regulation.

Revenues (+/-): There is no known effect on current revenues.

Expenditures (+/-): There is no known effect on current expenditures.

Other Explanation: There is no further explanation.

FEDERAL MANDATE ANALYSIS COMPARISON

1. Federal statute or regulation constituting the federal mandate. The federal mandate is found at 40 CFR Parts 72 to 78 and 42 USC 7651 to 7661(f).

2. State compliance standards. The state compliance standards are found at KRS 224.10-100, 224.20-100, 224.20-110, 224.20-120.

3. Minimum or uniform standards contained in the federal mandate. The federal mandate requires reductions in annual emissions of sulfur dioxide to reduce the adverse effects of acid deposition.

4. Will this administrative regulation impose stricter requirements, or additional or different responsibilities or requirements, than those required by the federal mandate? This administrative regulation will not impose stricter requirements or additional responsibilities or requirements than those required by the federal rules.

5. Justification for the imposition of the stricter standard, or additional or different responsibilities or requirements. Stricter standards and requirements are not imposed.

FISCAL NOTE ON LOCAL GOVERNMENT

1. Does this administrative regulation relate to any aspect of a local government, including any service provided by that local government? No

2. State what unit, part or division of local government this administrative regulation will affect. This administrative regulation does not affect any known unit, part or division of local government.

3. State the aspect or service of local government to which this administrative regulation relates. This administrative regulation does not relate to any known aspect or service of local government.

4. Estimate the effect of this administrative regulation on the expenditures and revenues of a local government for the first full year the administrative regulation is to be in effect. If specific dollar estimates cannot be determined, provide a brief narrative to explain the fiscal impact of the administrative regulation.

Revenues (+/-): There is no known effect on current revenues.

Expenditures (+/-): There is no known effect on current expenditures.

Other Explanation: There is no further explanation.

NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION CABINET
Department for Environmental Protection
Division for Air Quality
(Amended After Hearing)

401 KAR 52:070. Registration of designated sources.

RELATES TO: KRS 224.10-100, 224.20-100, 224.20-110, 224.20-120

STATUTORY AUTHORITY: KRS 224.10-100, 224.20-100, 224.20-110, 224.20-120

NECESSITY, FUNCTION, AND CONFORMITY: KRS 224.10-100 requires the Natural Resources and Environmental Protection Cabinet to prescribe administrative regulations for the prevention, abatement, and control of air pollution. There is no federal mandate for this administrative regulation. This administrative regulation provides for the registration of designated air contaminant sources in Kentucky.

Section 1. Applicability. This administrative regulation shall apply to:

(1) Sources that emit or have the potential to emit (PTE):

(a) Two (2) tpy or more but less than ten (10) tpy of a HAP;

(b) Five (5) tpy or more but less than twenty-five (25) tpy of combined HAPs; or

(c) For other regulated air pollutants:

1. Ten (10) tpy or more but less than twenty-five (25) tpy of a pollutant subject to an applicable requirement that does not specify the method for achieving compliance;

2. Ten (10) tpy or more but less than 100 tpy of a pollutant subject to an applicable requirement that clearly specifies the method of compliance; or

3. Ten (10) tpy or more but less than 100 tons per year of a pollutant for which there is no applicable requirement; or

(2) Sources that emit less than the cutoffs in subsection (1) of this section but are subject to an applicable requirement in 40 CFR Parts 60, 61, or 63.

Section 2. Exemptions. (1) The following sources shall be exempt from this administrative regulation:

(a) Sources that are required to be permitted under 401 KAR 52:020, 401 KAR 52:030, or 401 KAR 52:040;

(b) Sources that emit only nonprocess fugitive emissions;

(c) Sources subject only to the requirements of 40 CFR 60.530 to 60.539b, Standards of Performance for New Residential Wood Heaters;

(d) Sawmills that produce only rough-cut or dimensional lumber from logs and which have a rated capacity of 5,000 board feet per hour or less, if the source does not include an indirect heat exchanger or waste wood burner subject to an applicable requirement in 40 CFR Part 60 or 401 KAR Chapters 59 or 61.

(2) The following activities shall be exempt form this administrative regulation:

(a) Vehicles used for the transportation of passengers or freight;

(b) Publicly-owned roads;

(c) Asbestos demolition or renovation operations subject only to an applicable requirement in 401 KAR Chapter 58;

(d) Open burning covered under 401 KAR 63:005; and

(e) Activities or emission units contained in the "List of Trivial Activities", which the cabinet shall maintain and make available:

1. On request by calling the Division for Air Quality, Permit Support Section, at (502) 573-3382; and

2. On the Internet at:

www.nr.state.ky.us/nrepc/dep/daq/prb/trivial.html.

Section 3. General Provisions. (1) Sources that are subject to this administrative regulation shall:

(a) Register with the cabinet;

(b) Comply with all applicable requirements; and

(c)1. Allow authorized representatives of the cabinet to enter the premises at all reasonable times:

a. To access and copy any records required by this administrative regulation;

b. To inspect any facility, equipment (including air pollution control equipment), practice, or operation; and

c. To sample or monitor substances or parameters to determine compliance with applicable requirements.

2. Reasonable times shall be:

a. During all hours of operation;

b. During normal office hours; or

c. During an emergency.

(2) Sources that are located in ozone nonattainment areas and emit or have the potential to emit twenty-five (25) tpy or more of VOC or NOx shall submit an annual emission certification as follows:

(a) During the first quarter of each calendar year, the cabinet shall survey these sources to determine their actual emissions during the preceding calendar year and the source shall:

1. Make the appropriate additions or corrections to the survey;

2. Return the updated survey to the cabinet **within thirty (30) days of the date that the survey is mailed to the source** ~~[by the date indicated in the cover letter]~~. For this response:

a. Each day past the deadline that a source fails to submit the required information shall be a separate violation of this administrative regulation;

b. If no response is received by the deadline, the cabinet shall estimate the actual emissions based on prior history and other relevant information that is available; and

(b) Failure of the cabinet to notify a source under this subsection shall not relieve the source from the obligation to submit an emissions statement.

(3) The cabinet may require registered sources to demonstrate compliance with applicable requirements.

Section 4. When to Register. (1) New sources. Sources that

tive regulation. There are currently approximately 125 known sources in Kentucky that are already subject to the cabinet's existing registration requirement.

(4) Provide an assessment of how the above group or groups will be impacted by either the implementation of this administrative regulation, if new, or by the change if it is an amendment: New sources will become subject to the registration requirement as they are constructed and commence operation, and existing sources will continue to be subject to the registration requirement.

(5) Provide an estimate of how much it will cost to implement this administrative regulation:

(a) Initially: There are no new initial costs for the implementation of the proposed administrative regulation.

(b) On a continuing basis: There are no new continuing costs for the implementation of the proposed administrative regulation.

(6) What is the source of the funding to be used for the implementation and enforcement of this administrative regulation: The division's operating budget will be used to implement and enforce the proposed administrative regulation.

(7) Provide an assessment of whether an increase in fees or funding will be necessary to implement this administrative regulation, if new, or by the change if it is an amendment. No increase in fees or funding is necessary to implement the proposed administrative regulation.

(8) State whether or not this administrative regulation establishes any fees or directly or indirectly increases any fees. The proposed administrative regulation does not establish any fees, nor does it directly or indirectly increase any fees.

(9) TIERING: Is tiering applied? Tiering is applied. The proposed administrative regulation provides tiering within the cabinet's permitting program in that sources whose emissions fall within certain specified limits are required to register rather than to obtain a permit, and sources that emit below the specified levels are not required to register or to obtain a permit. Also, sources that are subject to administrative regulations in which the method of compliance is clearly specified are allowed to register rather than being required to obtain a permit.

FISCAL NOTE ON LOCAL GOVERNMENT

1. Does this administrative regulation relate to any aspect of a local government, including any service provided by that local government? Yes

2. State what unit, part or division of local government this administrative regulation will affect. This administrative regulation does not affect any known unit, part or division of local government.

3. State the aspect or service of local government to which this administrative regulation relates. This administrative regulation does not relate to any known unit, part or division of local government.

4. Estimate the effect of this administrative regulation on the expenditures and revenues of a local government for the first full year the administrative regulation is to be in effect. If specific dollar estimates cannot be determined, provide a brief narrative to explain the fiscal impact of the administrative regulation.

Revenues (+/-): There is no known effect on current revenues.

Expenditures (+/-): There is no known effect on current expenditures.

Other Explanation: There is no further explanation.

NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION CABINET
Department for Environmental Protection
Division for Air Quality
(Amended After Hearing)

401 KAR 52:080. Regulatory limit on potential to emit.

RELATES TO: KRS 224.10-100, 224.20-100, 224.20-110, 224.20-120, 42 USC 7661 to 7661(f)

STATUTORY AUTHORITY: KRS 224.10-100, 224.20-100, 224.20-110, 224.20-120, 42 USC 7661 to 7661(f)

NECESSITY, FUNCTION, AND CONFORMITY: KRS 224.10-100 requires the Natural Resources and Environmental Protection Cabinet to prescribe administrative regulations for the prevention, abatement, and control of air pollution. There is no federal mandate for this administrative regulation. This administrative regulation allows sources whose actual emissions remain less than fifty (50) percent of the major source threshold to avoid the Title V permitting process.

Section 1. Applicability. (1) This administrative regulation shall apply to sources whose potential to emit (PTE) equals or exceeds a major source threshold for Title V and:

(a) Whose actual emissions during any consecutive twelve (12) month period of operation after January 1, 1996, are less than fifty (50) percent of the major source thresholds for Title V;

(b) Who commenced construction on or before December 14, 1995; and

(c) Who do not have a Title V or conditional major permit.

(2) For purposes of this administrative regulation, a covered source shall be a source whose application for coverage under this administrative regulation has been approved by the cabinet.

Section 2. General Provisions. (1) Covered sources shall not be required to obtain a Title V or conditional major permit, except as provided in:

(a) Subsections (3) and (4) of this section; and

(b) Section 4(2) of this administrative regulation.

(2) Covered sources shall:

(a) Restrict actual emissions during each consecutive twelve (12) month period of operation after January 1, 1996, to less than fifty (50) percent of the major source thresholds for Title V;

(b) Comply with the applicable notification, recordkeeping, and reporting requirements of this administrative regulation;

(c) Allow authorized representatives of the cabinet to enter the premises where a source is located or where records are kept:

1. During normal office hours;

2. During all hours of operation; or

3. During periods of emergency;

(d) Demonstrate compliance with applicable requirements if so requested by the cabinet;

(e) Obtain a state-origin permit if required to do so under 401 KAR 52:040; and

(f) Operate in compliance with all applicable requirements.

(3) If a covered source receives a notice of violation for noncompliance with any provision in subsection (2)(a) to (d) of this section:

(a) Within six (6) months after receiving the notice of violation, the source shall submit an application for a Title V permit under 401 KAR 52:020 or a conditional major permit under 401 KAR 52:030; and

(b) Each incidence of noncompliance shall be a separate violation until a Title V or conditional major permit is issued to the source.

(4) If a covered source is required to obtain a Title V permit by the U.S. EPA, the source shall submit an application under 401 KAR 52:020 within twelve (12) months after publication of the final federal rulemaking.

(5) Sources that meet the applicability criteria for this administrative regulation may voluntarily apply for a Title V or conditional major permit.

Section 3. Notification Requirements. (1) To apply for coverage under this administrative regulation, sources shall contact the Division for Air Quality, Emissions Inventory Section, at (502) 573-3382 and request coverage under this administrative regulation.

(a) If the source is already entered in the KyEIS, the division shall provide a printout of the source's current emissions data and a copy of "Form DEP7008A, Application For Coverage Under 401 KAR 52:080 For Sources Currently In The KyEIS", which is incorporated by reference in Section 12(1)(a) of this administrative regulation. The source shall:

1. Verify, correct, and supplement the emissions data as instructed in the form; and

2. Return the completed form with required attachments to the address indicated on the form.

Appendix B-2

Final Administrative Regulations

CHAPTER 52
PERMITS, REGISTRATIONS, AND PROHIBITORY RULES

001. Definitions for 401 KAR Chapter 52.
020. Title V permits.
030. Federally-enforceable permits for nonmajor sources.
040. State-origin permits.
050. Permit application forms.
060. Acid rain permits.
070. Registration of designated sources.
080. Regulatory limit on potential to emit.
090. Prohibitory rule for hot mix asphalt plants.
100. Public, affected state, and U.S. EPA review.

401 KAR 52:001. Definitions for 401 KAR Chapter 52.

RELATES TO: KRS 224.10-100, 224.20-100, 224.20-110, 224.20-120

STATUTORY AUTHORITY: KRS 224.10-100, 224.20-100, 224.20-110, 224.20-120

NECESSITY, FUNCTION, AND CONFORMITY: KRS 224.10-100 requires the Natural Resources and Environmental Protection Cabinet to promulgate administrative regulations for the prevention, abatement, and control of air pollution. There is no federal mandate for this administrative regulation. This administrative regulation defines the terms used in 401 KAR Chapter 52. The definitions contained in this administrative regulation that have federal definitions have been clarified and simplified, but are not more stringent or otherwise different than the corresponding federal definitions.

Section 1. Definitions. (1) "Acid Rain Program" means the national program for reducing SO_2 and NOx emissions established under 42 USC 7651 to 7651o (Title IV of the Act) and codified at 40 CFR Parts 72 to 78.

(2) "Act" means the Clean Air Act established under 42 USC 7401 to 7671q.

(3) "Actual emissions" means the quantity of an air pollutant that is physically emitted into the ambient air during a specified time period.

(4) "Affected facility" means an apparatus, building, operation, road, or other entity or series of entities that emits or may emit an air contaminant into the outdoor atmosphere.

(5) "Affected source" means a source that includes one (1) or more affected units.

(6) "Affected states" means states that:

(a) Border Kentucky and whose air quality may be affected by the proposed permit, permit revision, or permit renewal; or

(b) Are situated within fifty (50) miles of the source requesting the proposed permit action.

(7) "Affected unit" means a unit subject to the Acid Rain Program.

(8) "Air contaminant" is defined in KRS 224.01-010(1).

(9) "Air pollutant" means air contaminant.

(10) "Air pollution" is defined in KRS 224.01-010(3).

(11) "Air pollution control equipment" means a mechanism, device or contrivance used to control or prevent air pollution, which is not, aside from air pollution control laws and administrative regulations, vital to production of the normal product of the source or to its normal operation.

(12) "Alternative method" means a method of sampling and analyzing for an air pollutant that is not a reference or equivalent method, but which has been demonstrated to the cabinet's and the U.S. EPA's satisfaction to produce adequate results for its determination of compliance.

(13) "Ambient air" means that portion of the atmosphere, external to buildings, to which the general public has access.

(14) "Ambient air quality standard" means a numerical expression of a specified concentration level for a particular air contaminant and the time averaging interval over which that concentration level is measured and is a goal to be achieved in a stated time through the application of appropriate preventive or control measures.

(15) "Applicable requirement" means a state-origin or federally enforceable requirement or standard that applies to a source.

(16) "Batch mix plant" means a source or affected facility that produces hot mix asphalt by heating and drying the aggregate in a dryer before separating and mixing it with asphalt cement in separate batches.

(17) "Cabinet" is defined in KRS 224.01-010.

(18) "Capital expenditure" means an expenditure for a physical or operational change to an affected facility that:

(a) Exceeds the product of:

1. The applicable "annual asset guidelines repair allowance percentage" specified in the Internal Revenue Service (IRS) Publication 534; and

2. The affected facility's basis, as defined by 26 USC 1012; and

(b) Is not reduced by an excluded addition as defined in IRS Publication 534.

(19) "Commence" means that an owner or operator has undertaken a continuous program of construction, modification, or reconstruction of an affected facility, or that an owner or operator has entered into a contractual obligation to undertake and complete, within a reasonable time, a continuous program of construction, modification, or reconstruction of an affected facility.

(20) "Construction" means fabrication, erection, installation or modification of an air contaminant source.

(21) "Continuous monitoring system" means the total equipment, required under the applicable administrative regulations used to sample, to condition (if applicable), to analyze, and to provide a permanent record of emissions or process parameters.

(22) "Control device" means equipment such as an incinerator or carbon adsorber used to reduce, by destruction or removal, the amount of air pollutants in an air stream prior to discharge to the ambient air.

(23) "Control system" means a combination of one (1) or more capture systems and control devices working in concert to reduce discharges of pollutants to the ambient air.

(24) "Designated representative" means a person authorized by the owners or operators of an affected source and of all affected units at the source, as evidenced by a certificate of representation submitted to the U.S. EPA in accordance with 40 CFR 72.20(b), to represent and legally bind each owner and operator, as a matter of federal law, in all matters pertaining to the Acid Rain Program. In matters relating to the acid rain portion of a Title V permit, the term "responsible official" means the designated representative.

(25) "Draft permit" means the version of a federally enforceable permit, which the cabinet offers for public review and any applicable affected state review.

(26) "Drum mix plant" means a source or affected facility that produces hot mix asphalt by heating, drying, and mixing the aggregate with asphalt cement in one (1) operation.

(27) "Emergency" means a situation arising from a sudden and reasonably unforeseeable event beyond the control of the source which:

(a) Requires immediate corrective action to restore normal operation;

(b) Causes the source to exceed a technology-based emission limitation in the permit due to unavoidable increases in emissions attributable to the emergency; and

(c) Shall not include noncompliance caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error.

(28) "Emissions fee" means the annual fee assessed to a source as prescribed in 401 KAR 50:038, made effective April 12, 1995.

(29) "Emission unit" means an affected facility, or a part or activity of a source, that emits or has the potential to emit a regulated air pollutant and does not alter the definition of the term "unit" as used in the Acid Rain Program.

(30) "Emission standard" means the numerical expression of quantity per unit of time or other parameter that limits the amount of a regulated air pollutant that a source or emission unit is allowed to emit to the ambient air.

(31) "Enforceable as a practical matter" means that the emission or other standards contained in a permit or compliance schedule include:

(a) Technically accurate emission standards and the portions of the source that are subject to the standards;

(b) A time period adequate to demonstrate compliance with the standards; and

(c) The method the source will use to achieve and demonstrate compliance with the standards, including appropriate monitoring, recordkeeping, and reporting.

(32) "Equivalent method" means a method of sampling and analyzing for an air pollutant, which has been demonstrated to the cabinet's and the U.S. EPA's satisfaction to have a consistent and quantitatively known relationship to the reference method, under specified conditions.

(33) "Exempt solvent" means an organic compound listed in the definition of volatile organic compound as not participating in atmospheric photochemical reactions.

(34) "Federally enforceable requirement" means the items specified in this subsection as they apply to emission units at a source subject to 40 CFR Part 70, including requirements that have been promulgated or approved by the U.S. EPA at the time of permit issuance but which have future-effective compliance dates:

(a) Standards or requirements in the state implementation plan (SIP) that implement the relevant requirements of the Act, including revisions to that plan promulgated at 40 CFR Part 52;

(b) Terms or conditions of preconstruction permits issued pursuant to administrative regulations approved or promulgated pursuant to 42 USC 7401 to 7515;

(c) A standard or other requirement promulgated pursuant to 42 USC 7411 or 7429 governing solid waste incinerators;

(d) A standard or other requirement promulgated pursuant to 42 USC 7412;

(e) Standards or requirements of the Acid Rain Program;

(f) Requirements established pursuant to 42 USC 7661c(b) or 7414(a)(3) for monitoring and compliance certification;

(g) A national ambient air quality standard or increment or visibility requirement pursuant to 42 USC 7470 to 7492 for temporary sources permitted pursuant to 42 USC 7661c(e);

(h) A standard or other requirement for consumer and commercial products adopted pursuant to 42 USC 7511b(e);

(i) A standard or other requirement for tank vessels adopted pursuant to 42 USC 7511b(f); and

(j) A standard or other requirement to protect stratospheric ozone adopted pursuant to 42 USC 7671 to 7671q, unless the U.S. EPA determines that those requirements need not be contained in the permit.

(35) "Final permit" means:

(a) For a federally enforceable permit, the version issued by the cabinet that has completed all the applicable review procedures of 401 KAR 52:100 and for which a final determination has been made.

(b) For a state-origin permit, the version that meets the applicable provisions of 401 KAR 52:040, and for which a final determination has been made.

(36) "Fixed capital cost" means the capital needed to provide all the depreciable components.

(37) "Fuel" means natural gas, petroleum, coal, wood, or a form of solid, liquid, or gaseous fuel derived from these materials for the purpose of creating useful heat.

(38) "Fugitive emissions" means those emissions that could not reasonably pass through a stack, chimney, vent, or other functionally equivalent opening.

(39) "Hazardous air pollutant" or "HAP" means a pollutant listed pursuant to 42 USC 7412(b).

(40) "Hot mix asphalt plant" means a stationary source or portable affected facility that manufactures hot mix asphalt by heating and drying aggregate and mixing it with asphalt cements.

(41) "Hydrocarbon" means an organic compound consisting predominantly of carbon and hydrogen.

(42) "Incineration" means the process of igniting and burning solid, semisolid, liquid, or gaseous combustible wastes.

(43) "Intermittent emissions" means emissions of particulate matter into the open air from a process that operates for less than any six (6) consecutive minutes.

(44) "KyEIS" means the Kentucky Emissions Inventory System.

(45) "Major source" means a stationary source or a group of stationary sources that emits or has the potential to emit at or above a major source threshold and:

(a) For HAPs:

1. Is located within a contiguous area;

2. Is under common control;

3. Includes all fugitive HAP emissions in determining if the source is major; and

4. Even if the units are in a contiguous area under common control, emissions are not aggregated with emissions from other similar units to determine major source status for:

a. Oil or gas exploration or production wells and the associated equipment; or

b. Pipeline compressors or pump stations; and

(b) For regulated air pollutants other than HAPs:

1. Is located on one (1) or more contiguous or adjacent properties;

2. Is under common control;

3. Belongs to a single major industrial grouping where all of the pollutant emitting activities belong to the same major group (i.e., all have the same two (2) digit code) as described in the 1987 Standard Industrial Classification (SIC) Manual; and

4. Fugitive emissions are considered in determining if the source is major if it belongs to a category listed in this clause:

a. Coal cleaning plants (with thermal dryers);

b. Kraft pulp mills;

c. Portland cement plants;

d. Primary zinc smelters;

e. Iron and steel mills;

f. Primary aluminum ore reduction plants;

g. Primary copper smelters;

h. Municipal incinerators capable of charging more than 250 tons of refuse per day;

i. Hydrofluoric, sulfuric, or nitric acid plants;

j. Petroleum refineries;

k. Lime plants;

l. Phosphate rock processing plants;

m. Coke oven batteries;

n. Sulfur recovery plants;

o. Carbon black plants (furnace process);

p. Primary lead smelters;

q. Fuel conversion plants;

r. Sintering plants;

s. Secondary metal production plants;

t. Chemical process plants;

u. Fossil-fuel boilers (or a combination thereof) totaling more than 250 million BTU per hour heat input;

v. Petroleum storage and transfer units with a total storage capacity of more than 300,000 barrels;

w. Taconite ore processing plants;

x. Glass fiber processing plants;

y. Charcoal production plants;

z. Fossil-fuel-fired steam electric plants of more than 250 million BTU per hour of heat input; or

aa. All other stationary source categories subject to a standard promulgated pursuant to 42 USC 7411 or 42 USC 7412 and for which the U.S. EPA has made an affirmative determination pursuant to 42 USC 7602(j).

(46) "Major source threshold" means PTE:

(a) For HAPs:

1. Ten (10) tons per year or more of a single HAP;

2. Twenty-five (25) tons per year or more of combined HAPs; or

3. A lesser quantity that the U.S. EPA establishes in a final rulemaking; or

(b) 100 tons per year or more for regulated air pollutants other than HAPs, except that:

1. For ozone nonattainment areas:

a. 100 tons per year or more of volatile organic compounds or nitrogen oxides in areas classified as marginal or moderate;

b. Fifty (50) tons per year or more in areas classified as serious;

c. Twenty-five (25) tons per year or more in areas classified as severe; or

d. Ten (10) tons per year or more in areas classified as extreme;

2. Fifty (50) tons per year or more of carbon monoxide for carbon monoxide nonattainment areas that are classified as serious and in which stationary sources contribute significantly to carbon monoxide levels; or

3. Seventy (70) tons per year or more of particulate matter (PM_{10}) for PM_{10} nonattainment areas classified as serious.

(47) "Malfunction" means a sudden and infrequent failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner that is not caused entirely or in part by poor maintenance, careless operation, or other upset condition or equipment breakdown that could have been reasonably prevented.

(48) "Marginal nonattainment county" or "marginal nonattainment area" means a county or portion of a county designated marginal nonattainment for the one (1) hour national ambient air quality standard for ozone in 401 KAR 51:010.

(49) "Minor source" means a stationary source that emits and has the potential to emit less than the major source thresholds.

(50) "Moderate nonattainment county" or "moderate nonattainment area" means a county or portion of a county designated moderate nonattainment for the one (1) hour national ambient air quality standard for ozone in 401 KAR 51:010.

(51) "Modification" means a physical change in, or a change in the method of operation of, an affected facility that:

(a) Increases the amount of a regulated air pollutant emitted into the atmosphere by that facility or which results in the emission of a regulated air pollutant into the atmosphere not previously emitted; and

(b) Is not solely:

1. Maintenance, repair, and replacement that the cabinet determines to be routine for a source category;

2. An increase in production rate of an affected facility, if that increase can be accomplished without a capital expenditure on that facility;

3. An increase in the hours of operation;

4. Use of an alternative fuel or raw material if, prior to the date a standard becomes applicable to that source type, the affected facility was designed to accommodate that alternative use. A facility shall be considered to be designed to accommodate an alternative fuel or raw material if that use could be accomplished under the facility's construction specifications as amended prior to the change.

5. Conversion to coal required for energy considerations, as specified in 42 USC 7411(a)(8);

6. The addition or use of a system or device whose primary function is the reduction of air pollutants, except if an emission control system is removed or is replaced by a system, which the cabinet determines to be less environmentally beneficial; or

7. The relocation or change in ownership of a source.

(52) "Modification under Title I of the Act" means a change at a facility that would constitute a modification under 42 USC 7470 to 7492 or 42 USC 7501 to 7515.

(53) "Opacity" means the degree to which emissions reduce the transmission of light and obscure the view of an object in the background.

(54) "Owner or operator" means a person who owns, leases, operates, controls, or supervises an affected facility or a source to which an affected facility is a part.

(55) "Person" means an individual, public or private corporation, political subdivision, government agency, municipality, industry, copartnership, association, firm, trust, estate, or other entity.

(56) "Potential to emit" or "PTE" means the maximum capacity of a stationary source to emit a regulated air pollutant given its physical and operational design where:

(a) A physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or on the type or amount of material combusted, stored, or processed shall be treated as part of its design if the limitation is enforceable as a practical matter; and

(b) This definition does not alter or affect the use of this term for other purposes of the Act or the term "capacity factor" as used in the Acid Rain Program.

(57) "Proposed permit" means the version of a permit that the cabinet proposes to issue and submit to the U.S. EPA for forty-five (45) day review period.

(58) "Reconstruction" means the replacement of components of an existing affected facility to the extent that:

(a) The fixed capital cost of the new components exceeds fifty (50) percent of the fixed capital cost that would be required to construct a comparable entirely new affected facility; and

(b) It is technologically and economically feasible to meet the applicable requirements in 401 KAR Chapters 50 to 65.

(59) "Reference method" means a method of sampling and analyzing for an air pollutant as prescribed by 40 CFR Part 50, Appendices A to N; Part 60, Appendices A to B; and Part 62, Appendix B.

(60) "Regulated air pollutant" means:

(a) Nitrogen oxides;

(b) Volatile organic compounds;

(c) A pollutant for which a national ambient air quality standard has been promulgated pursuant to 42 USC 7409 (Section 109 of the Act);

(d) A Class I or Class II substance subject to a standard promulgated or established pursuant to 42 USC 7671 to 7671q (Title VI of the Act);

(e) A pollutant subject to a standard promulgated pursuant to 42 USC 7411;

(f) A hazardous air pollutant (HAP) subject to a standard or other requirement established pursuant to 42 USC 7412.

(61) "Renewal" means the process by which a permit is reissued at the end of its permit term.

(62) "Responsible official" means:

(a) For a corporation: a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or other person who performs similar policy or decision-making functions for the corporation, or a duly authorized representative of that person if the representative is responsible for the overall operation of one (1) or more manufacturing, production, or operating facilities applying for or subject to a permit and either:

1. The facilities employ more than 250 persons or have gross annual sales or expenditures exceeding $25,000,000 (in second quarter 1980 dollars); or

2. The delegation of authority to the representative is approved in advance by the cabinet;

(b) For a partnership or sole proprietorship, a general partner or the proprietor, respectively;

(c) For a municipality, state, federal, or other public agency, a principal executive officer or ranking elected official. For this administrative regulation, the principal executive officer of a federal agency includes the chief executive officer having responsibility for the overall operation of a principal geographic unit of the agency (e.g., a regional administrator of the U.S. EPA); or

(d) For the acid rain portion of a permit for an affected source, the designated representative.

(63) "Section 502(b)(10) changes" means changes that contravene an express permit term and does not include changes that would violate applicable requirements or contravene federally enforceable permit terms and conditions that are monitoring (including test methods), recordkeeping, reporting, or compliance certification requirements.

(64) "Shutdown" means the cessation of an operation.

(65) "Source" means one (1) or more affected facilities contained within a given contiguous property line, which means the property is separated only by a public thoroughfare, stream, or other right of way.

(66) "Standard" means an emission standard, a standard of performance, or an ambient air quality standard as promulgated in 401 KAR Chapters 50 to 65, including the emission control requirements necessary to comply with 401 KAR Chapter 51.

(67) "Start-up" means the setting in operation of an affected facility.

(68) "State implementation plan" or "SIP" means the most recently prepared plan or revision required by 42 USC 7410, which has been approved by the U.S. EPA.

(69) "State-origin permit" means a permit that is issued pursuant to 401 KAR 52:040 and is not federally enforceable.

(70) "State-origin requirement" means an applicable requirement contained in 401 KAR Chapters 50 to 65, which is not mandated by the Act and is not federally enforceable.

(71) "Stationary source" means a building, structure, affected facility, or installation that emits or may emit a regulated air pollutant.

(72) "Title V permit" means a permit issued pursuant to 401 KAR 52:020 and Kentucky's Part 70 Operating Permit Program approved by the U.S. EPA on November 14, 1995 (60 FR 57186) and made effective on December 14, 1995.

(73) "Title V program" means a state operating permit program approved by the U.S. EPA pursuant to 42 USC 7661 to 7661f (Title V of the Act).

(74) "Total suspended particulate" or "TSP" means particulate matter as measured by the method described in Appendix B of 40 CFR 50.

(75) "tpy" means ton per year.

(76) "U.S. EPA" means the U.S. Environmental Protection Agency.

(77) "Volatile organic compound" or "VOC" means an organic compound that participates in atmospheric photochemical reactions. This includes an organic compound other than the following compounds: methane; ethane; carbon monoxide; carbon dioxide; carbonic acid; metallic carbides or carbonates; ammonium carbonate; methylene chloride; 1,1,1,-trichloroethane (methyl chloroform); trichlorofluoromethane (CFC-11); dichlorodifluoromethane (CFC-12); chlorodifluoromethane (HCFC-22); trifluoromethane (HFC-23); 1,1,2-trichloro-1,2,2-trifluoroethane (CFC-113); dichlorotetrafluoroethane (CFC-114); chloropentafluoroethane (CFC-115); dichlorotrifluoroethane (HCFC-123); tetrafluoroethane (HFC-134a); dichlorofluoroethane (HCFC-141b); chlorodifluoroethane (HCFC-142b); 2-chloro-1,1,1,2-tetrafluoroethane (HCFC-124); pentafluoroethane (HFC-125); 1,1,2,2-tetrafluoroethane (HFC-134); 1,1,1-trifluoroethane (HFC-143a); 1,1-difluoroethane (HFC-152a); parachlorobenzotrifluoride (PCBTF); cyclic, branched, or linear completely methylated siloxanes; acetone; perchloroethylene (tetrachloroethylene); 3,3-dichloro-1,1,1,2,2-pentafluoropropane (HCFC-225ca); 1,3-dichloro-1,1,2,2,3-pentafluoropropane (HCFC-225cb); 1,1,1,2,3,4,4,5,5,5-decafluoropentane (HFC43-10mee); difluoromethane (HFC-32); ethylfluoride (HFC-161); 1,1,1,3,3,3-hexafluoropropane (HFC-236fa); 1,1,2,2,3-pentafluoropropane (HFC-245ca); 1,1,2,3,3-pentafluoropropane (HFC-245ea); 1,1,1,2,3-pentafluoropropane (HFC-245eb); 1,1,1,3,3-pentafluoropropane (HFC-245fa); 1,1,1,2,3,3-hexafluoropropane (HFC-236ea); 1,1,1,3,3-pentafluorobutane (HCFC-365mfc); chlorofluoromethane (HCFC-31); 1 chloro-1-fluoroethane (HCFC-151a); 1,2-dichloro-1,1,2-trifluoroethane (HCFC 123a); 1,1,12,2,3,3,4,4-nonafluoro-4-methoxybutane ($C_4F_9OCH_3$); 2-(difluoromethoxymethyl)-1,1,12,3,3,3-heptafluoropropane ($(CF_3)_2CFCF_2OCH_3$); 1-ethoxy-1,1,2,2,3,3,4,4,4-nonafluorobutane ($C_4F_9OC_2H_5$); 2-(ethoxydifluoromethyl)-1,1,1,2,3,3,3-heptafluoropropane ($(CF_3)_2CFCF_2OC_2H_5$); methyl acetate; and perfluorocarbon compounds which fall into the following classes:

(a) Cyclic, branched, or linear, completely fluorinated alkanes;

(b) Cyclic, branched, or linear, completely fluorinated ethers with no unsaturations;

(c) Cyclic, branched, or linear, completely fluorinated tertiary amines with now unsaturations;

(d) Sulfur containing perfluorocarbons with no unsaturations and with sulfur bonds only to carbon and fluorine; or

(e) Other compounds that have negligible photochemical reactivity and which are inadvertently measured by test methods that have been approved by the cabinet and the U.S. EPA.

(78) "Waste oil" means a petroleum based or synthetic oil such as an engine lubricant, engine oil, motor oil, or lubricating oil for use in an internal combustion engine, or a lubricant for motor transmissions, gears, or axles which through use, storage, or handling has become unsuitable for its original purpose due to the presence of impurities or loss of original properties. (27 Ky.R. 612; Am. 1277; 1775; eff. 1-15-2001.)

401 KAR 52:020. Title V permits.

RELATES TO: KRS 224.10-100, 224.20-100, 224.20-110, 224.20-120, 40 CFR Part 70, 42 USC 7661 to 7661(f)

STATUTORY AUTHORITY: KRS 224.10-100, 224.20-100, 224.20-110, 224.20-120, 40 CFR Part 70, 42 USC 7661 to 7661(f)

NECESSITY, FUNCTION, AND CONFORMITY: KRS 224.10-100 requires the Natural Resources and Environmental Protection Cabinet to promulgate administrative regulations for the prevention, abatement, and control of air pollution. This administrative regulation establishes requirements for air contaminant sources located in Kentucky that are required to obtain a Title V permit.

Section 1. Applicability. This administrative regulation shall apply to sources required to obtain a Title V permit, including:

(1) Major sources;

(2) Affected sources subject to the Acid Rain Program;

(3) Sources subject to new source review under 401 KAR 51:017 or 401 KAR 51:052; and

(4) Sources that are:

(a) Subject to a federal standard promulgated under 42 USC 7411 (NSPS) or 42 USC 7412 (NESHAP); and

(b) Not exempted or deferred from Title V permitting by the U.S. EPA.

Section 2. Exemptions. The following sources shall be exempt from this administrative regulation, except that an exempted source may voluntarily apply for a Title V permit:

(1) Sources required to obtain a permit solely because they are subject to 40 CFR 60.530 to 60.539b, Standards of Performance for New Residential Wood Heaters; and

(2) Sources required to obtain a permit solely because they are subject to the requirements contained in 401 KAR 58:025, Asbestos standards.

Section 3. General Provisions. (1) Sources subject to this administrative regulation shall:

(a) Not construct, reconstruct, or modify without a permit or permit revision issued under this administrative regulation, except as provided in Sections 13, 14, 15, 17, and 18 of this administrative regulation;

(b) Operate in compliance with a permit issued under this administrative regulation;

(c) Demonstrate compliance with applicable requirements if requested by the cabinet;

(d) Comply with 401 KAR 50:038, Emission fees;

(e) Submit an annual compliance certification pursuant to Section 21 of this administrative regulation;

(f) Submit an annual emission certification pursuant to Section 22;

(g) Apply for a permit renewal pursuant to Section 12 of this administrative regulation; and

(h)1. Allow authorized representatives of the cabinet to enter upon the premises where a source is located or emissions-related activity is conducted, or records are kept, at reasonable times:

a. To access and copy any records required by the permit;

b. To inspect any facility, equipment (including air pollution control equipment), practice, or operation; and

c. To sample or monitor substances or parameters to determine compliance with the permit and all applicable requirements.

2. Reasonable times shall be:

a. During all hours of operation;

b. During normal office hours; or

c. During an emergency.

(2) For permits issued to construct, reconstruct, or modify:

(a) The permit shall become invalid if the permitted action:

1. Is not commenced within eighteen (18) months after the permit is issued;

2. Begins but is discontinued for a period of eighteen (18) months or more; or

3. Is not completed within eighteen (18) months of the scheduled completion date;

(b) For phased construction projects:

1. Each phase shall commence construction within eighteen (18) months of the projected and approved commencement dates;

2. The time period between construction of approved phases shall not count in determining that construction has been discontinued for eighteen (18) months or longer; and

3. The cabinet may extend the time periods in this paragraph if the source shows good cause.

(3) Sources that construct, reconstruct, or modify shall demonstrate compliance pursuant to 401 KAR 50:055 as follows:

(a) Constructing or reconstructing sources shall demonstrate compliance with all applicable requirements;

(b) Modifying sources shall demonstrate compliance with all applicable requirements that:

1. Become applicable following the modification; or

2. May be affected as a result of the modification; and

(c) Sources that have not demonstrated compliance during the prescribed timeframe given in 401 KAR 50:055 shall operate only for purposes of demonstrating compliance unless otherwise authorized by an approved compliance plan or an order of the cabinet.

Section 4. Applying for a Permit, Permit Revision, or Permit Renewal. (1) Complete applications shall be submitted using Forms DEP7007AI to DD, which is incorporated by reference in 401 KAR 52:050, for the following permit actions:

(a) Initial permits for sources commencing construction;

(b) The first Title V permit for sources that commence construction prior to the effective date of this administrative regulation;

(c) Renewal permits; and

(d) Permit revisions, including administrative permit amendments, minor permit revisions, and significant permit revisions.

(2) A complete application shall contain the information specified in Section 5 of this administrative regulation, except that:

(a) Forms DEP7007AA, BB, and CC shall not be required for the application of a source commencing construction unless a compliance plan is required under Section 3(3)(c) of this administrative regulation;

(b) Applications for permit revisions shall provide only the information related to the change and a certification by a responsible official pursuant to Section 23 of this administrative regulation; and

(c) Applications for permit renewals shall provide only the information that is new or different from the most recent source-wide permit application and certification by a responsible official pursuant to Section 23 of this administrative regulation.

(3) Sources subject to Section 1(4) of this administrative regulation shall submit a complete application within one (1) year after the U.S. EPA publishes a final rule requiring the source to obtain a Title V permit.

(4) Sources that submit an application with a claim of confidential information shall:

(a) Authorize the cabinet to submit the information to the U.S. EPA; or

(b) Submit the information to the cabinet and directly to the U.S. EPA.

(5) Completed application forms shall be submitted to Kentucky Division for Air Quality, Attn: Permit Support Section, 803 Schenkel Lane, Frankfort, Kentucky 40601:

(a) For initial permits, minor permit revisions, significant permit revisions, and permit renewals, the original plus two (2) copies; and

(b) For administrative permit amendments, the original only.

(6) The cabinet may request up to seven (7) additional copies of the completed application form if needed for public review.

(7) Forms DEP7007AI to DD may be obtained:

(a) By contacting the Kentucky Division for Air Quality, Permit Support Section, 803 Schenkel Lane, Frankfort, Kentucky 40601, phone (502) 573-3382, Email:

NREPC.DEPAirPermits@mail.state.ky.us, or fax (502) 573-3787; or

(b) On the Internet at:

www.state.ky.us/nrepc/dep/daq/prb/daqapp.htm.

Section 5. Information Required on Application. Applications shall contain:

(1) All the information needed to determine the applicable requirements and emission fees;

(2) The following administrative information:

(a) Company name and address and, if different, plant name and address;

(b) Owner's and agent's names and addresses;

(c) Name, address, and phone number of the plant site manager or contact;

(d) Description of the source's processes and products; and

(e) Appropriate SIC Code;

(3) The following emissions-related information:

(a) All emissions for which the source is major and all emissions of regulated air pollutants;

(b) All fugitive emissions, listed in the same manner as stack emissions;

(c) Additional information if needed to verify which requirements are applicable;

(d) Identification of the applicable requirements for each emissions unit;

(e) Identification and description of all emission units and emission points in sufficient detail to establish the basis for applicable requirements and emission fees;

(f) Identification and description of air pollution control equipment and compliance monitoring devices or activities;

(g) Emission rates in tons per year and in terms necessary to establish compliance consistent with the applicable standard reference test method;

(h) Fuels, fuel use, raw materials, production rates, and operating schedules to the extent needed to determine or limit emissions;

(i) Other information required by an applicable requirement, including stack height limitations developed pursuant to 401 KAR 50:042; and

(j) Calculations on which the information in this paragraph is based;

(4) Citation and description of all applicable requirements, and the applicable test method for determining compliance with each;

(5) An explanation of proposed exemptions to otherwise applicable requirements;

(6) Other information if needed to implement and enforce other applicable requirements or to determine their applicability;

(7) If applicable, information needed to determine the applicable requirements and emission fees, and to define the permit terms and conditions for:

(a) Each alternate operating scenario; and

(b) Emissions trading under federally-enforceable emissions caps containing proposed replicable procedures and permit terms that ensure the emissions trades are quantifiable and enforceable;

(8) A compliance plan containing:

(a) The compliance status for all applicable requirements, including:

1. For requirements with which the source is in compliance, a statement that the source will continue to comply; and

2. For requirements with which the source is not in compliance, a narrative description of how the source will achieve compliance;

(b) A compliance schedule that:

1. Resembles or is at least as stringent as that contained in an order of the cabinet;

2. Is supplemental to, and does not condone noncompliance with, the applicable requirements upon which it is based;

3. Includes, for applicable requirements that will become effective during the permit term, a statement that the source will comply on a timely basis, unless a more detailed schedule is called for in the applicable requirement; and

4. Includes, for requirements with which the source is not in compliance, remedial measures leading to compliance, including checkpoints and scheduled completion dates;

(c) For sources required to have a schedule of compliance to remedy a violation or noncompliance, a schedule for submission of certified progress reports no less frequent than every six (6) months;

(9) A certification of compliance with all applicable requirements by a responsible official pursuant to Section 23 of this administrative regulation;

(10) A statement of methods used for determining compliance, including a description of monitoring, recordkeeping and reporting requirements, and test methods;

(11) A schedule for submission of compliance certifications during the permit term, to be submitted annually or more frequently if specified by the cabinet or in an applicable requirement;

(12) A statement describing the source's compliance status with applicable monitoring, including enhanced monitoring, and compliance certification requirements; and

(13) Insignificant activities as specified in Section 6(1) of this administrative regulation.

Section 6. Insignificant and Trivial Activities. (1) Activities that meet the following conditions shall be classified as insignificant activities:

(a) The PTE from each activity shall not exceed:

1. One-half (1/2) tpy of combined HAPs; or

2. Five (5) tpy of a nonhazardous regulated air pollutant;

(b) The activity shall not involve the incineration of medical waste; and

(c) The activity shall not be subject to a federally-enforceable requirement, other than generally applicable requirements.

(2) In applications for permits, permit revisions, and permit renewals, sources shall:

(a) Include descriptions for all insignificant activities;

(b) Include all applicable requirements for each insignificant activity; and

(c) Not be required to provide detailed estimates for insignificant activities.

(3) A list of insignificant activities and generally applicable requirements approved by the cabinet shall be maintained and made available on request by contacting the Division for Air Quality, Permit Support Section, phone (502) 573-3382, Email:
NREPC.DEPAirPermits@mail.state.ky.us, or fax (502) 573-3787.

(4) The cabinet shall maintain a list of approved trivial activities, which shall not be required to be included in permit applications. The list shall be made available:

(a) On request by contacting the Division for Air Quality, Permit Support Section, phone (502) 573-3382, e-mail:
NREPC.DEPAirPermits@mail.state.ky.us,
or fax (502) 573-3787; or

(b) On the Internet at:
www.nr.state.ky.us/nrepc/dep/daq/prb/trivial.html.

Section 7. Duty to Supplement or Correct Application. (1) An applicant who fails to submit relevant facts or who has submitted incorrect information in an application shall, upon discovery of the occurrence, promptly submit the supplementary facts or corrected information.

(2) If new requirements become applicable to a source after the application is submitted, but before a draft permit is issued, the applicant shall promptly provide the supplemental information to the cabinet.

(3) Failure to supplement or correct an application shall be a violation of this administrative regulation and may result in:

(a) Termination of a permit;

(b) Revocation and reissuance of a permit;

(c) Revision of a permit; or

(d) Denial of a permit.

Section 8. Application Shield. (1) If a source submits a timely and complete application for a source-wide permit or permit renewal, the source's failure to have a permit shall not be a violation of this administrative regulation unless the cabinet makes a final determination to deny the permit or permit renewal.

(2) A source's authority to operate shall cease to apply if the source fails to submit additional information requested by the cabinet, by the deadline set by the cabinet, after the completeness determination has been made.

Section 9. Completeness Review and Determination. Applications shall be reviewed by the cabinet for completeness pursuant to Section 2-I of "Cabinet Provisions and Procedures for Issuing Title V Permits", which is incorporated by reference in Section 26 of this administrative regulation, for:

(1) Initial permits for sources commencing construction;

(2) The first Title V permit for sources that commenced construction prior to the effective date of this administrative regulation;

(3) Significant permit revisions; and

(4) Permit renewals.

Section 10. Permit Content. Permits shall contain terms and conditions as provided in Sections 1a to 1c of "Cabinet Provisions and Procedures for Issuing Title V Permits."

Section 11. Permit Shield. (1) Compliance with the conditions of a permit shall be considered in compliance with all applicable requirements as of the date of permit issuance if:

(a) The applicable requirements are included and specifically identified in the permit; or

(b) The cabinet, in acting on the permit application or revision, determines in writing that other specifically identified requirements are not applicable to the source, and this determination is stated in the permit.

(2) A permit shall not have a permit shield unless the permit expressly states that a shield exists.

(3) Nothing in the permit or permit shield shall alter or affect:

1. Emergency orders issued under 42 USC 7603, including the authority of the U.S. EPA under that section;

2. The liability of the owner or operator for violation of an applicable requirement prior to or at the time of permit issuance;

3. The applicable requirements of the Acid Rain Program; or

4. The ability of the U.S. EPA to obtain information from the source pursuant to 42 USC 7414.

Section 12. Permit Duration and Renewal. (1) Title V permits issued pursuant to this administrative regulation shall remain in effect for a fixed term of five (5) years, except that permits for solid waste incineration units combusting municipal waste shall remain in effect for twelve (12) years and shall be reviewed by the cabinet every five (5) years.

(2) Permits issued under the procedures of Section 2-III of "Cabinet Provisions and Procedures for Issuing Title V Permits" shall remain in effect until a Title V permit is issued to the source.

(3) A source that is subject to an existing permit, authorization to operate, or order of the cabinet, shall operate in compliance with the existing terms and conditions until a final Title V permit is issued.

(4) An application for a permit renewal shall be submitted at least six (6) months prior to expiration of the current permit.

(5) Expiration of a permit shall terminate the source's authority to operate unless the source has submitted a timely and complete renewal application.

(6) All terms and conditions of the previous permit, including the permit shield, shall remain in effect until the renewal permit has been issued or denied, if:

(a) The cabinet fails to issue or deny the renewal permit before the expiration of the previous permit; and

(b) The source has submitted a timely and complete renewal application.

(7) If the cabinet fails to act promptly on a permit renewal, the U.S. EPA may terminate or revoke and reissue the permit pursuant to 42 USC 7661d(e).

Section 13. Administrative Permit Amendments. (1) The following permit revisions may be processed as administrative permit amendments:

(a) Correct typographical errors;

(b) Change the name, address, or phone number of a person identified in the permit, or make similar minor administrative changes;

(c) Change in ownership or operational control if the cabinet determines that no other changes in the permit are necessary;

(d) Require more frequent monitoring or reporting; and

(e) Incorporate into a Title V permit the requirements from preconstruction review permits that:

1. Were processed using procedures equivalent to those in this administrative regulation that would be applicable to the change if it were subject to review as a permit revision; and

2. Contained compliance requirements equivalent to those in this administrative regulation.

(2) Sources requesting an administrative permit amendment shall submit the appropriate Forms DEP7007AI to DD reflecting the desired change and may implement the change immediately upon submittal.

(3) For administrative permit amendments in which only the owner or person to whom a permit is issued changes, the following information shall be submitted to the cabinet within ten (10) days following the change:

(a) Administrative Information Form DEP7007AI showing the names and other information that has changed; and

(b) If ownership has changed, a signed written agreement specifying the date of transfer of permit responsibility, coverage, and liability.

(4) The cabinet may allow coverage under the permit shield for a preconstruction review permit incorporated as an administrative permit amendment, if:

(a) The preconstruction review permit meets the relevant requirements for a significant permit revision under this administrative regulation; and

(b) The cabinet notifies the U.S. EPA of the proposed action as provided in Section 2-IV.5 of "Cabinet Provisions and Procedures for Issuing Title V Permits".

(5) Administrative permit amendments for the acid rain portion of a permit shall be governed by regulations promulgated pursuant to 42 USC 7651 to 7651o.

Section 14. Minor Permit Revisions. (1) Except as provided in the Acid Rain Program the procedures in this section shall be used for permit revisions that:

(a) Do not violate an applicable requirement;

(b) Do not involve significant changes to existing monitoring, reporting, or recordkeeping requirements in the permit;

(c) Do not require or change a case-by-case determination of:

1. An emission limitation or other standard;

2. A source-specific determination for temporary sources of ambient impacts; or

3. A visibility or increment analysis;

(d) Do not seek to establish or change a permit term or condition for which there is no corresponding underlying applicable requirement, and which the source has assumed to avoid an otherwise applicable requirement, including:

1. A federally enforceable emissions cap assumed to avoid classification as a modification under Title I of the Act; and

2. An alternative emissions limit approved pursuant to 42 USC 7412(i)(5);

(e) Is not a modification under Title I of the Act; and

(f) Is not required to be processed as a significant permit revision.

(2) The procedures in this section may be used for changes involving the use of economic incentives, marketable permits, emissions trading, or similar programs in:

(a) The state implementation plan (SIP); or

(b) A federal requirement.

(3) Sources requesting a minor permit revision shall submit the appropriate Forms DEP7007AI to DD, including:

(a) A description of the change, and the resulting change in emissions;

(b) New applicable requirements that will apply after the change;

(c) Certification by a responsible official pursuant to Section 23 of this administrative regulation that the change meets the criteria for use of minor permit revision procedures, and a request for their use;

(d) A suggested draft permit showing only the information that is new or different than the existing permit; and

(e) Completed forms for the cabinet to notify the U.S. EPA and affected states.

(4) The source may implement the change immediately upon filing a complete application.

(a) After the source makes the change, and until the cabinet takes any of the actions specified in Section 2-VI.3.a of "Cabinet Provisions and Procedures for issuing Title V Permits", the source shall comply with:

1. The applicable requirements governing the change; and

2. The proposed permit terms and conditions.

(b) Until the cabinet takes an action specified in Section 2-VI.3.a of "Cabinet Provisions and Procedures for issuing Title V Permits":

1. The source shall not be required to comply with the existing permit terms and conditions it seeks to modify, unless the source fails to comply with its proposed permit terms and conditions; and

2. If the source fails to comply with its proposed permit terms and conditions, the existing permit terms and conditions it seeks to modify may be enforced against it.

(c) If the minor permit revision is denied, the source shall comply with the existing permit terms and conditions.

(5) The permit shield shall not extend to minor permit revisions.

Section 15. Group Processing of Minor Permit Revisions. (1) Group processing shall be used only for permit revisions that:

(a) Meet the criteria for minor permit revisions; and

(b) Are collectively below the following thresholds:

1. Ten (10) percent of the emissions allowed in the permit for the emission unit or units affected by the change; and

2. The lesser of twenty (20) percent of the applicable major source threshold or five (5) tpy.

(2) A source with two (2) or more pending minor permit revisions may apply for group processing by submitting:

(a) A written request to use group processing;

(b) A list of pending permit revision applications awaiting group processing, and a determination of whether the sum of all the revisions will equal or exceed a threshold in this section;

(c) Certification by a responsible official pursuant to Section 23 of this administrative regulation that all the pending revisions meet the criteria for use of group processing procedures;

(d) A list of new requirements that will apply after each revision is made;

(e) A suggested draft permit showing only the information that is new or different than the existing permit;

(f) Certification that the source has notified the U.S. EPA of the proposed permit revision and included a brief description of the change; and

(g) Completed forms for the cabinet to notify the U.S. EPA and affected states.

(3) The source may implement the changes immediately upon filing a complete application.

(a) After the source makes the change, and until the cabinet takes any of the actions specified in Section 2-VI.3.a of "Cabinet Provisions and Procedures for issuing Title V Permits", the source shall comply with:

1. The applicable requirements governing the change; and

2. The proposed permit terms and conditions.

(b) Until the cabinet takes an action specified in Section 2-VI.3.a of "Cabinet Provisions and Procedures for issuing Title V Permits":

1. The source shall not be required to comply with the existing permit terms and conditions it seeks to modify, unless the source fails to comply with its proposed permit terms and conditions; and

2. If the source fails to comply with its proposed permit terms and conditions, the existing permit terms and conditions it seeks to modify may be enforced against it.

(c) If the minor permit revision is denied, the source shall comply with the existing permit terms and conditions.

(4) The permit shield shall not extend to permit revisions eligible for group processing.

Section 16. Significant Permit Revisions. (1) Except as provided in the Acid Rain Program, significant permit revision procedures shall be used for revisions that:

(a) Involve significant changes in the monitoring requirements or a relaxation in the reporting or recordkeeping requirements contained in the permit; or

(b) Do not qualify as administrative permit amendments or minor permit revisions.

(2) Significant permit revisions shall follow the same procedures that are required for initial permits and permit renewals.

(3) The permit shield shall extend to significant permit revisions.

Section 17. Off-Permit Changes. (1) A permit revision shall not be required for changes that:

(a) Are not modifications under Title I of the Act;

(b) Are not subject to the Acid Rain Program;

(c) Do not violate any existing terms or conditions of the permit; and

(d) Meet all applicable requirements.

(2) Except for changes that qualify as insignificant activities under Section 6 of this administrative regulation, sources shall notify the cabinet and the U.S. EPA in writing at least seven (7) workdays prior to making each change. The notification shall include:

(a) A brief description of the change;

(b) The date on which the change will occur;

(c) Any change in emissions or pollutants that result from the change; and

(d) Any new applicable requirements that will apply after the change.

(3) Sources shall keep records describing:

(a) Off-permit changes that resulted in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit; and

(b) The emissions that resulted from those changes.

(4) Sources shall keep a copy of each change notice on file with the permit.

(5) The permit shield shall not extend to changes made under this section.

(6) Changes made under this section shall be incorporated into the permit upon renewal.

Section 18. Section 502(b)(10) Changes. (1) A permit revision shall not be required for changes that:

(a) Are not modifications under Title I of the Act;

(b) Are not subject to the Acid Rain Program; and

(c) Do not exceed the emissions allowed under the permit.

(2) Sources shall notify the cabinet and the U.S. EPA, in writing at least seven (7) workdays prior to making each change. The notification shall include:

(a) A brief description of each change;

(b) The date on which the change will occur;

(c) Any change in emissions that will result; and

(d) Any permit term or condition that will no longer be applicable after the change.

(3) Sources shall keep a copy of each change notice on file with the permit.

(4) The permit shield shall not extend to changes made under this section.

(5) Changes made under this section shall be incorporated into the permit upon renewal.

Section 19. Reopening for Cause. (1) A permit shall be reopened prior to expiration, if:

(a) An affected source or a source with a remaining permit term of three (3) or more years becomes subject to a new applicable requirement. A reopening:

1. Shall be completed not later than eighteen (18) months after promulgation of the new applicable requirement; and

2. Shall not be required if compliance with the applicable requirement is not required until after the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to Section 12(6) of this administrative regulation; or

(b) New requirements become applicable to an affected source subject to the Acid Rain Program; or

(c) The cabinet or the U.S. EPA determines that:

1. The permit contains a material mistake or an inaccurate statement was made when establishing the standards, terms or conditions of the permit; or

2. It is necessary to revise or revoke the permit to assure compliance with applicable requirements.

(2) Reopening a permit:

(a) Shall follow the same procedures as initial permits; and

(b) Shall affect only those parts of the permit for which cause to reopen exists.

(3) Permit reopenings shall be made as expeditiously as practicable.

(4) The permit and all its terms and conditions, including any permit shield that has been issued pursuant to Section 11 of this administrative regulation, shall remain in effect until the revised permit has been issued or denied.

Section 20. General Permits. The cabinet may, after notice and opportunity for public participation provided in 401 KAR 52:100, issue a general permit covering similar sources in the same source category.

(1) A general permit shall require compliance with all requirements applicable to other permits and shall identify criteria by which sources may qualify for coverage.

(2) Sources that qualify for a general permit may:

(a) Apply to the cabinet for coverage under the terms of the general permit; or

(b) Apply for an individual permit under this administrative regulation.

(3) An application for a general permit shall meet the requirements of this administrative regulation and shall include information necessary to determine qualification for, and to assure compliance with, the general permit.

(4) If the cabinet determines that a source does not meet the criteria for a general permit, the application shall be processed as a single-source permit pursuant to this administrative regulation.

(5) The permit shield shall apply to general permits.

(6) If a source applies for and receives a general permit and is later determined not to qualify for the permit's terms and conditions:

(a) The source shall be subject to enforcement action for operating without a permit; and

(b) The permit shield shall not be a defense to this violation.

(7) General permits shall not be authorized for affected sources except as provided in the Acid Rain Program.

(8) Coverage granted under a general permit shall not be a final permit action for purposes of judicial review unless the public review procedures in 401 KAR 52:100 are met.

Section 21. Compliance Certifications. (1) Sources shall certify compliance with all applicable requirements annually using Form DEP7007CC:

(a) Sources with Title V permits issued prior to December 31, 2000 shall submit their certification in 2001 on the permit anniversary, unless otherwise instructed by the local regional office.

(b) All sources, including those that have not received a Title V permit, shall submit their certification in 2002 and each year thereafter on or before January 30, except that sources who submitted a certification after September 30, 2001, shall not be required to submit their next certification until January 30, 2003.

(2) The compliance certification shall contain the following information for each term or condition of the permit that is the basis for the certification:

(a) Identification of the term or condition;

(b) Compliance status;

(c) The method used for determining compliance over the reporting period, and whether the method provided continuous or intermittent data; and

(d) The method currently used for determining compliance.

(3) Compliance certifications shall be mailed to the Division for Air Quality, Central Files, 803 Schenkel Lane, Frankfort, Kentucky 40601, and a copy sent to the U.S. EPA and to the appropriate Regional Office listed in Section 26 of this administrative regulation.

Section 22. Annual Emissions Certification. An annual emission certification shall be submitted to the cabinet by sources subject to this administrative regulation.

(1) During the first quarter of each calendar year, the cabinet shall survey each source to determine its actual emissions during the preceding calendar year, and the source shall provide and certify the information requested and return the updated survey to the cabinet within thirty (30) days from the date that the survey is mailed to the source.

(2) Each day past the deadline that a source fails to submit the required information shall be a separate violation of this administrative regulation.

(3) If no response is received from a source, the cabinet may estimate its actual emissions based on prior history and other relevant information that is available.

(4) Failure by the cabinet to notify a source shall not relieve the source of its obligation to submit an annual emissions statement.

Section 23. Certification by Responsible Official. A responsible official shall certify that, based on information and belief formed after reasonable inquiry, the statements and information contained in the following documents are true, accurate, and complete:

(1) Applications for initial permits, permit revisions, and permit renewals;

(2) Reports;

(3) Compliance certifications; and

(4) Emissions certifications.

Section 24. Emergency Provision. (1) An emergency shall be an affirmative defense to enforcement actions brought for noncompliance with a technology-based emission standard if the source demonstrates through properly signed, contemporaneous operating logs, or other relevant evidence that:

(a) An emergency occurred and the permittee can identify the cause of the emergency;

(b) The permitted facility was at the time being properly operated;

(c) The source took all reasonable steps to minimize excess emissions during the emergency; and

(d) The source notified the cabinet as quickly as possible and followed-up, as soon as practicable but not later than ten (10) workdays after the emergency occurred, with a written report that contains:

1. A description of the emergency;

2. Any steps taken to mitigate emissions; and

3. The corrective actions taken.

(2) In an enforcement proceeding seeking to establish that an emergency occurred, the burden of proof shall rest with the source.

(3) This provision shall be in addition to any emergency or upset provision contained in an applicable requirement.

Section 25. Public, Affected State, and U.S. EPA Review. All permits, permit renewals, and permit revisions issued under this administrative regulation, other than administrative permit amendments, shall be offered for review by the public, affected states, and the U.S. EPA pursuant to 401 KAR 52:100.

Section 26. Incorporation by Reference. (1) "Cabinet Provisions and Procedures for Issuing Title V Permits", June 2000, is incorporated by reference.

(2) This material may be inspected, copied, or obtained at the following offices of the Division for Air Quality, Monday through Friday, 8 a.m. to 4:30 p.m.:

(a) The Division for Air Quality, 803 Schenkel Lane, Frankfort, Kentucky 40601, (502) 573-3382;

(b) Ashland Regional Office, 3700 Thirteenth Street, Ashland, Kentucky 41105, (606) 920-2067;

(c) Bowling Green Regional Office, 1508 Westen Avenue, Bowling Green, Kentucky 42104, (270) 746-7475;

(d) Florence Regional Office, 8020 Veterans Memorial Drive, Suite 110, Florence, Kentucky 41042, (859) 292-6411;

(e) Frankfort Regional Office, 643 Teton Trail, Suite B, Frankfort, Kentucky, 40601, (502) 564-3358;

(f) Hazard Regional Office, 233 Birch Street, Suite 2, Hazard, Kentucky 41701, (606) 435-6022;

(g) London Regional Office, 875 S. Main Street, London, Kentucky 40741, (606) 878-0157;

(h) Owensboro Regional Office, 3032 Alvey Park Drive, W., Suite 700, Owensboro, Kentucky 42303, (270) 687-7304; and

(i) Paducah Regional Office, 4500 Clarks River Road, Paducah, Kentucky 42003, (270) 898-8468; or

(3) This material may also be obtained:

(a) By Email request to:

NREPC.DEPAirPermits@mail.state.ky.us; or

(b) On the internet at:

www.nr.state.ky.us/nrepc/dep/daq/prb. (27 Ky.R. 617; Am. 1281; 1779; eff. 1-15-2001.)

401 KAR 52:030. Federally-enforceable permits for nonmajor sources.

RELATES TO: KRS 224.10-100, 224.20-100, 224.20-110, 224.20-120, 40 CFR Part 70, 42 USC 7661 to 7661(f)

STATUTORY AUTHORITY: KRS 224.10-100, 224.20-100, 224.20-110, 224.20-120, 40 CFR Part 70, 42 USC 7661 to 7661(f)

NECESSITY, FUNCTION, AND CONFORMITY: KRS 224.10-100 requires the Natural Resources and Environmental Protection Cabinet to promulgate administrative regulations for the prevention, abatement, and control of air pollution. This administrative regulation establishes requirements for air contaminant sources located in Kentucky that accept emission limitations to avoid the New Source Review requirements under Title I of the Clean Air Act or the Operating Permit Program requirements under Title V of the Clean Air Act.

Section 1. Applicability. This administrative regulation shall apply to sources that accept permit conditions that are legally and practically enforceable to limit their potential to emit (PTE) below the major source thresholds that would make them subject to 401 KAR 52:020.

Section 2. Exemptions. (1) The following sources shall be exempt from this administrative regulation:

(a) Sources required to be registered under 401 KAR 52:070;

(b) Sources required to be permitted under 401 KAR 52:040;

(c) Sources required to be permitted under 401 KAR 52:020; and

(d) Sources subject only to the requirements of 40 CFR 60.530 to 60.539b, Standards of Performance for New Residential Wood Heaters.

(2) The following activities shall be exempt from this administrative regulation:

(a) Vehicles used for the transport of passengers of freight;

(b) Publicly-owned roads;

(c) Asbestos demolition or renovation operations subject only to an applicable requirement in 401 KAR Chapter 58; and

(d) Open burning covered under 401 KAR 63:005.

Section 3. General Provisions. (1) Sources subject to this administrative regulation shall:

(a) Not construct, reconstruct, or modify without a permit issued under this administrative regulation, except as provided in Sections 13, 14, 15, and 17 of this administrative regulation;

(b) Operate in compliance with a permit issued under this administrative regulation;

(c) Demonstrate compliance with applicable requirements if requested by the cabinet;

(d) Comply with 401 KAR 50:038, Emissions fee, if applicable;

(e) Submit an annual compliance certification pursuant to Section 21 of this administrative regulation; and

(f)1. Allow authorized representatives of the cabinet to enter upon the premises at reasonable times:

a. To access and copy any records required by the permit;

b. To inspect any facility, equipment (including air pollution control equipment), practice, or operation; and

c. To sample or monitor substances or parameters to determine compliance with the permit and all applicable requirements.

2. Reasonable times shall be:

a. During all hours of operation;

b. During normal office hours; or

c. During an emergency.

(2)(a) Permits issued to construct, reconstruct, or modify a source shall become invalid if the permitted action:

1. Is not commenced within eighteen (18) months after the date the permit is issued;

2. Begins but is discontinued for a period of eighteen (18) months or more; or

3. Is not completed within eighteen (18) months of the scheduled completion date.

(b) The cabinet may extend these time periods if the source shows good cause.

(c) For phased construction projects, each phase shall commence construction within eighteen (18) months of the projected and approved commencement dates.

(3) For sources that construct, reconstruct, or modify shall demonstrate compliance pursuant to 401 KAR 50:055 as follows:

(a) Constructing or reconstructing sources shall demonstrate compliance with all applicable requirements;

(b) Modifying sources shall demonstrate compliance with all requirements that:

1. Become applicable following the modification; or

2. May be affected as a result of the modification; and

(c) Sources that have not demonstrated compliance during the prescribed timeframe given in 401 KAR 50:055 shall operate only for purposes of demonstrating compliance unless otherwise authorized by an approved compliance plan or an order of the cabinet.

(4) Sources that are located in ozone nonattainment areas and emit or have the potential to emit 25 tpy or more of VOC or NOx shall submit an annual emission certification pursuant to Section 25(2) of this administrative regulation.

Section 4. Applying for a Permit, Permit Revision, or Permit Renewal. (1) Complete applications shall be submitted using Forms DEP7007AI to DD, which are incorporated by reference in 401 KAR 52:050, for the following permit actions:

(a) Initial permits for sources commencing construction;

(b) Initial permits for sources that become subject to this administrative regulation as the result of a change;

(c) Renewal permits; and

(d) Permit revisions, including administrative permit amendments, minor permit revisions, significant permit revisions, and modifications at sources that do not have source-wide permits.

(2) A complete application shall contain the information specified in Section 5 of this administrative regulation, except that:

(a) Forms DEP7007AA, BB, and CC shall not be required for a source commencing construction unless a compliance plan is required under Section 3(3)(c) of this administrative regulation;

(b) Applications for permit revisions shall provide only the informa-

tion related to the change; and

(c) Applications for permit renewals shall provide only the information that is new or different from the most recent source-wide permit application.

(3) Sources that submit an application with a claim of confidential information shall:

(a) Authorize the cabinet to submit the information to the U.S. EPA; or

(b) Submit the information directly to the U.S. EPA.

(4) Completed application forms shall be submitted to Kentucky Division for Air Quality, Attn: Permit Support Section, 803 Schenkel Lane, Frankfort, Kentucky 40601:

(a) For initial permits, minor permit revisions, significant permit revisions, and permit renewals, in triplicate (original plus two (2) copies); and

(b) For administrative permit amendments, the original only.

(5) The cabinet may request up to seven (7) additional copies of the completed application form if needed for public review.

(6) Forms DEP 7007AI to DD may be obtained:

(a) By contacting the Kentucky Division for Air Quality, Permit Support Section, 803 Schenkel Lane, Frankfort, Kentucky 40601, phone (502) 573-3382, Email:

NREPC.DEPAirPermits@mail.state.ky.us, or fax (502) 573-3787; or

(b) On the internet at:

www.state.ky.us/nrepc/dep/daq/prb/daqapp.htm.

Section 5. Information Required on Application. Applications shall contain:

(1) All the information needed to determine the applicable requirements and applicable emission fees;

(2) The following administrative information:

(a) Company name and address and, if different, plant name and address;

(b) Owner's and agent's names and addresses;

(c) Name, address, and phone number of the plant site manager or contact;

(d) Description of the source's processes and products; and

(e) Appropriate SIC code;

(3) The following emissions-related information:

(a) All emissions of regulated air pollutants, except those exempted in Section 2(2) of this administrative regulation;

(b) All fugitive emissions listed in the same manner as stack emissions;

(c) Additional information if needed to verify which requirements are applicable;

(d) Identification of the applicable requirements for each emissions unit;

(e) Identification and description of all emission units and emission points in sufficient detail to establish the basis for applicable requirements and applicable emission fees;

(f) Emission rates in terms necessary to determine compliance with applicable requirements;

(g) Fuels, fuel use, raw materials, production rates, and operating schedules to the extent needed to determine or to limit emissions;

(h) Other information required by an applicable requirement, including stack height limitations developed pursuant to 401 KAR 50:042; and

(i) Calculations on which the information in this paragraph is based;

(4) Citation and description of all applicable requirements, and the applicable test method for determining compliance with each;

(5) An explanation of proposed exemptions to otherwise applicable requirements;

(6) Other information if needed to implement and enforce other applicable requirements or to determine their applicability;

(7) If applicable, information needed to determine the applicable requirements and emission fees, and to define the permit terms and conditions for:

(a) Each alternate operating scenario; and

(b) Emissions trading under federally-enforceable emissions caps;

(8) A compliance plan containing:

(a) The compliance status for all applicable requirements, including:

1. For requirements with which the source is in compliance, a statement that the source will continue to comply; and

2. For requirements with which the source is not in compliance, a narrative description of how the source will achieve compliance;

(b) A compliance schedule, including:

1. For applicable requirements that will become effective during the permit term, a statement that the source will comply on a timely basis, unless a more detailed schedule is called for in the applicable requirement; and

2. For requirements with which the source is not in compliance, remedial measures leading to compliance, including checkpoints and scheduled completion dates; and

(c) For sources required to have a schedule of compliance to remedy a violation or noncompliance, a schedule for submission of certified progress reports no less frequent than every six (6) months;

(9) A certification of compliance with all applicable requirements by a responsible official;

(10) A statement of methods used for determining compliance, including a description of monitoring, recordkeeping and reporting requirements, and test methods;

(11) A schedule for submission of compliance certifications during the permit term, to be submitted annually or more frequently if specified by the cabinet or in an applicable requirement;

(12) A statement describing the source's compliance status with applicable monitoring, including enhanced monitoring, and compliance certification requirements; and

(13) Insignificant activities as specified in Section 6 of this administrative regulation.

Section 6. Insignificant and Trivial Activities. (1) Activities that meet the following conditions shall be classified as insignificant activities:

(a) The PTE from each activity shall not exceed:

1. One-half (1/2) tpy of combined HAPs; or

2. Five (5) tpy of a nonhazardous regulated air pollutant;

(b) The activity shall not involve the incineration of medical waste;

(c) The activity shall not be subject to a federally-enforceable requirement, other than generally applicable requirements; and

(d) The sum of the PTE from all insignificant activities, when added with the source's other potential emissions, shall not cause the source to exceed a major source threshold or a limit contained in the permit to avoid major source applicability under Title I or Title V of the Act.

(2) In applications for permits, permit revisions, and permit renewals, sources shall:

(a) Include descriptions for all insignificant activities;

(b) Include all applicable requirements for each insignificant activity; and

(c) Not be required to provide detailed estimates for insignificant activities.

(3) A list of insignificant activities and generally applicable requirements approved by the cabinet shall be maintained and made available on request by contacting the Division for Air Quality, Permit Support Section, phone (502) 573-3382, Email:

NREPC.DEPAirPermits@mail.state.ky.us, or fax (502) 573-3787.

(4) The cabinet shall maintain a list of approved trivial activities, which shall not be required to be included in permit applications. The list shall be made available:

(a) On request by contacting the Division for Air Quality, Permit Support Section, phone (502) 573-3382, e-mail:

NREPC.DEPAirPermits@mail.state.ky.us,

or fax (502) 573-3787; or

(b) On the Internet at:

www.nr.state.ky.us/nrepc/dep/daq/prb/trivial.html.

Section 7. Duty to Supplement or Correct Application. (1) An applicant who fails to submit relevant facts or who has submitted incorrect information in an application shall, upon discovery of the occurrence, promptly submit the supplementary facts or corrected information.

(2) If new requirements become applicable to a source after the application is submitted, but before a draft permit is issued, the applicant shall promptly provide the supplemental information to the cabinet.

(3) Failure to supplement or correct an application shall be a violation of this administrative regulation and may result in:
(a) Termination of a permit;
(b) Revocation and reissuance of a permit;
(c) Revision of a permit; or
(d) Denial of a permit.

Section 8. Application Shield. (1) If a source submits a timely and complete application for a source-wide permit or permit renewal, the source's failure to have a permit shall not be a violation of this administrative regulation unless the cabinet makes a final determination to deny the permit or permit renewal.
(2) A source's authority to operate shall cease to apply if the source fails to submit additional information requested by the cabinet, by the deadline set by the cabinet, after the completeness determination has been made.

Section 9. Completeness Review and Determination. Applications shall be reviewed by the cabinet for completeness pursuant to Section 2-I of "Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Nonmajor Sources," which is incorporated by reference in Section 26 of this administrative regulation, for:
(1) Initial permits for sources commencing construction;
(2) Significant permit revisions; and
(3) Permit renewals.

Section 10. Permit Content. Permits shall contain terms and conditions as provided in Sections 1a to 1c of "Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Nonmajor Sources."

Section 11. Permit Shield. (1) Compliance with the conditions of a permit shall be considered in compliance with all applicable requirements if:
(a) The applicable requirements are included and specifically identified in the permit; or
(b) The cabinet, in reviewing the application, determines that other specifically identified requirements are not applicable to the source, and this determination is stated in the permit.
(2) A permit shall not have a permit shield unless the permit expressly states that a shield exists.
(3) A permit shield shall not protect the owner or operator from enforcement for violating an applicable requirement prior to or at the time of permit issuance.

Section 12. Permit Duration and Renewal. (1) Permits issued pursuant to this administrative regulation shall remain in effect for five (5) years, except that permits for municipal waste incinerators shall remain in effect for twelve (12) years and shall be reviewed by the cabinet every five (5) years.
(2) An application for a permit renewal shall be submitted at least six (6) months prior to expiration of the current permit.
(3) Expiration of a permit shall terminate the source's authority to operate unless the source has submitted a timely and complete renewal application.
(4) All terms and conditions of the previous permit, including the permit shield, shall remain in effect until the renewal permit has been issued or denied, if:
(a) The cabinet fails to issue or deny the renewal permit before the expiration of the previous permit; and
(b) The source has submitted a timely and complete renewal application.

Section 13. Administrative Permit Amendments. (1) The following permit revisions may be processed as administrative permit amendments:
(a) Correct typographical errors;
(b) Change the name, address, or phone number of a person identified in the permit, or make similar administrative changes;
(c) Change in ownership or operational control;
(d) Require more frequent monitoring or reporting; and
(e) Add an insignificant activity.
(2) Sources requesting an administrative permit amendment shall submit the appropriate Forms DEP7007AI to DD reflecting the desired change and may implement the change immediately upon submittal.
(3) For administrative permit amendments in which the owner or person to whom a permit is issued changes, the following information shall be submitted to the cabinet within ten (10) days following the change:
(a) Administrative Information Forms DEP7007AI showing the names and other information that has changed; and
(b) If ownership has changed, a signed written agreement specifying the date of transfer of permit responsibility, coverage, and liability.

Section 14. Minor Permit Revisions. (1) The procedures in this section shall be used for permit revisions that:
(a) Do not violate an applicable requirement;
(b) Do not involve significant changes to existing monitoring, reporting, or recordkeeping requirements in the permit;
(c) Do not require or change a case-by-case determination of:
1. An emission limitation or other standard;
2. A source-specific determination for temporary sources of ambient impacts; or
3. A visibility or increment analysis;
(d) Do not seek to establish or change a permit term or condition for which there is no corresponding underlying applicable requirement, and which the source has assumed to avoid an otherwise applicable requirement, including:
1. A federally enforceable emissions cap assumed to avoid classification as a modification under Title I; and
2. An alternative emissions limit approved pursuant to 42 USC 7412(i)(5);
(e) Are not modifications under Title I of the Act; and
(f) Are not required to be processed as significant permit revisions.
(2) The procedures in this section may be used for changes involving the use of economic incentives, marketable permits, emissions trading, or similar programs in:
(a) The state implementation plan (SIP); or
(b) A federal requirement.
(3) Applications for minor permit revisions shall include:
(a) A description of the change, and the resulting change in emissions;
(b) New requirements that will apply after the change;
(c) Certification that the change meets the criteria for use of minor permit revision procedures, and a request for their use; and
(d) A suggested draft permit showing only the information that is new or different than the existing permit.
(4) The source may implement the change immediately upon filing a complete application.
(5) The permit shield shall not extend to minor permit revisions.

Section 15. Group Processing of Minor Permit Revisions. (1) Group processing shall be used only for permit revisions that:
(a) Meet the criteria for minor permit revisions; and
(b) Are collectively below the following thresholds:
1. Ten (10) percent of the emissions allowed in the permit for the emission unit or units affected by the change; and
2. The lesser of twenty (20) percent of the applicable major source threshold or five (5) tpy.
(2) A source with two (2) or more pending minor permit revisions may apply for group processing by submitting:
(a) A written request to use group processing;
(b) A list of pending permit revision applications awaiting group processing, and a determination of whether the sum of all the revisions will equal or exceed a thresholds in this section;
(c) Certification that all the pending revisions meet the criteria for use of group processing procedures;
(d) A list of new requirements that will apply after each revision is made; and
(e) A suggested draft permit showing only the information that is new or different than the existing permit.
(3) The source may implement the changes immediately upon filing a complete application.
(4) The permit shield shall not extend to permit revisions eligible for group processing.

Section 16. Significant Permit Revisions. (1) Significant permit

revision procedures shall be used for revisions that:

(a) Involve significant changes in the monitoring requirements or a relaxation in the reporting or recordkeeping requirements contained in the permit; or

(b) Do not qualify as administrative permit amendments or minor permit revisions.

(2) Significant permit revisions shall follow the same procedures that are required for initial permits and permit renewals.

(3) The permit shield shall extend to significant permit revisions.

Section 17. Off-Permit and Section 502(b)(10) Changes. (1) Off-permit changes.

(a) A permit revision shall not be required for changes that:

1. Are not modifications under Title I of the Act;

2. Do not violate any terms or conditions of the permit; and

3. Meet all applicable requirements.

(b) Except for changes that qualify as insignificant activities under Section 6 of this administrative regulation, sources shall notify the cabinet in writing at least seven (7) workdays in advance of each change. The notification shall include:

1. A brief description of the change;

2. The date on which the change will occur;

3. Any change in emissions or pollutants that result from the change; and

4. Any new applicable requirements that will apply after the change.

(c) Sources shall keep records describing:

1. Off-permit changes that resulted in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit; and

2. The emissions that resulted from those changes.

(2) Section 502(b)(10) changes.

(a) A permit revision shall not be required for changes that:

1. Are not modifications under Title I of the Act; and

2. Do not exceed the emissions allowed under the permit.

(b) Sources shall notify the cabinet in writing at least seven (7) workdays in advance of each change. The notification shall include:

1. A brief description of each change;

2. The date on which the change will occur;

3. Any change in emissions that will result; and

4. Any permit term or condition that will no longer be applicable after the change.

(3) For all changes made under this section:

(a) Sources shall keep a copy of each change notice on file with the permit;

(b) The permit shield shall not extend to these changes; and

(c) Changes shall be incorporated into the permit upon renewal.

Section 18. Reopening for Cause. (1) A permit shall be reopened prior to expiration, if:

(a) New requirements become applicable to a source with a remaining permit term of three (3) or more years; or

(b) The cabinet or the U.S. EPA determines that:

1. The permit contains a material mistake or an inaccurate statement was made when establishing the standards, terms or conditions of the permit; or

2. It is necessary to revise or revoke the permit to assure compliance with applicable requirements.

(2) Reopening a permit:

(a) Shall follow the same procedures as initial permit; and

(b) Shall affect only those parts of the permit for which cause to reopen exists.

Section 19. General Permits. The cabinet may issue a general permit covering similar sources in the same source category.

(1) A general permit shall require compliance with all requirements applicable to other permits and shall identify criteria by which sources may qualify for coverage.

(2) Sources that qualify for a general permit may:

(a) Apply to the cabinet for coverage under the terms of the general permit; or

(b) Apply for an individual permit under this administrative regulation.

(3) An application for a general permit shall include information necessary to determine qualification for, and to assure compliance with, the general permit.

(4) If the cabinet determines that a source does not meet the criteria for a general permit, the application shall be processed as a single-source permit pursuant to this administrative regulation.

(5) The permit shield shall apply to general permits.

(6) If a source applies for and receives a general permit and is later determined not to qualify for the permit's terms and conditions:

(a) The source shall be subject to enforcement action for operating without a permit; and

(b) The permit shield shall not be a defense to this violation.

Section 20. Temporary Replacement Units. The cabinet may authorize the temporary use of an emission unit to replace a similar unit that is taken off-line for maintenance, if the following conditions are met:

(1) The owner or operator shall submit to the cabinet, at least ten (10) days in advance of replacing a unit, the appropriate Forms DEP7007AI to DD that show:

(a) The size and location of both the original and replacement units; and

(b) Any resulting change in emissions;

(2) The PTE of the replacement unit shall not exceed that of the original unit by more than twenty-five (25) percent of a major source threshold, and the emissions from the unit shall not cause the source to exceed the emissions allowable under the permit;

(3) The PTE of the replacement unit or the resulting PTE of the source shall not subject the source to a new applicable requirement;

(4) The replacement unit shall comply with all applicable requirements; and

(5) Within six (6) months after installing the replacement unit, the owner or operator shall:

(a) Reinstall the original unit; or

(b) Submit an application to permit the replacement unit as a permanent change.

Section 21. Compliance Certifications. (1) Sources whose permits contain a requirement for annual compliance certifications shall certify compliance with all terms and conditions in the permit using Form DEP7007CC:

(a) Sources with permits issued prior to December 31, 2000 shall submit their certification in 2001 on the permit anniversary, unless otherwise instructed by the local regional office.

(b) All sources (required to submit a certification) shall submit their certification in 2002 and each year thereafter on or before January 30, except that sources who submitted a certification after September 30, 2001, shall not be required to submit their next certification until January 30, 2003.

(2) The compliance certification shall contain the following information for each term or condition of the permit that is the basis for the certification:

(a) Identification of the term or condition;

(b) Compliance status;

(c) The method used for determining compliance over the reporting period, and whether the method provided continuous or intermittent data; and

(d) The method currently used for determining compliance.

(3) Compliance certifications shall be mailed to the Division for Air Quality, Central Files, 803 Schenkel Lane, Frankfort, Kentucky 40601, and a copy sent to the appropriate Regional Office listed in Section 26 of this administrative regulation.

Section 22. Certification by Responsible Official. A responsible official shall certify that, based on information and belief formed after reasonable inquiry, the statements and information contained in the following documents are true, accurate, and complete:

(1) Applications;

(2) Reports;

(3) Compliance certifications; and

(4) Emissions certifications.

Section 23. Emergency Provision. (1) An emergency shall be an affirmative defense to enforcement actions brought for noncompliance with a technology-based emission standard if:

(a) The source demonstrates that the incident meets criteria for an emergency;

(b) The source took all reasonable steps to minimize excess emissions; and

(c) The source notified the cabinet as quickly as possible and followed-up with a written report within two (2) workdays after the emergency occurred.

(2) In an enforcement proceeding seeking to establish that an emergency occurred, the burden of proof shall rest with the source.

(3) This provision shall be in addition to any emergency or upset provision contained in an applicable requirement.

Section 24. Public Review. Initial permits, significant permit revisions, and permit renewals issued under this administrative regulation shall be offered for public review pursuant to 401 KAR 52:100.

Section 25. Sources Subject to Title V. (1) Unless exempted in a future rulemaking by the U.S. EPA, sources that are subject to federal standards promulgated under 42 USC 7411 (NSPS) or 42 USC 7412 (NESHAP) shall:

(a) Be subject to 42 USC 7661 to 7661f (Title V of the Act);

(b) Comply with 401 KAR 50:038, Emission fees;

(c) Submit annual emissions certifications pursuant to subsection (2) of this section; and

(d) Submit an application for a permit under 401 KAR 52:020 within one (1) year following promulgation of a final rulemaking by the U.S. EPA requiring the source to obtain a Title V permit.

(2) During the first quarter of each calendar year, the cabinet shall survey each source to determine its actual emissions during the preceding calendar year, and the source shall provide and certify the information requested and return the updated survey to the cabinet within thirty (30) days from the date that the survey is mailed to the source;

(a) Each day past the deadline that a source fails to submit the required information shall be a separate violation of this administrative regulation;

(b) If no response is received from a source, the cabinet may estimate its actual emissions based on prior history and other relevant information that is available; and

(c) Failure by the cabinet to notify a source shall not relieve the source of its obligation to submit an annual emissions statement.

Section 26. Incorporation by Reference. (1) "Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-major Sources," June 2000, is incorporated by reference.

(2) This material may be inspected, copied, or obtained at the following offices of the Division for Air Quality, Monday through Friday, 8 a.m. to 4:30 p.m.:

(a) The Division for Air Quality, 803 Schenkel Lane, Frankfort, Kentucky 40601, (502) 573-3382;

(b) Ashland Regional Office, 3700 Thirteenth Street, Ashland, Kentucky 41105, (606) 920-2067;

(c) Bowling Green Regional Office, 1508 Westen Avenue, Bowling Green, Kentucky 42104, (270) 746-7475;

(d) Florence Regional Office, 8020 Veterans Memorial Drive, Suite 110, Florence, Kentucky 41042, (859) 292-6411;

(e) Frankfort Regional Office, 643 Teton Trail, Suite B, Frankfort, Kentucky, 40601, (502) 564-3358;

(f) Hazard Regional Office, 233 Birch Street, Suite 2, Hazard, Kentucky 41701, (606) 435-6022;

(g) London Regional Office, 875 S. Main Street, London, Kentucky 40741, (606) 878-0157;

(h) Owensboro Regional Office, 3032 Alvey Park Drive, W., Suite 700, Owensboro, Kentucky 42303, (270) 687-7304; and

(i) Paducah Regional Office, 4500 Clarks River Road, Paducah, Kentucky 42003, (270) 898-8468; or

(3) This material may also be obtained:

(a) By Email request to:

NREPC.DEPAirPermits@mail.state.ky.us; or

(b) On the internet at www.nr.state.ky.us/nrepc/dep/daq/prb. (27 Ky.R. 623; Am. 1288; 1784; eff. 1-15-2001.)

401 KAR 52:040. State-origin permits.

RELATES TO: KRS 224.10-100, 224.20-100, 224.20-110, 224.20-120, 42 USC 7412, 7429

STATUTORY AUTHORITY: KRS 224.10-100, 224.20-100, 224.20-110, 224.20-120, 42 USC 7412, 7429

NECESSITY, FUNCTION, AND CONFORMITY: KRS 224.10-100 requires the Natural Resources and Environmental Protection Cabinet to promulgate administrative regulations for the prevention, abatement, and control of air pollution. This administrative regulation establishes requirements for minor sources whose permits are not required to be federally enforceable.

Section 1. Applicability. This administrative regulation shall apply to:

(1) Sources that emit or have the potential to emit (PTE):

(a) More than twenty-five (25) and less than 100 tons per year (tpy) of a nonhazardous regulated air pollutant; and

(b) Less than ten (10) tpy of a HAP and less than twenty-five (25) tpy of combined HAPS; or

(2) Except as exempted in Section 2(1)(h) of this administrative regulation, minor source incinerators that are subject to an applicable requirement in:

(a) 401 KAR Chapter 59 or 61;

(b) 40 CFR Part 60 or 63; or

(c) A federal regulation promulgated under 42 USC 7429.

Section 2. Exemptions. (1) The following sources shall be exempt from this administrative regulation:

(a) Sources that are required to be registered under 401 KAR 52:070;

(b) Sources that are required to be permitted under 401 KAR 52:020 or 401 KAR 52:030;

(c) Sources that emit only pollutants for which there are no applicable requirements;

(d) Sources subject only to applicable requirements that clearly specify the method for achieving compliance;

(e) Sources that emit only nonprocess fugitive emissions;

(f) Sources subject only to the requirements of 40 CFR 60.530 to 60.539b, Standards of Performance for New Residential Wood Heaters;

(g) Sawmills that produce only rough-cut or dimensional lumber from logs and which have a rated capacity of 5,000 board feet per hour or less, if the source does not include an indirect heat exchanger or waste wood burner subject to an applicable requirement in 401 KAR Chapter 59, 60, or 61; and

(h) Incinerators with unit capacities of less than 500 lbs/hr that are subject only to 401 KAR 59:020, 401 KAR 59:021, 401 KAR 61:010, or 401 KAR 61:011.

(2) The following activities shall be exempt from this administrative regulation:

(a) Vehicles used for the transport of passengers or freight;

(b) Publicly-owned roads;

(c) Asbestos demolition or renovation operations subject only to an applicable requirement in 401 KAR Chapter 58;

(d) Open burning covered under 401 KAR 63:005; and

(e) Activities or emission units contained in the "List of Trivial Activities", which the cabinet shall maintain and make available:

1. On request by contacting the Division for Air Quality, Permit Support Section, phone (502) 573-3382, Email:

NREPC.DEPAirPermits@mail.state.ky.us,

or fax (502) 573-3787; and

2. On the internet at:

www.nr.state.ky.us/nrepc/dep/daq/prb/trivial.html.

Section 3. General Provisions. (1) Sources subject to this administrative regulation shall:

(a) Obtain a permit prior to construction, reconstruction, or modification pursuant to Section 12 of this administrative regulation;

(b) Operate in compliance with a permit issued under this administrative regulation;

(c) Comply with all applicable requirements;

(d) Demonstrate compliance with applicable requirements if requested by the cabinet;

(e) Submit an annual compliance certification pursuant to Section 19 of this administrative regulation; and

(f)1. Allow authorized representatives of the cabinet to enter upon the premises where a source is located or emissions-related activity is conducted, or where records are kept, at reasonable times:

a. To access and copy any records required by the permit;

b. To inspect any facility, equipment (including air pollution control equipment), practice, or operation; and

c. To sample or monitor substances or parameters to determine compliance with the permit and applicable requirements.

2. Reasonable times shall be:

a. During all hours of operation;

b. During normal office hours; or

c. During an emergency.

(2) Unless exempted in a future rulemaking by the U.S. EPA, minor sources subject to federal standards promulgated under 42 USC 7411 (NSPS) or 42 USC 7412 (NESHAP) shall:

(a) Be subject to 42 USC 7661 to 7661f (Title V of the Act);

(b) Comply with 401 KAR 50:038, Emissions fee;

(c) Submit annual emissions certifications pursuant to Section 20 of this administrative regulation; and

(d) Submit an application for a permit under 401 KAR 52:020 within one (1) year following promulgation of a final rulemaking by the U.S. EPA requiring the source to obtain a Title V permit.

(3) Sources that are located in ozone nonattainment areas and emit or have the potential to emit 25 tpy or more of VOC or NOx shall submit an annual emission certification pursuant to Section 20 of this administrative regulation.

Section 4. Applying for a Permit, Permit Revision, or Permit Renewal. (1) Applications for permits, permit revisions, or permit renewals shall be made using Forms DEP7007AI to DD, which are incorporated by reference in 401 KAR 52:050.

(2) A complete application shall contain the information specified in Section 5 of this administrative regulation, except that:

(a) Forms DEP7007V to 7007Z shall not be required;

(b) Forms DEP7007AA, BB, and CC shall not be required for a source that is commencing construction unless a compliance plan is required under Section 12(4)(a) of this administrative regulation;

(c) Applications for permit revisions shall provide only the information related to the change; and

(d) Applications for permit renewals shall:

1. Provide only the information that is new or different from the most recent permit application for sources with source-wide permits; or

2. Be a complete application pursuant to Sections 5 and 15(5) of this administrative regulation for sources that have not applied for a source-wide permit.

(3) Completed application forms shall be submitted in triplicate (original plus two (2) copies) to Kentucky Division for Air Quality, Attn: Permit Support Section, 803 Schenkel Lane, Frankfort, Kentucky 40601.

(4) Forms DEP7007AI to DD may be obtained:

(a) By contacting the Kentucky Division for Air Quality, Permit Support Section, 803 Schenkel Lane, Frankfort, Kentucky 40601, phone (502) 573-3382, Email:

NREPC.DEPAirPermits@mail.state.ky.us,

or fax (502) 573-3787; or

(b) On the Internet at:

www.state.ky.us/nrepc/dep/daq/prb/daqapp.htm.

Section 5. Information Required on Application. Complete applications shall include:

(1) All information needed to determine applicable requirements, including emission fees if applicable;

(2) The following administrative information:

(a) Company name and address and, if different, plant name and address;

(b) Owner's and agent's names and addresses;

(c) Name, address, and phone number of the plant site manager or contact;

(d) Description of the source's processes and products; and

(e) Appropriate SIC Codes;

(3) The following emissions-related information:

(a) All emissions of regulated air pollutants except those exempted in Section 2(2) of this administrative regulation;

(b) Additional information if needed to verify which requirements are applicable;

(c) Identification and description of all emission units in sufficient detail to establish the basis for applicable requirements;

(d) Emission rates in terms necessary to determine compliance with applicable requirements;

(e) Fuels, fuel use, raw materials, production rates, and operating schedules to the extent needed to determine emissions;

(f) Other information required by an applicable requirement, including stack height limitations developed in compliance with 401 KAR 50:042; and

(g) Calculations upon which the information in this paragraph is based.

(4) An explanation of proposed exemptions to otherwise applicable requirements;

(5) Additional information if needed to implement and enforce applicable requirements or to determine their applicability;

(6) If applicable, information needed to determine the applicable requirements and emission fees and to define the permit terms and conditions for each alternate operating scenario;

(7) A compliance plan containing:

(a) The compliance status for all applicable requirements, including:

1. For requirements that are in compliance, a statement that the source will continue to comply; and

2. For requirements that are not in compliance, a narrative description of how the source will achieve compliance;

(b) A compliance schedule, including:

1. For applicable requirements that will become effective during the permit term, a statement that the source will comply on a timely basis, unless a more detailed schedule is called for in the applicable requirement; and

2. For requirements that are not in compliance, remedial measures leading to compliance, including checkpoints and scheduled completion dates; and

(c) For sources required to have a schedule of compliance to remedy a violation or noncompliance, a schedule for submission of certified progress reports no less frequent than every six (6) months;

(8) A certification of compliance with all applicable requirements by a responsible official;

(9) A statement of methods used for determining compliance, including a description of monitoring, recordkeeping and reporting requirements, and test methods;

(10) A statement including the source's compliance status with applicable monitoring requirements;

(11) A schedule for submission of annual compliance certifications of this administrative regulation; and

(12) Insignificant activities as specified in Section 6 of this administrative regulation.

Section 6. Insignificant Activities. (1) Activities that meet the following conditions shall be classified as insignificant activities:

(a) The PTE from each activity shall not exceed:

1. One-half (1/2) tpy of combined HAPs; or

2. Five (5) tpy of a nonhazardous regulated air pollutant;

(b) The activity shall not involve the incineration of medical waste;

(c) The activity shall not be subject to a federally-enforceable requirement, other than generally applicable requirements; and

(d) The sum of the PTE from all insignificant activities, when added with the source's other potential emissions, shall not cause the source to exceed a major source threshold.

(2) In applications for permits, permit revisions, and permit renewals, sources shall:

(a) Include descriptions for all insignificant activities;

(b) Include all applicable requirements for each insignificant activity; and

(c) Not be required to provide detailed estimates for insignificant activities.

(3) A list of insignificant activities and generally applicable requirements approved by the cabinet shall be maintained and made available on request by contacting the Division for Air Quality, Permit Support Section, phone (502) 573-3382, Email:

NREPC.DEPAirPermits@mail.state.ky.us,
or fax (502) 573-3787.

Section 7. Duty to Supplement or Correct Application. (1) An applicant who fails to submit relevant facts or who has submitted incorrect information in an application shall, upon discovery of the occurrence, promptly submit the supplementary facts or corrected information to the cabinet.

(2) If new requirements become applicable to a source after the application is submitted, but before a permit is issued, the applicant shall promptly provide the supplemental information to the cabinet.

(3) A source's authority to operate shall cease to apply if, by the deadline set by the cabinet, the source fails to submit additional information requested by the cabinet.

Section 8. Application Shield. (1) If a source submits a timely and complete application for a source-wide permit or permit renewal, the source's failure to have a permit shall not be a violation of this administrative regulation unless the cabinet makes a final determination to deny the permit or permit renewal.

(2) The application shield shall cease to exist if a source fails to supplement or correct an application pursuant to Section 7 of this administrative regulation.

Section 9. Completeness Review and Determination. Applications shall be reviewed by the cabinet for completeness pursuant to Section 2-I "Cabinet Provisions and Procedures for Issuing State-Origin Permits", which is incorporated by reference in Section 23 of this administrative regulation, for:

(1) Initial source-wide permits;

(2) Permit revisions subject to Section 12 of this administrative regulation; and

(3) Permit renewals.

Section 10. Permit Content. Permits shall contain terms and conditions as provided in Sections 1a to 1c of "Cabinet Provisions and Procedures for Issuing State-Origin Permits."

Section 11. Permit Shield. (1) Compliance with the conditions of a permit shall be considered in compliance with all applicable requirements if:

(a) The applicable requirements are included and specifically identified in the permit; or

(b) The cabinet, in reviewing the application, determines that other specifically identified requirements are not applicable to the source, and this determination is stated in the permit.

(2) A permit shall not have a permit shield unless the permit expressly states that a shield exists.

(3) A permit shield shall not protect the owner or operator from enforcement actions for violating an applicable requirement prior to or at the time of permit issuance.

Section 12. Actions that Require a Permit or Permit Revision in Advance. (1) Sources shall obtain a permit or permit revision prior to commencing construction for the following actions:

(a) Construction of a source;

(b) Reconstruction of a source; or

(c) Modification at a source that will increase its PTE by:

1. Two and one-half (2 1/2) tpy or more of a HAP;

2. Seven and one-half (7 1/2) tpy or more of combined HAPs; or

3. Twenty-five (25) tpy or more of a nonhazardous regulated air pollutant.

(2) The source shall not commence construction, reconstruction, or modification until a permit or permit revision has been issued.

(3) For a source that is issued a permit to construct, reconstruct, or modify:

(a) The permit shall become invalid if the permitted action:

1. Is not commenced within eighteen (18) months after the permit is issued;

2. Begins but is discontinued for a period of eighteen (18) months or more; or

3. Is not completed within a reasonable timeframe; and

(b) The cabinet may extend these time periods if the source shows good cause.

(4) Sources that construct, reconstruct, or modify under this section:

(a) Shall demonstrate compliance with all applicable requirements pursuant to 401 KAR 50:055; and

(b) For sources that have not demonstrated compliance within the timeframes prescribed in 401 KAR 50:055, shall operate only for purposes of demonstrating compliance unless authorized under an approved compliance plan or an order of the cabinet.

Section 13. Actions that Do Not Require a Permit Revision in Advance. For all permit revisions except those in Section 12 of this administrative regulation, the source:

(1) Shall submit a complete application for a permit revision; and

(2) May implement the change immediately upon submittal of the application.

Section 14. Change of Ownership or Name of Permittee. If the owner or person to whom a permit is issued changes, the following information shall be submitted to the cabinet within ten (10) days following the change:

(1) The administrative information required by Form DEP7007AI showing the names and other information that has changed; and

(2) If ownership has changed, a signed written agreement specifying the date of transfer of permit responsibility, coverage, and liability.

Section 15. Permit Duration and Renewal. (1) Permits issued pursuant to this administrative regulation shall remain in effect for a period of ten (10) years.

(2) Applications for a renewal permit shall be submitted at least six (6) months prior to expiration of the existing permit.

(3) Expiration of a permit shall terminate the source's right to construct and operate unless a timely and complete renewal application has been submitted.

(4) All terms and conditions of the previous permit, including the permit shield, shall remain in effect until the renewal permit has been issued or denied if:

(a) The cabinet fails to issue or deny a renewal permit before the expiration of the previous permit; and

(b) The source has submitted a timely and complete renewal application.

(5) After the effective date of this administrative regulation, sources that have not applied for a source-wide permit shall submit a complete application for a source-wide permit the next time a permit held by the source is due for renewal.

Section 16. General Permits. The cabinet may issue a general permit covering similar sources in the same source category.

(1) A general permit shall require compliance with all requirements applicable to other permits and shall identify criteria by which sources may qualify for coverage.

(2) Sources that qualify for a general permit may:

(a) Apply to the cabinet for coverage under the terms of the general permit; or

(b) Apply for an individual permit under this administrative regulation.

(3) An application for a general permit shall include information necessary to determine qualification for, and to assure compliance with, the general permit.

(4) If the cabinet determines that a source does not meet the criteria for a general permit, the application shall be processed as a single-source permit pursuant to this administrative regulation.

(5) If a source applies for and receives a general permit and is later determined not to qualify for the permit's terms and conditions:

(a) The source shall be subject to enforcement action for operating without a permit; and

(b) The permit shield shall not be a defense to this violation.

Section 17. Portable Sources. (1) The cabinet may issue a permit that authorizes a source to move its entire operation from one location to another within the Commonwealth.

(2) Owners and operators of these sources shall:

(a) Notify the Division for Air Quality, Field Operations Branch, at (502) 573-3382, at least fifteen (15) days in advance of each reloca-

tion;

(b) Submit Administrative Information Form DEP7007AI to reflect the change in location; and

(c) Comply with all applicable requirements at each location.

(3) It shall be a violation of this administrative regulation and 40 CFR Part 70 for one (1) or more portable sources to operate on the same site or contiguous area if the combined PTE of all the sources operating at that site or the contiguous area exceeds a major source threshold.

Section 18. Temporary Replacement Units. The cabinet may authorize the temporary use of an emission unit to replace a similar unit that is taken off line for maintenance, if the following conditions are met:

(1) The owner or operator shall submit to the cabinet, at least ten (10) days in advance of replacing a unit, the appropriate Forms DEP7007AI to DD that show:

(a) The size and location of the original and replacement units; and

(b) Any resulting change in emissions;

(2) The PTE of the replacement unit shall not exceed that of the original unit by more than twenty-five (25) percent of a major source threshold, and the emissions from the unit shall not cause the source to exceed the emissions allowable under the permit;

(3) Neither the PTE of the replacement unit nor the resulting PTE of the source shall subject the source to a new applicable requirement;

(4) The replacement unit shall comply with all applicable requirements; and

(5) Within six (6) months after installing the replacement unit, the owner or operator shall:

(a) Reinstall the original unit; or

(b) Submit an application to permit the replacement unit as a permanent change.

Section 19. Compliance Certifications. (1) Sources whose permits contain a requirement for annual compliance certifications shall certify compliance with all terms and conditions in the permit using Form DEP7007CC:

(a) Sources with permits issued prior to December 31, 2000 shall submit their certification in 2001 on the permit anniversary, unless otherwise instructed by the local regional office.

(b) All sources (required to submit a certification) shall submit their certification in 2002 and each year thereafter on or before January 30, except that sources who submitted a certification after September 30, 2001, shall not be required to submit their next certification until January 30, 2003.

(2) The compliance certification shall contain the following information for each term or condition of the permit that is the basis for the certification:

(a) Identification of the term or condition;

(b) Compliance status;

(c) The method used for determining compliance over the reporting period, and whether the method provided continuous or intermittent data; and

(d) The method currently used for determining compliance.

(3) Compliance certifications shall be mailed to the Division for Air Quality, Central Files, 803 Schenkel Lane, Frankfort, Kentucky 40601, and a copy sent to the appropriate Regional Office listed in Section 23 of this administrative regulation.

Section 20. Annual Emissions Certification for Specified Sources. (1) An annual emissions certification shall be submitted to the cabinet for minor sources specified in Section 3(2) and (3) of this administrative regulation.

(2) During the first quarter of each calendar year, the cabinet shall survey these sources to determine their actual emissions during the preceding calendar year, and the source shall:

(a) Make the appropriate additions or corrections to the survey; and

(b) Return the updated survey to the cabinet within thirty (30) days of the date that the survey is mailed to the source. For this response:

1. Each day past the deadline that a source fails to submit the required information shall be a separate violation of this administrative regulation;

2. If no response is received by the deadline, the cabinet shall estimate the actual emissions based on prior history and other relevant information that is available; and

3. Failure of the cabinet to notify a source under this section shall not relieve the source from the obligation to submit an emissions statement.

Section 21. Certification by Responsible Official. A responsible official shall certify that, based on information and belief formed after reasonable inquiry, the statements and information contained in the following documents are true, accurate, and complete:

(1) Applications;

(2) Reports;

(3) Compliance certifications; and

(4) Emissions certifications.

Section 22. Emergency Provision. (1) An emergency shall be an affirmative defense to enforcement actions brought for noncompliance with a technology-based emission standard if:

(a) The source demonstrates that the incident meets the criteria for an emergency;

(b) The source took all reasonable steps to minimize the excess emissions; and

(c) The source notified the cabinet as quickly as possible and followed-up with a written report within two (2) working days after the emergency occurred.

(2) In an enforcement proceeding seeking to establish that an emergency occurred, the burden of proof shall rest with the source.

(3) This provision shall be in addition to any emergency or upset provision contained in an applicable requirement.

Section 23. Incorporation by Reference. (1) "Cabinet Provisions and Procedures for Issuing State-Origin Permits", June 2000, is incorporated by reference.

(2) This material may be inspected, copied, or obtained at the following offices of the Division for Air Quality, Monday through Friday, 8 a.m. to 4:30 p.m.:

(a) The Division for Air Quality, 803 Schenkel Lane, Frankfort, Kentucky 40601, (502) 573-3382;

(b) Ashland Regional Office, 3700 Thirteenth Street, Ashland, Kentucky 41105, (606) 920-2067;

(c) Bowling Green Regional Office, 1508 Westen Avenue, Bowling Green, Kentucky 42104, (270) 746-7475;

(d) Florence Regional Office, 8020 Veterans Memorial Drive, Suite 110, Florence, Kentucky 41042, (859) 292-6411;

(e) Frankfort Regional Office, 643 Teton Trail, Suite B, Frankfort, Kentucky, 40601, (502) 564-3358;

(f) Hazard Regional Office, 233 Birch Street, Suite 2, Hazard, Kentucky 41701, (606) 435-6022;

(g) London Regional Office, 875 S. Main Street, London, Kentucky 40741, (606) 878-0157;

(h) Owensboro Regional Office, 3032 Alvey Park Drive, W., Suite 700, Owensboro, Kentucky 42303, (270) 687-7304; and

(i) Paducah Regional Office, 4500 Clarks River Road, Paducah, Kentucky 42003, (270) 898-8468; or

(3) This material may also be obtained:

(a) By Email request to:

NREPC.DEPAirPermits@mail.state.ky.us; or

(b) On the internet at:

www.nr.state.ky.us/nrepc/dep/daq/prb. (27 Ky.R. 628; Am. 1293; 1789; eff. 1-15-2001.)

401 KAR 52:050. Permit application forms.

RELATES TO: KRS 224.10-100, 224.20-100, 224.20-110, 224.20-120, 40 CFR Part 51, Part 70, 42 USC 7401 to 7671q

STATUTORY AUTHORITY: KRS 224.10-100, 224.20-100, 224.20-110, 224.20-120, 40 CFR Part 51, Part 70, 42 USC 7401 to 7671q

NECESSITY, FUNCTION, AND CONFORMITY: KRS 224.10-100 requires the Natural Resources and Environmental Protection Cabinet to promulgate administrative regulations for the prevention, abatement, and control of air pollution. This administrative regulation incor-

porates by reference the application forms used to permit air contaminant sources in Kentucky.

Section 1. Applicability. "Forms DEP7007AI to DD, Permit Application to Construct or Operate an Air Contaminant Source", shall be required to apply for a permit, permit revision, or permit renewal pursuant to 401 KAR 52:020, Section 4(1); 401 52:030, Section 4(1); or 401 KAR 52:040, Section 4(1), as applicable. "Forms DEP7007AI to DD, Permit Application to Construct or Operate an Air Contaminant Source", is incorporated by reference in Section 2 of this administrative regulation.

Section 2. Incorporation by Reference. (1) "Forms DEP7007AI to DD, Permit Application to Construct or Operate an Air Contaminant Source", June 2000, is incorporated by reference.

(2) This material may be inspected, copied, or obtained at the following offices of the Division for Air Quality, Monday through Friday, 8 a.m. to 4:30 p.m.:

(a) The Division for Air Quality, 803 Schenkel Lane, Frankfort, Kentucky 40601, (502) 573-3382;

(b) Ashland Regional Office, 3700 Thirteenth Street, Ashland, Kentucky 41105, (606) 920-2067;

(c) Bowling Green Regional Office, 1508 Westen Avenue, Bowling Green, Kentucky 42104, (270) 746-7475;

(d) Florence Regional Office, 8020 Veterans Memorial Drive, Suite 110, Florence, Kentucky 41042, (859) 292-6411;

(e) Hazard Regional Office, 233 Birch Street, Suite 2, Hazard, Kentucky 41701, (606) 435-6022;

(f) London Regional Office, 875 S. Main Street, London, Kentucky 40741, (606) 878-0157;

(g) Owensboro Regional Office, 3032 Alvey Park Drive, W., Suite 700, Owensboro, Kentucky 42303, (270) 687-7304; and

(h) Paducah Regional Office, 4500 Clarks River Road, Paducah, Kentucky 42003, (270) 898-8468; or

(3) This material is available:

(a) On request by contacting the Division for Air Quality, Permit Support Section, 803 Schenkel Lane, Frankfort, Kentucky 40601, phone (502) 573-3382, Email:

NREPC.DEPAirPermits@mail.state.ky.us, or fax (502) 573-3787; or

(b) On the Internet at:

www.state.ky.us/nrepc/dep/daq/prb/daqapp.htm. (27 Ky.R. 633; Am. 1793; eff. 1-15-2001.)

401 KAR 52:060. Acid rain permits.

RELATES TO: KRS 224.10-100, 224.20-100, 224.20-110, 224.20-120, 40 CFR Parts 72 to 78, 42 USC 7651 to 7661(f)

STATUTORY AUTHORITY: KRS 224.10-100, 224.20-100, 224.20-110, 224.20-120, 40 CFR Parts 72 to 78, 42 USC 7651 to 7661(f)

NECESSITY, FUNCTION, AND CONFORMITY: KRS 224.10-100 requires the Natural Resources and Environmental Protection Cabinet to promulgate administrative regulations for the prevention, abatement, and control of air pollution. This administrative regulation incorporates by reference the federal acid rain provisions as codified at 40 CFR Parts 72 to 78.

Section 1. Applicability. This administrative regulation shall apply to affected sources and affected units under the Acid Rain Program, pursuant to 42 USC 7651 to 7651o. Applicability determination is set forth under 40 CFR 72.6.

Section 2. Incorporation by Reference. (1) The following material is incorporated by reference:

(a) 40 CFR Part 72, "Permits Regulation", as published in the Code of Federal Regulations, 40 CFR Parts 72 to 80, July 1, 1999;

(b) 40 CFR Part 73, "Sulfur Dioxide Allowance System", as published in the Code of Federal Regulations, 40 CFR Parts 72 to 80, July 1, 1999;

(c) 40 CFR Part 74, "Sulfur Dioxide Opt-Ins", as published in the Code of Federal Regulations, 40 CFR Parts 72 to 80, July 1, 1999;

(d) 40 CFR Part 75, "Continuous Emission Monitoring", as published in the Code of Federal Regulations, 40 CFR Parts 72 to 80, July 1, 1999;

(e) 40 CFR Part 76, "Acid Rain Nitrogen Oxides Emission Reduction Program", as published in the Code of Federal Regulations, 40 CFR Parts 72 to 80, July 1, 1999, and as amended at 64 Fed. Reg. 55834, October 15, 1999;

(f) 40 CFR Part 77, "Excess Emissions", as published in the Code of Federal Regulations, 40 CFR Parts 72 to 80, July 1, 1999;

(g) 40 CFR Part 78, "Appeal Procedures for Acid Rain Program", as published in the Code of Federal Regulations, 40 CFR Parts 72 to 80, July 1, 1999;

(h) "Acid Rain Program Forms", U.S. EPA, January 2000; and

(i) "OTC NO_x Budget Program Forms", U.S. EPA, August 1999.

(2) This material may be inspected, copied, or obtained at the following offices of the Division for Air Quality, Monday through Friday, 8 a.m. to 4:30 p.m.:

(a) The Division for Air Quality, 803 Schenkel Lane, Frankfort, Kentucky 40601, (502) 573-3382;

(b) Ashland Regional Office, 3700 Thirteenth Street, Ashland, Kentucky 41105, (606) 920-2067;

(c) Bowling Green Regional Office, 1508 Westen Avenue, Bowling Green, Kentucky 42104, (270) 746-7475;

(d) Florence Regional Office, 8020 Veterans Memorial Drive, Suite 110, Florence, Kentucky 41042, (606) 292-6411;

(e) Hazard Regional Office, 233 Birch Street, Suite 2, Hazard, Kentucky 41701, (606) 435-6022;

(f) London Regional Office, 875 S. Main Street, London, Kentucky 40741, (606) 878-0157;

(g) Owensboro Regional Office, 3032 Alvey Park Drive, W., Suite 700, Owensboro, Kentucky 42303, (270) 687-7304; and

(h) Paducah Regional Office, 4500 Clarks River Road, Paducah, Kentucky 42003, (270) 898-8468.

(3) Copies of the Code of Federal Regulations (CFR) are available for sale from the Superintendent of Documents, U.S. Government Printing Office, PO Box 371954, Pittsburgh, PA 15250-7954, or on the internet at:

www.access.gpo.gov/nara. (27 Ky.R. 634; Am. 1298; 1793; eff. 1-15-2001.)

401 KAR 52:070. Registration of designated sources.

RELATES TO: KRS 224.10-100, 224.20-100, 224.20-110, 224.20-120

STATUTORY AUTHORITY: KRS 224.10-100, 224.20-100, 224.20-110, 224.20-120

NECESSITY, FUNCTION, AND CONFORMITY: KRS 224.10-100 requires the Natural Resources and Environmental Protection Cabinet to promulgate administrative regulations for the prevention, abatement, and control of air pollution. There is no federal mandate for this administrative regulation. This administrative regulation establishes the procedure for the registration of designated air contaminant sources in Kentucky.

Section 1. Applicability. This administrative regulation shall apply to:

(1) Sources that emit or have the potential to emit (PTE):

(a) Two (2) tpy or more but less than ten (10) tpy of a HAP;

(b) Five (5) tpy or more but less than twenty-five (25) tpy of combined HAPs; or

(c) For other regulated air pollutants:

1. Ten (10) tpy or more but less than twenty-five (25) tpy of a pollutant subject to an applicable requirement that does not specify the method for achieving compliance;

2. Ten (10) tpy or more but less than 100 tpy of a pollutant subject to an applicable requirement that clearly specifies the method of compliance; or

3. Ten (10) tpy or more but less than 100 tons per year of a pollutant for which there is no applicable requirement; or

(2) Sources that emit less than the cutoffs in subsection (1) of this section but are subject to an applicable requirement in 40 CFR Parts 60, 61, or 63.

Section 2. Exemptions. (1) The following sources shall be exempt

from this administrative regulation:

(a) Sources that are required to be permitted under 401 KAR 52:020, 401 KAR 52:030, or 401 KAR 52:040;

(b) Sources that emit only nonprocess fugitive emissions;

(c) Sources subject only to the requirements of 40 CFR 60.530 to 60.539b, Standards of Performance for New Residential Wood Heaters;

(d) Sawmills that produce only rough-cut or dimensional lumber from logs and which have a rated capacity of 5,000 board feet per hour or less, if the source does not include an indirect heat exchanger or waste wood burner subject to an applicable requirement in 40 CFR Part 60 or 401 KAR Chapters 59 or 61.

(2) The following activities shall be exempt form this administrative regulation:

(a) Vehicles used for the transportation of passengers or freight;

(b) Publicly-owned roads;

(c) Asbestos demolition or renovation operations subject only to an applicable requirement in 401 KAR Chapter 58;

(d) Open burning covered under 401 KAR 63:005; and

(e) Activities or emission units contained in the "List of Trivial Activities", which the cabinet shall maintain and make available:

1. On request by calling the Division for Air Quality, Permit Support Section, at (502) 573-3382; and

2. On the Internet at:

www.nr.state.ky.us/nrepc/dep/daq/prb/trivial.html.

Section 3. General Provisions. (1) Sources that are subject to this administrative regulation shall:

(a) Register with the cabinet;

(b) Comply with all applicable requirements; and

(c)1. Allow authorized representatives of the cabinet to enter the premises at all reasonable times:

a. To access and copy any records required by this administrative regulation;

b. To inspect any facility, equipment (including air pollution control equipment), practice, or operation; and

c. To sample or monitor substances or parameters to determine compliance with applicable requirements.

2. Reasonable times shall be:

a. During all hours of operation;

b. During normal office hours; or

c. During an emergency.

(2) Sources that are located in ozone nonattainment areas and emit or have the potential to emit twenty-five (25) tpy or more of VOC or NOx shall submit an annual emission certification as follows:

(a) During the first quarter of each calendar year, the cabinet shall survey these sources to determine their actual emissions during the preceding calendar year and the source shall:

1. Make the appropriate additions or corrections to the survey;

2. Return the updated survey to the cabinet within thirty (30) days of the date that the survey is mailed to the source. For this response:

a. Each day past the deadline that a source fails to submit the required information shall be a separate violation of this administrative regulation;

b. If no response is received by the deadline, the cabinet shall estimate the actual emissions based on prior history and other relevant information that is available; and

(b) Failure of the cabinet to notify a source under this subsection shall not relieve the source from the obligation to submit an emissions statement.

(3) The cabinet may require registered sources to demonstrate compliance with applicable requirements.

Section 4. When to Register. (1) New sources. Sources that commence construction after the effective date of this administrative regulation shall submit a registration form to the cabinet prior to commencing construction.

(a) A source may commence construction immediately upon submittal of a complete registration form.

(b) The cabinet shall review the registration form and shall notify the source within sixty (60) days of receipt that:

1. A permit or registration is not required;

2. The registration as submitted is accepted; or

3. The source is required to obtain a permit and is required to take the specified action.

(2) Existing registered sources. Sources that are registered with the cabinet and plan to reconstruct or modify shall comply with the following:

(a) Sources that remain eligible for registration after the change:

1. Shall submit a registration form to the cabinet prior to commencing reconstruction or modification; and

2. May commence reconstruction or modification immediately upon submittal of the registration form.

(b) Sources that are not eligible for registration after the change shall:

1. Submit an application under 401 KAR 52:020, 401 KAR 52:030, or 401 KAR 52:040 as applicable; and

2. Obtain the appropriate permit prior to commencing reconstruction or modification.

Section 5. Registration at the Cabinet's Request. (1) Upon request by the cabinet, a source that has commenced construction or operation without a permit or registration shall submit a registration form within thirty (30) days of request.

(2) The cabinet shall review the registration form and within sixty (60) days of receipt:

(a) Shall notify the source that a permit or registration is not required; or

(b) If a permit or registration is required, shall specify the action the source is required to take, and may issue a notice of violation.

Section 6. Rescinding an Existing Permit. (1) A source that has a permit and is eligible for registration may request that the cabinet rescind its permit by submitting:

(a) A complete registration form; and

(b) A letter requesting the cabinet to rescind the permit.

(2) The cabinet shall review the request and shall notify the source within sixty (60) days of receipt that:

(a) The request is approved and the permit has been rescinded; or

(b) The request is denied and shall specify the reason for denial and any action the source is required to take.

Section 7. How to Register. (1) Registration shall be made using:

(a) Form DEP7039A, which is incorporated by reference in Section 8 of this administrative regulation; or

(b) Form DEP7105 for gasoline dispensing facilities which are subject to 401 KAR 59:174.

(2) Forms DEP7039A and DEP7105 may be obtained by contacting the Kentucky Division for Air Quality, Emissions Inventory Section, 803 Schenkel Lane, Frankfort, Kentucky 40601, phone (502) 573-3382, FAX (502) 564-6543.

(3) Completed registration forms shall be submitted to Kentucky Division for Air Quality, Attn: EIS Section, 803 Schenkel Lane, Frankfort, Kentucky 40601.

Section 8. Incorporation by Reference. (1) "Form DEP7039A, Minor Source Registration", May 2000, is incorporated by reference.

(2) This material may be inspected, copied, or obtained at the following offices of the Division for Air Quality, Monday through Friday, 8 a.m. to 4:30 p.m.:

(a) The Division for Air Quality, 803 Schenkel Lane, Frankfort, Kentucky 40601, (502) 573-3382;

(b) Ashland Regional Office, 3700 Thirteenth Street, Ashland, Kentucky 41105, (606) 920-2067;

(c) Bowling Green Regional Office, 1508 Westen Avenue, Bowling Green, Kentucky 42104, (270) 746-7475;

(d) Florence Regional Office, 8020 Veterans Memorial Drive, Suite 110, Florence, Kentucky 41042, (859) 292-6411;

(e) Hazard Regional Office, 233 Birch Street, Suite 2, Hazard, Kentucky 41701, (606) 435-6022;

(f) London Regional Office, 875 S. Main Street, London, Kentucky 40741, (606) 878-0157;

(g) Owensboro Regional Office, 3032 Alvey Park Drive, W., Suite 700, Owensboro, Kentucky 42303, (270) 687-7304; and

(h) Paducah Regional Office, 4500 Clarks River Road, Paducah, Kentucky 42003, (270) 898-8468. (27 Ky.R. 636; Am. 1299; 1794; eff. 1-15-2001.)

Appendix B-3

Letter to Repeal 401 KAR 50:035
July 18, 2001

JAMES E. BICKFORD
SECRETARY

PAUL E. PATTON
GOVERNOR

COMMONWEALTH OF KENTUCKY
NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION CABINET
OFFICE OF THE SECRETARY
FRANKFORT KENTUCKY 40601
TELEPHONE: (502) 564-3350

July 18, 2001

A. Stanley Meiburg, Acting Regional Administrator
U. S. Environmental Protection Agency, Region 4
61 Forsythe Street SW
Atlanta, Georgia 30303-8960

Dear Mr. Meiburg:

In response to a recent request from your staff, the Commonwealth of Kentucky hereby withdraws the submittal made by this Cabinet on February 24, 1997, for review and approval of 401 KAR 50:035 to Kentucky's State Implementation Plan (SIP). This regulation was repealed on January 15 of this year and replaced with several smaller regulations in 401 KAR Chapter 52.

Your staff also requested confirmation that the references to 401 KAR 50:035 in each of the Division's SIP-approved regulations have been amended to reflect the appropriate new citations in 401 KAR Chapter 52, since Kentucky's rulemaking procedures allow us to correct regulatory citations without public notice. Under separate cover, a memorandum from the Regulations Compiler confirming the aforementioned corrections and a copy of each of the affected regulations is being sent to Ms. Kay Prince.

Please contact the Division for Air Quality at (502) 573-3382 if you or your staff have any questions regarding this request.

Sincerely,

James E. Bickford
Secretary

JEB/htw
cc: Kay Prince

Appendix B-4

Final Rule to Approve Revisions to KY's SIP
71 FR 52460
September 6, 2006

a compensable evaluation based on a decreased FEV–1/FVC ratio.

* * * * *

■ 3. Section 4.100 is added to read as follows:

§ 4.100 Application of the evaluation criteria for diagnostic codes 7000–7007, 7011, and 7015–7020.

(a) Whether or not cardiac hypertrophy or dilatation (documented by electrocardiogram, echocardiogram, or X-ray) is present and whether or not there is a need for continuous medication must be ascertained in all cases.

(b) Even if the requirement for a 10% (based on the need for continuous medication) or 30% (based on the presence of cardiac hypertrophy or dilatation) evaluation is met, METs testing is required in all cases except:

(1) When there is a medical contraindication.

(2) When the left ventricular ejection fraction has been measured and is 50% or less.

(3) When chronic congestive heart failure is present or there has been more than one episode of congestive heart failure within the past year.

(4) When a 100% evaluation can be assigned on another basis.

(c) If left ventricular ejection fraction (LVEF) testing is not of record, evaluate based on the alternative criteria unless the examiner states that the LVEF test is needed in a particular case because the available medical information does not sufficiently reflect the severity of the veteran's cardiovascular disability.

■ 4. Section 4.104, diagnostic code 7101 is amended by adding a Note (3) to read as follows:

§ 4.104 Schedule of ratings—cardiovascular system.

* * * * *

7101 * * *

Note (3): Evaluate hypertension separately from hypertensive heart disease and other types of heart disease.

* * * * *

[FR Doc. E6–14732 Filed 9–5–06; 8:45 am]

BILLING CODE 8320–01–P

ENVIRONMENTAL PROTECTION AGENCY

40 CFR Part 52

[EPA–R04–OAR–2006–0337–200613(f); FRL–8216–7]

Approval and Promulgation of Implementation Plans for Kentucky: Air Permit Regulations

AGENCY: Environmental Protection Agency (EPA).

ACTION: Final rule.

SUMMARY: EPA is now taking final action to approve two of four requested revisions to the State Implementation Plan (SIP) for the Commonwealth of Kentucky submitted to EPA on March 15, 2001. The two revisions being approved today regard two main changes to Kentucky's rules. The first change involves the removal and separation of rule 401 Kentucky Administrative Regulations (KAR) 50:035 ("Permits") into three separate rules under a new Chapter 52 (Permits, Registrations, and Prohibitory Rules). Specifically, these rules are 52:001 (Definitions for 401 KAR Chapter 52), 52:030 (Federally-enforceable permits for non-major sources), and 52:100 ("Public, affected state, and U.S. EPA review"). The second change involves corrections to grammatical errors in rule 50:032 ("Prohibitory Rule for Hot Mix Asphalt Plants") and the removal of rule 50:032 from Chapter 50 and adding it to Chapter 52, under 52:090 ("Prohibitory Rule for Hot Mix Asphalt Plants"). This final action also responds to adverse comments submitted in response to EPA's proposed rule published on December 30, 2002. This final action does not address the removal of 401 KAR 50:030 ("Registration of Sources") or changes made to 401 KAR 52:080 ("Regulatory limit on potential to emit"), that was part of the March 15, 2001, submittal, but which will be addressed in a separate action.

DATES: *Effective Date:* This rule will be effective October 6, 2006.

ADDRESSES: EPA has established a docket for this action under Docket Identification No. EPA–R04–OAR–2006–0337. All documents in the docket are listed on the *www.regulations.gov* Web site. 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 through *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: James Hou, Regulatory Development Section, Air Planning Branch, Air, Pesticides and Toxics Management Division, Region 4, U.S. Environmental Protection Agency, 61 Forsyth Street, SW., Atlanta, Georgia 30303–8960. The telephone number is (404) 562–8965. Mr. Hou can also be reached via electronic mail at *Hou.James@epa.gov.*

SUPPLEMENTARY INFORMATION:

I. Today's Action
II. Background
III. Comment and Response
IV. Final Action
V. Statutory and Executive Order Reviews

I. Today's Action

EPA is now taking final action to approve two of four requested revisions to the (SIP) for the Commonwealth of Kentucky submitted to EPA on March 15, 2001, and clarified in a letter dated July 18, 2001. The SIP submittal and the letter-clarification were submitted by the Kentucky Department for Environmental Protection, Division of Air Quality. The two revisions being approved today regard two main changes to Kentucky's rules. The first change involves the removal and separation of rule 401 Kentucky Administrative Regulations (KAR) 50:035 ("Permits") into three separate rules under a new Chapter 52 (Permits, Registrations, and Prohibitory Rules). Specifically, these rules are 52:001 (Definitions for 401 KAR Chapter 52), 52:030 ("Federally-enforceable permits for non-major sources"), and 52:100 ("Public, affected state, and U.S. EPA review"). The second change involves corrections to grammatical errors in rule 50:032 ("Prohibitory Rule for Hot Mix Asphalt Plants") and the removal of rule 50:032 from Chapter 50 and adding it to Chapter 52, under 52:090 ("Prohibitory Rule for Hot Mix Asphalt Plants"). Today's final action also responds to one set of adverse comments submitted in response to EPA's proposed rule published on December 30, 2002 (67 FR 79543). Today's final action does not address the removal of 401 KAR 50:030

the applicant is responding to the public's concerns. The response to comments document is made part of the public record. Many state permitting programs include this provision to allow for a forum in which the applicant can respond to public comments and assist in public understanding of the issues in the application.

Comment: There appears to be no effective provision in 401 KAR 52:100 for extension of comment time. The commenter references 40 CFR 124.13, which allows for a comment period longer than 30 days to give reasonable opportunity to reply if such a need for time is demonstrated.

Response: As a general matter, the provisions of 40 CFR part 124 apply only to EPA and not to approved states. For state approved programs, such as CAA title V or PSD permit programs, the applicable public participation regulations are found in the federal regulations applicable to that specific state approved program. For example, for title V purposes, state programs must comply with the public participation provisions described in 40 CFR part 70; for PSD purposes, state programs must comply with the public participation provisions described in 40 CFR 51.166(q). 401 KAR 52:100 is consistent with the federal regulations for the programs to which it applies.

Comment: The commenter expresses that Section 3 of 401 KAR 52:100 is written as if a public hearing is optional. The commenter refers to the CAA and suggests that a hearing is obligated for many PSD matters.

Response: Kentucky's PSD regulations (401 KAR 51:017) require that the permitting authority follow the applicable procedures of 40 CFR 51.166(q) and 401 KAR 52:100.

Comment: The commenter states that citizens, in an area where a new major source is to be located or where an existing source is requesting a major modification, should be entitled and informed of the public participation process including five elements. These elements obligate a hearing if there is a request; affords time, such as at least 30 calendar days prior to the hearing during which citizens may familiarize themselves with the draft, the technical support of the draft, and the application; grant to anyone who makes some cogent timely comment, the legal standing right to appeal any issue raised by anyone's cogent timely comment; obligate that if a cogent technical comment is made orally at the hearing, that it has the full force of law and that it need not be submitted by the speaker in writing in order to be an item preserved for review (although encouraging written submissions for accuracy and courtesy to the permitting agency is proper), and; afford time, such as at least 12 calendar days following the hearing, during which citizens may timely file written comment on the draft after having had the opportunity to have heard the matters expressed in the hearing. The commenter further requests that EPA initiate rulemaking for various regulatory permit programs to "codify" certain public participation elements.

Response: With regard to the actions at issue at this time, Kentucky's provisions are equivalent to applicable federal regulations. Therefore, Kentucky's rules proposed for inclusion into the SIP are approvable by EPA.

Comment: The commenter expresses that Section 5 of 401 KAR 52:100 does not contain "identical, synonymous, or superior text as a notice requirement." The commenter points to a January 2002 legal notice published by the Kentucky Division for Air Quality (KDAQ) as an example of a deficient public notice.

Response: In accordance with Kentucky's rules, public notice and participation on PSD permits is governed by 40 CFR 51.166(q). It is unclear whether the commenter believes that the KDAQ January 2002 legal notice fails to comply with the provisions in the Kentucky rules which apply to such notices. Nonetheless, the SIP action proposed by EPA on December 30, 2002, does not relate to the January 2002 public notice on a PSD permit discussed by the commenter. Comments regarding specific PSD permits and corresponding public notices should be raised during the public comment period on that permit and addressed to the agency responsible for issuing that permit. This comment is not relevant to the action at issue at this time.

Comment: The commenter asserts that the requirements of 40 CFR 51.166 are "terse to the point of near meaninglessness" and do not comply with Congressional intent for public participation. The commenter makes a similar statement regarding portions of 40 CFR part 124. The commenter gives specific examples of what a public notice could include.

Response: Neither of the provisions cited by the commenter are at issue in this final action regarding Kentucky's SIP. Both provisions are final federal rules that have been in effect for years. Comments regarding federal rules should have been provided within the timeframes for challenging such rules (i.e., when EPA proposes changes to federal rules, comments must be submitted within the stated timeframes in order to be considered by EPA for that rulemaking). The present action will have no impact on 40 CFR 51.166 or 40 CFR part 124.

Comment: The commenter notes that Section 2(4) of 401 KAR 52:100 will make public comments available upon request and believes the comments may be abridged, which does not meet the requirements set forth in 40 CFR 51.166.

Response: The commenter appears confused about the application of 401 KAR 52:100 to different air permit programs. As noted earlier, Kentucky's PSD permitting regulations require that the permitting authority follow the provisions described in 40 CFR 51.166 for public participation. 401 KAR 52:100 applies specifically to CAA title V operating permits (401 KAR 52:020) and Federally Enforceable State Operating Permits (FESOPs) (401 KAR 52:030). The language included in 401 KAR 52:100 is equivalent to federal regulations regarding public participation for the programs to which it applies. Therefore, the regulations proposed by Kentucky for inclusion in the Kentucky SIP are approvable.

Comment: The commenter states that much of 401 KAR 52:001 does not meet requirements established in 40 CFR 51.166(a). The commenter identifies several examples where the commenter believes that definitions in 401 KAR 52:001 are less stringent than the federal definitions, or otherwise problematic. As examples, the commenter cites to the definition of "electric utility steam generating unit," "commence," and "major modification."

Response: Kentucky's PSD permitting definitions are found in 401 KAR 51:001, not 52:001. Kentucky's rules, including 401 KAR 52:001, are equivalent to the applicable federal regulations, and are approvable into the Kentucky SIP. Notably, the definitions included in Kentucky's PSD permit program (401 KAR Chapter 51) were recently revised by Kentucky to include new regulations promulgated by EPA in December, 2002. EPA published a notice regarding Kentucky's PSD program in the **Federal Register** on February 10, 2006 (71 FR 9688); no public comments were received on that proposed action. EPA took final action to approve those changes on July 11, 2006 (71 FR 38990).

Comment: With regard to a statement in 67 FR 79524 (the direct final rule that was withdrawn), the commenter states that "[t]he people are reasonably entitled to review EPA's work again prior to EPA granting any additional misplaced authority to a rogue state."

Response: The procedure followed by EPA in the present action included the simultaneous publication of both a direct final rule (67 FR 79524, December 30, 2002) and a proposed rule (67 FR

Under section 307(b)(1) of the Clean Air Act, petitions for judicial review of this action must be filed in the United States Court of Appeals for the appropriate circuit by November 6, 2006. Filing a petition for reconsideration by the Administrator of this final rule does not affect the finality of this rule for the purposes of judicial review nor does it extend the time within which a petition for judicial review may be filed, and shall not postpone the effectiveness of such rule or action. This action may not be challenged later in proceedings to enforce its requirements. See Clean Air Act section 307(b)(2).

List of Subjects in 40 CFR Part 52

Environmental protection, Air pollution control, Ozone, Reporting and recordkeeping requirements, Volatile organic compounds.

Dated: August 25, 2006.

A. Stanley Meiburg,

Acting Regional Administrator, Region 4.

■ 40 CFR part 52 is amended as follows:

PART 52—[AMENDED]

■ 1. The authority citation for part 52 continues to read as follows:

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

Subpart S—Kentucky

■ 2. Section 52.920(c) Table 1 is amended:

■ a. In paragraph (c) by removing entries for 401 KAR 50:035 titled "Permits" and 401 KAR 50:032 titled "Prohibitory rule for hot mix asphalt plants",

■ b. In paragraph (c) adding in numerical order a new chapter heading "Chapter 52 Permits, Registrations, and Prohibitory Rules" and entries for 401 KAR 52:001 titled "Definitions for 401 KAR Chapter 52", 401 KAR 52:030 titled "Federally enforceable permits for non-major sources", 401 KAR 52:090 titled "Prohibitory rule for hot mix asphalt plants" and 401 KAR 52:100 titled "Public, affected state, and U.S. EPA review" to read as follows:

§ 52.920 Identification of plan.

* * * * *

(c) * * *

TABLE 1.—EPA-APPROVED KENTUCKY REGULATIONS

State citation	Title/subject	State effective date	EPA approval date	Explanation
*	* * *	*	*	*
Chapter 52 Permits, Registrations, and Prohibitory Rules				
401 KAR 52:001	Definitions for 401 KAR Chapter 52	01/15/01	09/06/06 [Insert citation of publication].	
401 KAR 52:030	Federally enforceable permits for non-major sources ..	01/15/01	09/06/06 [Insert citation of publication].	
401 KAR 52:090	Prohibitory rule for hot mix asphalt plants	01/15/01	09/06/06 [Insert citation of publication].	
401 KAR 52:100	Public, affected state, and U.S. EPA review	01/15/01	09/06/06 [Insert citation of publication].	
*	* * *	*	*	*

* * * * *

[FR Doc. 06–7415 Filed 9–5–06; 8:45 am]
BILLING CODE 6560–50–P

ENVIRONMENTAL PROTECTION AGENCY

40 CFR Part 52

[EPA–R05–OAR–2006–0436; FRL–8214–2]

Approval and Promulgation of Air Quality Implementation Plans; Illinois; Ford Motor Company Adjusted Standard

AGENCY: Environmental Protection Agency (EPA).

ACTION: Direct final rule.

SUMMARY: The Environmental Protection Agency (EPA) is approving a January 4, 2006, request from Illinois for a site specific revision to the State Implementation Plan (SIP) for the Ford Motor Company (Ford). The revision will allow Ford to discontinue use of its Stage II vapor recovery system (Stage II) at its Chicago Assembly Plant. In place of Stage II, Ford will comply with the standards of the federal onboard refueling vapor recovery (ORVR) regulations, as well as meet other minor conditions. The exclusive use of ORVR will provide at least an equivalent amount of gasoline vapor capture as Stage II.

DATES: This direct final rule will be effective November 6, 2006, unless EPA receives adverse comments by October 6, 2006. If adverse comments are received, EPA will publish a timely withdrawal of the direct final rule in the **Federal Register** informing the public that the rule will not take effect.

ADDRESSES: Submit your comments, identified by Docket ID No. EPA–R05–OAR–2006–0436, by one of the following methods:

- *http://www.regulations.gov:* Follow the on-line instructions for submitting comments.
- *E-mail: mooney.john@epa.gov.*
- *Fax:* (312) 886–5824.
- *Mail:* John M. Mooney, Chief, Criteria Pollutant Section, Air Programs Branch (AR–18J), U.S. Environmental Protection Agency, 77 West Jackson Boulevard, Chicago, Illinois 60604.
- *Hand Delivery:* John M. Mooney, Chief, Criteria Pollutant Section, Air Programs Branch (AR–18J), U.S. Environmental Protection Agency, 77 West Jackson Boulevard, Chicago, Illinois 60604. Such deliveries are only accepted during the Regional Office normal hours of operation, and special arrangements should be made for deliveries of boxed information. The Regional Office official hours of business are Monday through Friday, 8:30 a.m. to 4:30 p.m. excluding Federal holidays.

Instructions: Direct your comments to Docket ID No. EPA–R05–OAR–2006–0436. EPA's policy is that all comments received will be included in the public docket without change and may be made available online at *http://www.regulations.gov,* including any personal information provided, unless the comment includes information claimed to be Confidential Business Information (CBI) or other information

Appendix C

Public Hearing Notice

KENTUCKY DIVISION FOR AIR QUALITY
NOTICE OF PUBLIC HEARING
TO REVISE KENTUCKY'S STATE IMPLEMENTATION PLAN

The Kentucky Energy and Environment Cabinet will conduct a public hearing on June 1, 2015 at 10:00 a.m. (EDT) in the Conference Room of the Division for Air Quality, 200 Fair Oaks Lane, 1st Floor, Frankfort, Kentucky. This hearing is being held to receive comments on a proposed State Implementation Plan (SIP) revision to meet the requirements for Emissions Statement and Emissions Inventory in accordance with Sections 172(c)(3), 182(a)(1) and 182(a)(3)(B) of the Clean Air Act Amendments of 1990 (CAA). This revision, when approved by the U.S. EPA, will satisfy the Emissions Statement and Emission Inventory requirements for the portions of the Northern Kentucky counties of Boone, Kenton and Campbell that have been designated as Marginal Ozone Nonattainment for the 2008 8-hr National Ambient Air Quality Standard

This hearing is open to the public and all interested persons will be given the opportunity to present testimony. The hearing will be held, if requested, at the date, time and place given above. It is not necessary that the hearing be held or attended in order for persons to comment on the proposed submittal to EPA. To assure that all comments are accurately recorded, the Division requests that oral comments presented at the hearing also be provided in written form, if possible. To be considered part of the hearing record, written comments must be received by the close of the hearing. Written comments should be sent to the contact person. If no request for a public hearing is received, the hearing will be cancelled, and notice of the cancellation will be posted at the website listed below. Request for a public hearing must be received no later than May 22, 2015 while all comments must be submitted no later than June 1, 2015.

The full text of the proposed SIP revision is available for public inspection and copying during regular business hours (8:00 a.m. to 4:30 p.m.) at the Division for Air Quality, 200 Fair Oaks, 1st Floor, Frankfort, Kentucky. Any individual requiring copies may submit a request to the Division for Air Quality in writing, by telephone, or by fax. Requests for copies should be directed to the contact person. In addition, an electronic version of the proposed SIP revision document and relevant attachments can be downloaded from the Division for Air Quality's website at: **http://air.ky.gov/Pages/PublicNoticesandHearings.aspx.**

The hearing facility is accessible to people with disabilities. An interpreter or other auxiliary aid or service will be provided upon request. Please direct these requests to the contact person.

CONTACT PERSON: Melissa Duff, Program Planning and Administration Branch Manager, Division for Air Quality, 200 Fair Oaks Lane, Frankfort, Kentucky 40601. Phone (502) 564-3999; Fax (502) 564-4666; E-mail melissa.duff@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.

Appendix D

April 15, 2015 Transmittal Letter & Draft SIP Submittal

STEVEN L. BESHEAR
GOVERNOR

LEONARD K. PETERS
SECRETARY

ENERGY AND ENVIRONMENT CABINET
OFFICE OF THE SECRETARY
500 MERO STREET
12TH FLOOR, CAPITAL PLAZA TOWER
FRANKFORT, KY 40601
TELEPHONE: 502-564-3350
FACSIMILE: 502-564-3354

April 15, 2015

Ms. Heather McTeer-Toney
Regional Administrator
U.S. EPA, Region 4
Sam Nunn Atlanta Federal Center
61 Forsyth Street, SW
Atlanta, Georgia 30303

RE: Revision to the Kentucky State Implementation Plan (SIP) submittal for Sections 182(a)(1) Emissions Inventory
and 182(a)(3)(B) Emissions Statement

Dear Ms. McTeer-Toney:

The Kentucky Energy and Environment Cabinet (Cabinet) hereby submits to the U.S. Environmental Protection Agency (EPA) a proposed revision to the State Implementation Plan (SIP). Specifically, this SIP revision documents the Clean Air Act requirements for Sections 182(a)(1) Emissions Inventory and 182(a)(3)(B) Emissions Statement addressing the nonattainment areas classified as Marginal for the 2008 8-hour ozone National Ambient Air Quality Standard.

To expedite the review and approval of this SIP revision, the Cabinet requests EPA parallel process this submittal. One paper copy of the proposed revision is enclosed, and an electronic copy on compact disc that is identical to the paper copy. A public hearing notice, which indicates the time and location of a public hearing to receive comments on this SIP revision are enclosed. The Cabinet's response to information received during the public comment period will be provided in a subsequent submittal.

Your prompt consideration of this request is appreciated. If you have any questions or comments concerning this matter, please contact Ms. Melissa Duff at the Division for Air Quality at (502) 564-3999.

Sincerely Yours,

Leonard K. Peters
Secretary

Enclosures

REVISIONS TO THE COMMONWEALTH OF KENTUCKY STATE IMPLEMENTATION PLAN FOR KENTUCKY COUNTIES

LOCATED WITHIN THE

CINCINNATI-HAMILTON, OH-KY-IN, MSA 8-HOUR OZONE NONATTAINMENT AREA

Prepared by
KENTUCKY DIVISION FOR AIR QUALITY

Submitted by
ENERGY AND ENVIRONMENT CABINET
Proposed
April 2015

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INTRODUCTION

The Cincinnati, OH-KY-IN area has been designated as Marginal Ozone Nonattainment for the 2008 8-hour National Ambient Air Quality Standard (NAAQS) of 0.075 parts per million (ppm) for ozone. This area includes portions of Boone, Kenton and Campbell counties in Kentucky.

In accordance with sections 172(c)(3), 182(a)(1) and 182(a)(3)(B) of the Clean Air Act Amendments of 1990 (CAA), Kentucky is submitting this SIP revision to meet the requirements for Emissions Statement and Emissions Inventory.

BACKGROUND

The CAA establishes a process for air quality management through the NAAQS. Area designations are required after promulgation of a new or revised NAAQS. On March 12, 2008, EPA revised both the primary and secondary ozone standards to a level of 0.075 ppm, measured over an 8-hour period. In Federal Register notice (77 FR 30088) published on May 21, 2012, the EPA designated the Cincinnati, OH-KY-IN area as marginal nonattainment for the 8-hour ozone NAAQS, effective July 20, 2012. This nonattainment area includes portions of the Kentucky counties of Boone, Campbell, and Kenton.

These Kentucky counties were previously redesignated to attainment (maintenance) for the 1997 8-hour ozone NAAQS by EPA (75 FR 47218). The monitors located in Boone and Campbell counties in Kentucky did not show an ozone design value above the 8-hour NAAQS (2008 Ozone). However, EPA concluded that portions of Boone, Campbell, and Kenton counties in Kentucky must be included in the Cincinnati, OH-KY-IN nonattainment area because they contribute to a violation in a nearby area. Specifically, from the Technical Support Document developed for the Cincinnati, Ohio-Kentucky-Indiana 2008 Ozone Designations, EPA states, "The total VOC and NOx emissions in each of Boone, Campbell and Kenton counties for 2008 were determined by EPA to be significant contributors to the high ozone concentrations in the Cincinnati, OH-KY-IN nonattainment area for the 2008 8-hour ozone NAAQS."

EPA's proposed 2008 ozone standard SIP requirements rule recommends states use 2011 as the base year to fulfill the Emission Inventory requirements. The year 2011 is also a required reporting year for the EPA National Emissions Inventory (NEI) submission under the existing Air Emissions Reporting Requirements (AERR) Rule. The 2011 NEI houses emissions for many pollutants including volatile organic compounds (VOC) and nitrogen oxides (NOx), both of which are ozone precursors.

The Kentucky Division for Air Quality (DAQ) collects data, calculates, and stores emissions for point sources on an annual basis in the Kentucky Emissions Inventory System (KYEIS). These point source emissions are uploaded to the NEI each year. In addition, DAQ accepts the annual NEI estimates for area, event, non-road, and on-road mobile source emissions as calculated by EPA. Point source data for the 2011 base year emissions inventory was extracted from the DAQ emissions inventory database. Emission inventory estimates for area, nonroad, and on-road mobile sources for the 2011 base year emissions inventory were extracted from the NEI.

BASE YEAR EMISSIONS INVENTORY

EPA's proposed 2008 ozone standard SIP requirements rule recommends the use of 2011 as the base year to fulfill the Emission Inventory requirements. Calendar year 2011 is also a required reporting year for the EPA National Emissions Inventory (NEI) submission under the existing Air Emissions Reporting Requirements (AERR) Rule. The 2011 NEI houses emissions for many pollutants including volatile organic compounds (VOC) and nitrogen oxides (NOx), both of which are ozone precursors.

The Division for Air Quality (DAQ) collects data and calculates emissions for point sources on an annual basis. The point source emissions are uploaded to the NEI each year. In addition, DAQ accepts NEI estimates for area and nonroad mobile emissions as calculated by EPA. For this submittal, DAQ requested on-road emissions for the nonattainment area from the Ohio-Kentucky-Indiana Regional Council of Governments (OKI).

The 2011 base year emissions inventory is broken down into four components: point, area, nonroad mobile, and on-road mobile sources. Summaries of the emissions for the Kentucky portions of the designated nonattainment area by county, pollutant and category are shown in Table 1 through Table 3.

Table 1

Summary of Boone County - 2011 NOx and VOC Emissions

Emissions Category	Summer Day NOx (tpd)	Annual NOx (tpy)	Summer Day VOC (tpd)	Annual VOC (tpy)
Point	7.19	2698.61	1.73	556.27
Area	1.46	531.34	10.13	3696.32
Nonroad Mobile	1.76	641.36	2.47	903.10
On-road Mobile	7.53	2615.43	3.44	1085.72

Table 2

Summary of Campbell County - 2011 NOx and VOC Emissions

Emissions Category	Summer Day NOx (tpd)	Annual NOx (tpy)	Summer Day VOC (tpd)	Annual VOC (tpy)
Point	0.16	61.16	0.22	65.41
Area	0.69	253.13	4.87	1775.95
Nonroad Mobile	0.38	138.79	0.40	145.96
On-road Mobile	4.36	1513.90	1.99	628.45

Table 3
Summary of Kenton County - 2011 NOx and VOC Emissions

Emissions Category	Summer Day NOx (tpd)	Annual NOx (tpy)	Summer Day VOC (tpd)	Annual VOC (tpy)
Point	0.01	2.43	0.51	77.44
Area	1.14	417.69	5.26	1918.79
Nonroad Mobile	0.77	281.52	0.62	226.20
On-road Mobile	7.65	2659.44	3.50	1103.99

The following sections describe the methods for determining the emissions for each category.

Point Sources

For this inventory purpose, point sources are defined as stationary sources that emit greater than 10 tons per year (tpy) of VOCs, or 100 tpy of NOx. The source emissions are calculated from data collected annually from the sources. This information is stored in the KYEIS database and the information is uploaded into the NEI system annually.

This specific base year point source emissions inventory was determined by taking the emissions data from the KYEIS database for Boone, Campbell, and Kenton counties, determining the physical boundary of the partial county nonattainment area using available latitude and longitude coordinates, and eliminating those sources that were not located inside the nonattainment area. Annual emissions totals and summer day emissions for each facility were calculated with 80% rule effectiveness and 100% rule effectiveness. These summaries are show in Tables 4 and Table 5. Details of facility 2011 NOx and VOC emissions data are provided in Appendix A.

Table 4
2011 NOx and VOC Emissions for Point Sources
80% Rule Effectiveness Applied

County	Summer Day NOx (tpd)	Annual NOx (tpy)	Summer Day VOC (tpd)	Annual VOC (tpy)
Boone	17.62	6650.07	2.68	898.18
Campbell	0.16	60.16	0.22	65.41
Kenton	0.02	7.99	1.27	354.95

Table 5
2011 NOx and VOC Emissions for Point Sources
100% Rule Effectiveness Applied

County	Summer Day NOx (tpd)	Annual NOx (tpy)	Summer Day VOC (tpd)	Annual VOC (tpy)
Boone	7.19	2698.61	1.73	556.27
Campbell	0.16	60.16	0.22	65.41
Kenton	0.01	2.43	0.51	77.44

Area Sources
Area sources are stationary sources that do not meet the reporting requirements for point sources. The area source category includes, but is not limited to degreasing, residential, commercial/institutional, and industrial fuel use; commercial cooking; aviation fuel use; dry cleaners; storage tanks; and consumer and industrial coatings. DAQ does not have the resources to collect, develop and house this type of emissions inventory. As a result, DAQ has reviewed and accepted the annual NEI estimates for Kentucky area source emissions as calculated by EPA.

This specific base year emissions inventory for area sources was calculated using the total county emissions of NOx and VOC from the 2011 NEI for Boone, Campbell, and Kenton counties, and applying a percentage representative of the physical nonattainment area portions of the counties. The measurement function in Google Earth was used to approximate the percentage of each county that was determined to be in the designated nonattainment area. This percentage was then applied to the total county annual emissions obtained from the 2011 NEI for both NOx and VOC. The percentages used for each county are as follows: Boone County – 94%, Campbell County – 56%, Kenton County – 54%. The summer day emissions in tons per day (tpd) were derived by taking the calculated annual emissions totals and dividing by 365 days/yr.

A summary of the 2011 area source emissions inventory data for the partial Kentucky counties in the 2008 8-hr Ozone nonattainment are is presented in Table 6.

Table 6
2011 NOx and VOC Emissions for Area Sources

County	Summer Day NOx (tpd)	Annual NOx (tpy)	Summer Day VOC (tpd)	Annual VOC (tpy)
Boone	1.46	531.34	10.13	3696.32
Campbell	0.69	253.13	4.87	1775.95
Kenton	1.14	417.69	5.26	1918.79

Nonroad Mobile Sources

Nonroad mobile vehicles are often referred to as off-road or non-highway vehicles as they do not normally operate or roads or highways. Many of these nonroad vehicles are powered by diesel engines. The nonroad mobile source category includes, but is not limited to construction and mining equipment; agricultural equipment; locomotives; and aircraft and airport equipment. DAQ does not have the resources to collect, develop and house this type of emissions inventory. As a result, DAQ has reviewed and accepted the annual NEI estimates for Kentucky nonroad mobile source emissions as calculated by EPA.

This specific base year emissions inventory for nonroad mobile sources was calculated using the total county emissions of NOx and VOC from the 2011 NEI for Boone, Campbell, and Kenton counties, and applying a percentage representative of the physical nonattainment area portions of the counties. The measurement function in Google Earth was used to approximate the percentage of each county that was determined to be in the designated nonattainment area. This percentage was then applied to the total county annual emissions obtained from the 2011 NEI for both NOx and VOC. The percentages used for each county are as follows: Boone County – 94%, Campbell County – 56%, Kenton County – 54%. The summer day emissions in tons per day (tpd) were derived by taking the calculated annual emissions totals and dividing by 365 days/yr.

A summary of the 2011 area source emissions inventory data for the partial Kentucky counties in the 2008 8-hr Ozone nonattainment are is presented in Table 7.

Table 7

2011 NOX and VOC Emissions for Nonroad Mobile Sources

County	Summer Day NOx (tpd)	Annual NOx (tpy)	Summer Day VOC (tpd)	Annual VOC (tpy)
Boone	1.76	641.36	2.47	903.10
Campbell	0.38	138.79	0.40	145.96
Kenton	0.77	281.52	0.62	226.20

On-road Sources

On-road mobile source emissions generally consist of vehicles traveling on public roadways, namely automobiles, motorcycles, trucks or other motor vehicles. Emissions for on-road mobile sources were obtained from the Ohio-Kentucky-Indiana Regional Council of Governments (OKI) using U.S. EPA's MOVES mobile emissions model. This organization is the metropolitan planning organization for the Greater Cincinnati area. The on-road emissions inventory represents only the nonattainment area portions of the counties.

A summary of the 2011 area source emissions inventory data for the partial Kentucky counties in the 2008 8-hr Ozone nonattainment are is presented in Table 8.

Table 8

2011 NOx and VOC Emissions for On-road Mobile Sources

County	Summer Day NOx (tpd)	Annual NOx (tpy)	Summer Day VOC (tpd)	Annual VOC (tpy)
Boone	7.53	2615.43	3.44	1085.72
Campbell	4.36	1513.90	1.99	628.45
Kenton	7.64	2659.44	3.50	1103.99

PERIODIC EMISSIONS INVENTORIES

EPA's proposed 2008 ozone standard SIP requirements rule recommends requires a periodic inventory for nonattainment areas. Specifically for ozone, the periodic inventory is to be submitted no later than each 3-year period after the submission of the base year inventory. These periodic inventories are to be consistent with the base year inventory. DAQ intends to continue to follow the required reporting for the EPA AERR Rule.

In addition, DAQ intends to apply the same methods that were used to develop the base year inventory for developing the periodic nonattainment area emissions inventory for point source, area, nonroad mobile and on-road mobile emissions.

EMISSION STATEMENT PROGRAM

An emissions statement program requires that the owner or operator of each stationary source of NOx or VOC provide a statement showing the actual emissions of those pollutants annually. The statement must also contain a certification that the information is accurate to the best knowledge of the individual certifying the statement. Kentucky does not have a stand-alone regulation for the Emissions Statement requirements of the CAA. Rather, the requirement for an emissions statement program is listed within our permitting regulations.

Kentucky is submitting only the specific sections of each individual regulation as a revision to the approved SIP to satisfy Section 182(a)(3)(B) of the CAA, as follows:

401 KAR 52:020. *Title V permits.*

Section 22. Annual Emissions Certification. An annual emission certification shall be submitted to the cabinet by sources subject to this administrative regulation.

Section 23. Certification by Responsible Official. A responsible official shall certify that, based on information and belief formed after reasonable inquiry, the statements and information contained in the following documents are true, accurate, and complete:
(4) Emissions certifications.

401 KAR 52:030. *Federally-enforceable permits for nonmajor sources.*

Section 3. General Provisions.
(4) Sources that are located in ozone nonattainment areas and emit or have the potential to emit 25 tpy or more of VOC or NOx shall submit an annual emission certification pursuant to Section 25(2) of this administrative regulation.

Section 22. Certification by Responsible Official. A responsible official shall certify that, based on information and belief formed after reasonable inquiry, the statements and information contained in the following documents are true, accurate, and complete:
(4) Emissions certifications.

Section 25. Sources Subject to Title V. (1) Unless exempted in a future rulemaking by the U.S. EPA, sources that are subject to federal standards promulgated under 42 USC 7411 (NSPS) or 42 USC 7412 (NESHAP) shall:

(c) Submit annual emissions certifications pursuant to subsection (2) of this section;

(2) During the first quarter of each calendar year, the cabinet shall survey each source to determine its actual emissions during the preceding calendar year, and the source shall provide and certify the information requested and return the updated survey to the cabinet within thirty (30) days from the date that the survey is mailed to the source.

401 KAR 52:040. *State-Origin Permits.*

Section 3. General Provisions.
(2) Unless exempted in a future rulemaking by the U.S. EPA, minor sources subject to federal standards promulgated under 42 U.S.C. 7411 (NSPS) or 42 U.S.C. 7412 (NESHAP) shall:

(c) Submit annual emissions certifications pursuant to Section 20 of this administrative regulation;

(3) Sources that are located in ozone nonattainment areas and emit or have the potential to emit 25 tpy or more of VOC or NOx shall submit an annual emission certification pursuant to Section 20 of this administrative regulation.

Section 20. Annual Emissions Certification for Specified Sources. (1) An annual emissions certification shall be submitted to the cabinet for minor sources specified in Section 3(2) and (3) of this administrative regulation.

Section 21. Certification by Responsible Official. A responsible official shall certify that, based on information and belief formed after reasonable inquiry, the statements and information contained in the following documents are true, accurate, and complete:
(4) Emissions certifications.

401 KAR 52:070. *Registration of designated sources.*
Section 3. General Provisions.
(2) Sources that are located in ozone nonattainment areas and emit or have the potential to emit twenty-five (25) tpy or more of VOC or NOx shall submit an annual emission certification as follows:

(a) During the first quarter of each calendar year, the cabinet shall survey these sources to determine their actual emissions during the preceding calendar year and the source shall:

1. Make the appropriate additions or corrections to the survey;

2. Return the updated survey to the cabinet within thirty (30) days of the date that the survey is mailed to the source.

PUBLIC PARTICIPATION

Kentucky will publish notification for a public hearing and solicitation for public comment concerning the proposed SIP revision in the widely distributed county publications to provide at least thirty (30) days notice of the hearing.

The public hearing to receive comments on this proposed SIP revision will be held on TBD at the offices of the Northern Kentucky Area Development District. A copy of the public hearing notice is included in Appendix B.

REFERENCES

1. April 30, 2012, Final Designations for the 2008 National Air Quality Standards for Ozone, Final Area Technical Support Documents, Cincinnati, OH-KY-IN.

2. May 21, 2012, Federal Register notice, Air Quality Designations for the 2008 Ozone National Ambient Air Quality Standard, Final Rule.

3. May 21, 2012, Federal Register notice, Implementation of the 2008 National Ambient Air Quality Standards for Ozone: Nonattainment Area Classifications Approach, Attainment Deadline and Revocation of the 1997 Ozone Standards for Transportation Conformity Purposes, Final Rule.

4. June 6, 2013, Federal Register notice, Implementation of the 2008 National Ambient Air Quality Standards for Ozone: State Implementation Plant Requirements, Proposed Rule.

5. April 11, 2014, DRAFT – Emissions Inventory Guidance for Implementation of Ozone [and Particulate Matter] National Ambient Air Quality Standards (NAAQS) and Regional Haze Regulations.

Appendix A

2011 Base Year Emissions Inventory Data
Point Source Details

Key to the Kentucky 2008 Ozone Standard Point Source NOx and VOC Actual Emissions For the Cincinnati, OH-KY-IN Nonattainment Area For the partial Kentucky Counties of Boone, Campbell, and Kenton

This report was generated using SAS software.

The headers pertinent to this submittal are:

VTNY = VOC in tons per year

VTND = VOC in tons per day

NTNY = NOx in tons per year

NTND = NOx in tons per day

Other than the headers for Facility Name, facility ID or SIC code, the remaining headers are utilized by the Division for Air Quality to perform quality assurance on the data and do not factor into the emissions totals.

2011 Point Source Emissions

80% Rule Effectiveness

DAQ Facility ID	County	Facility Name	Annual VOC, 80% RE (tpy)	Summer Day VOC, 80% RE (tpd)	Annual NOx, 80% RE (tpy)	Summer Day NOx, 80% RE (tpd)
2101500004	Boone	Aristech Acrylics Llc	16.256	0.045	5.300	0.015
2101500010	Boone	Greif Industrial Packaging & Services LLC	74.579	0.287	2.407	0.009
2101500018	Boone	DRS Environmental Systems Inc	11.770	0.047	1.833	0.005
2101500019	Boone	Duro Bag Manufacturing	14.867	0.041	0.578	0.002
2101500025	Boone	Crane Composites Inc	34.517	0.095	0.837	0.002
2101500029	Boone	Duke Energy KY East Bend	61.238	0.162	6617.727	17.459
2101500069	Boone	Camco Chemical Co	301.481	0.828	0.545	0.002
2101500077	Boone	Southern Graphic Systems Inc	24.132	0.041	0.096	0.000
2101500082	Boone	R R Donnelley - Nielsen Plant	89.863	0.288	1.100	0.004
2101500086	Boone	Duro Bag Mfg Co	34.126	0.092	5.280	0.009
2101500088	Boone	The Hennegan Co	20.747	0.057	0.925	0.003
2101500102	Boone	Sweco, Div of M-I, LLC	15.358	0.049	0.061	0.001
2101500114	Boone	Continental Web Press Inc	19.843	0.051	1.260	0.003
2101500120	Boone	Schwans Food Manufacturing Inc	60.853	0.243	6.990	0.087
2101500126	Boone	Keebler Foods Co	16.906	0.052	2.665	0.010
2101500142	Boone	Abrapower Inc	55.150	0.152	0.046	0.000
2101500144	Boone	Stonehouse Building Products LLC	17.767	0.068	0.135	0.000
2101500146	Boone	CW Zumbiel Packaging	28.728	0.079	2.286	0.006
		Boone County Subtotal	**898.180**	**2.675**	**6650.070**	**17.616**
2103700006	Campbell	IPSCO Tubulars KY Inc	37.720	0.148	0.000	0.000
2103700090	Campbell	Lafarge North America	27.695	0.076	60.164	0.165
		Campbell County Subtotal	**65.414**	**0.224**	**60.164**	**0.165**
2111700022	Kenton	Marathon Petroleum Co LP - Covington Terminal	254.616	0.699	1.485	0.004
2111700086	Kenton	Interplastic MFG. Co.-Thermoset Resins Division	28.568	0.076	5.560	0.015
2111700177	Kenton	Firestone Building Products Co	71.766	0.498	0.947	0.002
		Kenton County Subtotal	**354.949**	**1.274**	**7.991**	**0.021**
		NKY Nonattainment Area Totals	**1318.543**	**4.173**	**6718.225**	**17.802**

DAQ_ALT_ID	COUNTY	FACILITY_NAME	NAICS	LATITUDE	LONGITUDE	STREET_ADDRESS	CITY	STATE	ZIP_CODE	VOC (tpy)	VOC (tpd)	NOx (TPY)	NOx (tpd)	STATUS	STATUS2
2101500004	Boone	Aristech Acrylics Llc	326113	38.988333	-84.621667	7350 Empire Dr	Florence	KY	41042	16.25590416	0.044659077	5.3	0.01456044	INAREA	MeetTons
2101500010	Boone	Greif Industrial Packaging & Services LLC	332439	38.978889	-84.629444	7425 Industrial Rd	Florence	KY	41042	74.57916869	0.286842957	2.407	0.009257692	INAREA	MeetTons
2101500018	Boone	DRS Environmental Systems Inc	333415	38.9785	-84.625694	7375 Industrial Rd	Florence	KY	41042	11.76998668	0.04692062	1.83291893	0.005112204	INAREA	MeetTons
2101500019	Boone	Duro Bag Manufacturing	322220	38.97621	-84.63238	7600 Empire Dr	Florence	KY	41042	14.8666731	0.040859169	0.578	0.001890797	INAREA	MeetTons
2101500025	Boone	Crane Composites Inc	32613	38.974833	-84.62425	8015 Dixon Rd	Florence	KY	41042	34.51668334	0.094826053	0.837	0.002299451	INAREA	MeetTons
2101500029	Boone	Duke Energy KY East Bend	221112	38.9031	-84.8511	6293 Beaver Rd	Union	KY	41091	61.23756547	0.161677786	6617.727161	17.45853162	INAREA	MeetTons
2101500069	Boone	Camco Chemical Co	325611	38.974536	-84.611026	8150 Holton Dr	Florence	KY	41042	301.4808839	0.828277126	0.545	0.002096154	INAREA	MeetTons
2101500077	Boone	Southern Graphic Systems Inc	323120	38.972075	-84.623779	7435 Empire Dr	Florence	KY	41042	24.1320221	0.04061486	0.096	1.05495E-05	INAREA	MeetTons
2101500082	Boone	R R Donnelley - Nielsen Plant	323111	38.978611	-84.629222	7405 Industrial Rd	Florence	KY	41042	89.86312903	0.287506667	1.0995	0.003541484	INAREA	MeetTons
2101500086	Boone	Duro Bag Mfg Co	322220	38.920556	-84.611111	1 Duro Way	Walton	KY	41094	34.1264084	0.092192516	5.28	0.009065934	INAREA	MeetTons
2101500088	Boone	The Hennegan Co	323111	38.970502	-84.62561	7455 Empire Dr	Florence	KY	41042	20.74654644	0.056996007	0.92485	0.002540797	INAREA	MeetTons
2101500102	Boone	Sweco, Div of M-I, LLC	333999	38.977917	-84.618861	8029 US 25	Florence	KY	41042	15.35832	0.049225385	0.0611226	0.001175435	INAREA	MeetTons
2101500114	Boone	Continental Web Press Inc	323111	38.91611	-84.631944	125 Richwood Rd	Walton	KY	41094	19.84330717	0.050886476	1.259515	0.003261037	INAREA	MeetTons
2101500120	Boone	Schwans Food Manufacturing Inc	311412	38.974444	-84.631944	7605 Empire Dr	Florence	KY	41042	60.85257735	0.243264013	6.9896017	0.086783024	INAREA	MeetTons
2101500126	Boone	Keebler Foods Co	311821	38.9675	-84.633611	500 Weaver Rd	Florence	KY	41042	16.90560633	0.052137972	2.6646185	0.009558171	INAREA	MeetTons
2101500142	Boone	Abrapower Inc	332999	38.983333	-84.629167	8055 Dixie Hwy	Florence	KY	41042	55.14974903	0.151504684	0.046455	2.55247E-05	INAREA	MeetTons
2101500144	Boone	Stonehouse Building Products LLC	326199	38.9725	-84.631111	8025 Bluegrass Dr	Florence	KY	41042	17.76717327	0.068028728	0.135435	0	INAREA	MeetTons
2101500146	Boone	CW Zumbiel Packaging	323111	39.041667	-84.707222	2100 Gateway Blvd	Hebron	KY	41048	28.72800987	0.078923104	2.2855	0.006278846	INAREA	MeetTons
2103700006	Campbell	IPSCO Tubulars KY Inc	33121	39.053611	-84.495278	100 Steel Plant Rd	Wilder	KY	41071	37.71958832	0.147768264	0	0	INAREA	MeetTons
2103700090	Campbell	Lafarge North America	32742	39.039167	-84.398333	5145 Mary Ingles Hwy	Silver Grove	KY	41085	27.69459634	0.076084056	60.16355603	0.165284495	INAREA	MeetTons
2111700022	Kenton	Marathon Petroleum Co LP - Covington Terminal	42471	39.055556	-84.5	230 E 33rd St	Covington	KY	41015	254.6157428	0.699493799	1.484614958	0.004078613	INAREA	MeetTons
2111700086	Kenton	Interplastic MFG. Co.-Thermoset Resins Division	325211	39.041944	-84.514722	3535 Latonia Ave	Fort Wright	KY		28.56753314	0.07629591	5.55975	0.015116	INAREA	MeetTons
2111700177	Kenton	Firestone Building Products Co	32615	38.974736	-84.609493	8170 Holton Dr	Independence	KY	41042	71.76594084	0.498037879	0.947	0.001560989	INAREA	MeetTons

KENTUCKY 2011 POINT SOURCE OZONE PRECURSOR TEMPO EMISSIONS
REGARDING THE CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
KENTUCKY COUNTIES OF BOONE, CAMPBELL, AND KENTON
ACTUAL EMISSIONS - SOURCES >= 10 Tons Per Year for VOC OR >= 100 Tons Per Year for NO2
EPA 80% RULE EFFECTIVENESS APPLIED FOR VOC and NO2

AREA=Cincinnati-Hamilton COUNTYN=Boone

Obs	MASAINAME	ALTFACID	MASTER_ AI_ID	COUNTYN	CNTY_ CODE	VOC Tons Per Year	VOC Tons Per Summer Day	NO2 Tons Per Year	NO2 Tons Per Summer Day
1	Aristech Acrylics LLC	2101500004	141	Boone	015	16.26	0.04	5.30	0.01
2	Greif Industrial Packaging & Services LLC	2101500010	272	Boone	015	74.58	0.29	2.41	0.01
3	DRS Environmental Systems Inc	2101500018	196	Boone	015	11.77	0.05	1.83	0.01
4	Duro Bag Manufacturing Co	2101500019	174	Boone	015	14.87	0.04	0.58	0.00
5	Crane Composites Inc	2101500025	204	Boone	015	34.52	0.09	0.84	0.00
6	Duke Energy KY East Bend	2101500029	176	Boone	015	61.24	0.16	6617.73	17.46
7	Camco Chemical Co Inc	2101500069	162	Boone	015	301.48	0.83	0.55	0.00
8	Southern Graphic Systems LLC	2101500077	212	Boone	015	24.13	0.04	0.10	0.00
9	R R Donnelley - Florence Facility	2101500082	222	Boone	015	89.86	0.29	1.10	0.00
10	Duro Bag Manufacturing Co	2101500086	175	Boone	015	34.13	0.09	5.28	0.01
11	The Hennegan Co	2101500088	37191	Boone	015	20.75	0.06	0.92	0.00
12	Sweco Inc	2101500102	254	Boone	015	15.36	0.05	0.06	0.00
13	Continental Web Press Inc	2101500114	37167	Boone	015	19.84	0.05	1.26	0.00
14	Schwan's Global Supply Chain LLC	2101500120	241	Boone	015	60.85	0.24	6.99	0.09
15	Keebler Foods Co	2101500126	179	Boone	015	16.91	0.05	2.66	0.01
16	Abrapower Ltd	2101500142	45190	Boone	015	55.15	0.15	0.05	0.00
17	Stonehouse Building Products LLC	2101500144	49151	Boone	015	17.77	0.07	0.14	0.00
18	Zumbiel Packaging	2101500146	50899	Boone	015	28.73	0.08	2.29	0.01
COUNTYN						898.18	2.68	6650.07	17.62

AREA=Cincinnati-Hamilton COUNTYN=Campbell

Obs	MASAINAME	ALTFACID	MASTER_ AI_ID	COUNTYN	CNTY_ CODE	VOC Tons Per Year	VOC Tons Per Summer Day	NO2 Tons Per Year	NO2 Tons Per Summer Day
19	IPSCO Tubulars Inc	2103700006	613	Campbell	037	37.72	0.15	0.00	0.00
20	Continental Silver Grove LLC	2103700090	591	Campbell	037	27.69	0.08	60.16	0.17
COUNTYN						65.41	0.22	60.16	0.17

AREA=Cincinnati-Hamilton COUNTYN=Kenton

Obs	MASAINAME	ALTFACID	MASTER_ AI_ID	COUNTYN	CNTY_ CODE	VOC Tons Per Year	VOC Tons Per Summer Day	NO2 Tons Per Year	NO2 Tons Per Summer Day
21	Marathon Petroleum Co LP - Covington Terminal	2111700022	2479	Kenton	117	254.62	0.70	1.48	0.00
22	Interplastic Mfg Co Thermoset Resins Div	2111700086	2466	Kenton	117	28.57	0.08	5.56	0.02

KENTUCKY 2011 POINT SOURCE OZONE PRECURSOR TEMPO EMISSIONS
REGARDING THE CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
KENTUCKY COUNTIES OF BOONE, CAMPBELL, AND KENTON
ACTUAL EMISSIONS - SOURCES >= 10 Tons Per Year for VOC OR >= 100 Tons Per Year for NO2
EPA 80% RULE EFFECTIVENESS APPLIED FOR VOC and NO2

AREA=Cincinnati-Hamilton COUNTYN=Kenton

(continued)

Obs	MASAINAME	ALTFACID	MASTER_ AI_ID	COUNTYN	CNTY_ CODE	VOC Tons Per Year	VOC Tons Per Summer Day	NO2 Tons Per Year	NO2 Tons Per Summer Day
23	Firestone Building Products Co	2111700177	71732	Kenton	117	71.77	0.50	0.95	0.00
COUNTYN						354.95	1.27	7.99	0.02
AREA						1318.54	4.17	6718.22	17.80
						1318.54	4.17	6718.22	17.80

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00004 MASAINAME=Aristech Acrylics LLC ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
1	NO2	2101500004	015	00004	002	1	10200602	1.000000000000	0	80	1.000000000000	N
2	NO2	2101500004	015	00004	002	2	10200401	1.000000000000	0	80	1.000000000000	N
3	NO2	2101500004	015	00004	002	3	10200502	1.000000000000	0	80	1.000000000000	N
4	NO2	2101500004	015	00004	003	1	10200602	1.000000000000	0	80	1.000000000000	N
5	NO2	2101500004	015	00004	003	2	10200401	1.000000000000	0	80	1.000000000000	N
6	NO2	2101500004	015	00004	003	3	10200502	1.000000000000	0	80	1.000000000000	N
7	NO2	2101500004	015	00004	004	1	10200602	1.000000000000	0	80	1.000000000000	N
8	NO2	2101500004	015	00004	004	2	10200401	1.000000000000	0	80	1.000000000000	N
9	NO2	2101500004	015	00004	004	3	10200502	1.000000000000	0	80	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
1	N	1	1	18	F	25	7	52	0.04945	100.000000000000	0.90	0.00
2	N	1	1	0	F	25	7	52	0.00000	55.000000000000	0.00	0.00
3	N	1	1	0	F	25	7	52	0.00000	20.000000000000	0.00	0.00
4	N	1	1	77	F	25	7	52	0.21154	100.000000000000	3.85	0.01
5	N	1	1	0	F	25	7	52	0.00000	55.000000000000	0.00	0.00
6	N	1	1	0	F	25	7	52	0.00000	20.000000000000	0.00	0.00
7	N	1	1	11	F	25	7	52	0.03022	100.000000000000	0.55	0.00
8	N	1	1	0	F	25	7	52	0.00000	55.000000000000	0.00	0.00
9	N	1	1	0	F	25	7	52	0.00000	20.000000000000	0.00	0.00

MASAINAME 5.30 0.01
PLANT_ID 5.30 0.01

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00010 MASAINAME=Greif Industrial Packaging & Services LLC ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
10	NO2	2101500010	015	00010	001	3	40201001	1.000000000000	0	80	1.000000000000	N
11	NO2	2101500010	015	00010	001	5	40201001	1.000000000000	0	80	1.000000000000	N
12	NO2	2101500010	015	00010	002	2	40201001	1.000000000000	0	80	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
10	N	1	1	15.89	F	25	5	52	0.06112	100.000000000000	0.79	0.00
11	N	1	1	28.40	F	25	5	52	0.10923	100.000000000000	1.42	0.01
12	N	1	1	3.85	F	25	5	52	0.01481	100.000000000000	0.19	0.00
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MASAINAME											2.41	0.01
PLANT_ID											2.41	0.01

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00018 MASAINAME=DRS Environmental Systems Inc ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
13	NO2	2101500018	015	00018	11	1	10500106	1.000000000000	0	80	1.000000000000	N
14	NO2	2101500018	015	00018	11	2	10500106	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
13	N	1	1	9.7976	N	25	7	52	0.026916	100.000000000000	0.49	0.00
14	N	1	1	1.2247	N	25	7	52	0.003365	100.000000000000	0.06	0.00

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00018 MASAINAME=DRS Environmental Systems Inc ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
15	NO2	2101500018	015	00018	13	2	20300101	1.000000000000	0	80	1.000000000000	N
16	NO2	2101500018	015	00018	13	3	20300101	1.000000000000	0	80	1.000000000000	N
17	NO2	2101500018	015	00018	14	1	20300101	1.000000000000	0	80	1.000000000000	N
18	NO2	2101500018	015	00018	EP 01	2	40201001	1.000000000000	0	80	1.000000000000	N
19	NO2	2101500018	015	00018	EP 08	2	40201001	1.000000000000	0	80	1.000000000000	N
20	NO2	2101500018	015	00018	EP 09	2	40201001	1.000000000000	0	80	1.000000000000	N
21	NO2	2101500018	015	00018	EP 10	2	40201001	1.000000000000	0	80	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
15	N	1	1	0.0000	N	25	7	52	0.000000	617.400000000000	0.00	0.00
16	N	1	1	0.3855	N	25	7	52	0.001059	617.400000000000	0.12	0.00
17	N	1	1	3.5684	N	25	7	52	0.009803	617.400000000000	1.10	0.00
18	N	1	1	0.0000	N	25	5	50	0.000000	100.000000000000	0.00	0.00
19	N	1	1	1.2247	N	25	5	50	0.004899	100.000000000000	0.06	0.00
20	N	1	1	0.0000	N	25	5	50	0.000000	100.000000000000	0.00	0.00
21	N	1	1	0.0000	N	25	5	50	0.000000	100.000000000000	0.00	0.00
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MASAINAME											1.83	0.01
PLANT_ID											1.83	0.01

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00019 MASAINAME=Duro Bag Manufacturing Co ----------

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
22	NO2	2101500019	015	00019	001	2	39000699	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
22	N	1	1	7.78	N	25	7	52	0.021374	100.000000000000	0.39	0.00

ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
NO2 PROCESS LEVEL EMISSIONS

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00019 MASAINAME=Duro Bag Manufacturing Co ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
23	NO2	2101500019	015	00019	IA1	1	39000699	1.000000000000	0	80	1.000000000000	N
24	NO2	2101500019	015	00019	IA2	1	10200603	1.000000000000	0	80	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
23	N	1	1	1.89	N	25	7	24	0.011250	100.000000000000	0.09	0.00
24	N	1	1	1.89	N	25	7	52	0.005192	100.000000000000	0.09	0.00
MASAINAME											0.58	0.00
PLANT_ID											0.58	0.00

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00025 MASAINAME=Crane Composites Inc ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
25	NO2	2101500025	015	00025	EP1	2	39000699	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
25	N	1	1	16.74	F	25	7	52	0.045989	100.000000000000	0.84	0.00

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00029 MASAINAME=Duke Energy KY East Bend ----------

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
26	NO2	2101500029	015	00029	002	1	10100202	1.000000000000	88.136	80	0.294912000000	N
27	NO2	2101500029	015	00029	002	2	10100501	1.000000000000	0.000	80	1.000000000000	N
28	NO2	2101500029	015	00029	013	1	39999995	1.000000000000	0.000	80	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
26	N	1	1	2037462.00	F	24	7	52	5373.53	22.000000000000	6609.59	17.43
27	N	1	1	671.82	F	24	7	52	1.77	24.000000000000	8.06	0.02
28	N	1	1	338.00	F	22	1	12	24.79	0.434000000000	0.07	0.01
MASAINAME											6617.73	17.46
PLANT_ID											6617.73	17.46

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00069 MASAINAME=Camco Chemical Co Inc ----------

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
29	NO2	2101500069	015	00069	001	1	10200603	1.000000000000	0	80	1.000000000000	N
30	NO2	2101500069	015	00069	009	1	10200603	1.000000000000	0	80	1.000000000000	N
31	NO2	2101500069	015	00069	009	2	10200502	1.000000000000	0	80	1.000000000000	N

MASAINAME

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
29	N	1	1	4.36	F	25	5	52	0.016769	100.000000000000	0.22	0.00
30	N	1	1	6.54	F	25	5	52	0.025154	100.000000000000	0.33	0.00
31	N	1	1	0.00	F	25	5	52	0.000000	20.000000000000	0.00	0.00
MASAINAME											0.55	0.00

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00069 MASAINAME=Camco Chemical Co Inc ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
PLANT_ID												

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
PLANT_ID											0.55	0.00

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00077 MASAINAME=Southern Graphic Systems LLC ----------

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
32	NO2	2101500077	015	00077	IA06	1	10200603	1.000000000000	0	80	1.000000000000	N
33	NO2	2101500077	015	00077	IA07	1	10200603	1.000000000000	0	80	1.000000000000	N
34	NO2	2101500077	015	00077	IA14	1	10200603	1.000000000000	0	80	1.000000000000	N
35	NO2	2101500077	015	00077	R001E	1	10200603	1.000000000000	0	80	1.000000000000	N
36	NO2	2101500077	015	00077	R001F	1	10200603	1.000000000000	0	80	1.000000000000	N
MASAINAME												
PLANT_ID												

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
32	N	1	1	0.33	F	1	7	52	.000036264	100.000000000000	0.02	0.00
33	N	1	1	0.08	F	1	7	52	.000008791	100.000000000000	0.00	0.00
34	N	1	1	1.51	F	1	7	52	.000165934	100.000000000000	0.08	0.00
35	N	1	1	0.00	F	0	7	52	0	100.000000000000	0.00	0.00
36	N	1	1	0.00	F	0	7	52	0	100.000000000000	0.00	0.00
MASAINAME											0.10	0.00
PLANT_ID											0.10	0.00

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00082 MASAINAME=R R Donnelley - Florence Facility ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
37	NO2	2101500082	015	00082	004	4	39000699	1.000000000000	0	80	1.000000000000	N
38	NO2	2101500082	015	00082	006	5	39000699	1.000000000000	0	80	1.000000000000	N
39	NO2	2101500082	015	00082	012	5	39000699	1.000000000000	0	80	1.000000000000	N
40	NO2	2101500082	015	00082	013	4	39000699	1.000000000000	0	80	1.000000000000	N
41	NO2	2101500082	015	00082	015	4	39000699	1.000000000000	0	80	1.000000000000	N
42	NO2	2101500082	015	00082	C1	1	40290013	1.000000000000	0	80	1.000000000000	N
43	NO2	2101500082	015	00082	R002	4	39000699	1.000000000000	0	80	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
37	N	1	1	5.17	F	25	5	52	0.019885	100.000000000000	0.26	0.00
38	N	1	1	5.20	F	25	7	52	0.014286	100.000000000000	0.26	0.00
39	N	1	1	7.31	F	25	7	52	0.020082	100.000000000000	0.37	0.00
40	N	1	1	4.31	F	25	5	52	0.016577	100.000000000000	0.22	0.00
41	N	1	1	0.00	F	0	7	52	0.000000	100.000000000000	0.00	0.00
42	N	1	1	0.00	N	0	7	52	0.000000	100.000000000000	0.00	0.00
43	N	1	1	0.00	F	0	5	52	0.000000	100.000000000000	0.00	0.00

MASAINAME
PLANT_ID

											1.10	0.00
											1.10	0.00

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00086 MASAINAME=Duro Bag Manufacturing Co ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
44	NO2	2101500086	015	00086	001	1	10200603	1.000000000000	0	80	1.000000000000	N
45	NO2	2101500086	015	00086	002	1	39000699	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
44	N	1	1	13.2	F	25	7	52	0.036264	100.000000000000	0.66	0.00
45	N	1	1	13.2	F	25	7	52	0.036264	100.000000000000	0.66	0.00

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00086 MASAINAME=Duro Bag Manufacturing Co ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
46	NO2	2101500086	015	00086	002	2	39000699	1.000000000000	0	80	1.000000000000	N
47	NO2	2101500086	015	00086	003	1	39000699	1.000000000000	0	80	1.000000000000	N
48	NO2	2101500086	015	00086	003	2	39000699	1.000000000000	0	80	1.000000000000	N
49	NO2	2101500086	015	00086	P08	2	39000699	1.000000000000	0	80	1.000000000000	N
50	NO2	2101500086	015	00086	P08	3	39000699	1.000000000000	0	80	1.000000000000	N
51	NO2	2101500086	015	00086	P10	3	39000699	1.000000000000	0	80	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
46	N	1	1	13.2	F	25	7	52	0.036264	100.000000000000	0.66	0.00
47	N	1	1	13.2	F	25	7	52	0.036264	100.000000000000	0.66	0.00
48	N	1	1	13.2	F	25	7	52	0.036264	100.000000000000	0.66	0.00
49	N	1	1	13.2	F	0	1	1	0.000000	100.000000000000	0.66	0.00
50	N	1	1	13.2	F	0	1	1	0.000000	100.000000000000	0.66	0.00
51	N	1	1	13.2	F	0	1	1	0.000000	100.000000000000	0.66	0.00

MASAINAME
PLANT_ID

	5.28	0.01
	5.28	0.01

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00088 MASAINAME=The Hennegan Co ----------

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
52	NO2	2101500088	015	00088	EP01	5	39000699	1.000000000000	0	80	1.000000000000	N
53	NO2	2101500088	015	00088	EP01	6	39000699	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
52	N	1	1	0.212	N	25	7	52	0.000582	100.000000000000	0.01	0.00
53	N	1	1	18.285	N	25	7	52	0.050234	100.000000000000	0.91	0.00

ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
NO2 PROCESS LEVEL EMISSIONS

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00088 MASAINAME=The Hennegan Co ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF

MASAINAME												
PLANT_ID												

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
---											---	---
MASAINAME											0.92	0.00
PLANT_ID											0.92	0.00

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00102 MASAINAME=Sweco Inc ----------

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
54	NO2	2101500102	015	00102	EP08	1	20200102	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
54	N	1	1	0.198	N	25	1	52	.003807692	617.400000000000	0.06	0.00

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00114 MASAINAME=Continental Web Press Inc ----------

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
55	NO2	2101500114	015	00114	002	8	10200603	1.000000000000	0	80	1.000000000000	N
56	NO2	2101500114	015	00114	003	8	10200603	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
55	N	1	1	2.0000	F	26	7	52	0.005714	100.000000000000	0.10	0.00
56	N	1	1	6.6455	F	25	7	52	0.018257	100.000000000000	0.33	0.00

KENTUCKY 2011 OZONE PRECURSOR TEMPO EMISSIONS
ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
NO2 PROCESS LEVEL EMISSIONS

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00114 MASAINAME=Continental Web Press Inc ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
57	NO2	2101500114	015	00114	004	1	10200603	1.000000000000	0	80	1.000000000000	N
58	NO2	2101500114	015	00114	005	8	10200603	1.000000000000	0	80	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
57	N	1	1	10.1700	F	25	7	52	0.027940	100.000000000000	0.51	0.00
58	N	1	1	6.3748	F	19	7	52	0.013310	100.000000000000	0.32	0.00
											1.26	0.00

MASAINAME
PLANT_ID

1.26 0.00

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00120 MASAINAME=Schwan's Global Supply Chain LLC ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
59	NO2	2101500120	015	00120	EU01	1	10200602	1.000000000000	0	80	1.000000000000	N
60	NO2	2101500120	015	00120	EU02	2	10200603	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
59	N	1	1	0.950	F	25	5	5	0.03800	100.000000000000	0.05	0.00
60	N	1	1	11.320	F	25	5	50	0.04528	100.000000000000	0.57	0.00

ACTUAL POINT SOURCE EMISSIONS

CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA

BOONE, CAMPBELL, AND KENTON COUNTIES

NO2 PROCESS LEVEL EMISSIONS

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00120 MASAINAME=Schwan's Global Supply Chain LLC ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
61	NO2	2101500120	015	00120	EU03	2	10200603	1.000000000000	0	80	1.000000000000	N
62	NO2	2101500120	015	00120	EU04	1	10200602	1.000000000000	0	80	1.000000000000	N
63	NO2	2101500120	015	00120	EU05	1	10200603	1.000000000000	0	80	1.000000000000	N
64	NO2	2101500120	015	00120	EU05	3	10200603	1.000000000000	0	80	1.000000000000	N
65	NO2	2101500120	015	00120	EU06	1	39000699	1.000000000000	0	80	1.000000000000	N
66	NO2	2101500120	015	00120	EU07	1	20200253	1.000000000000	0	80	1.000000000000	N
67	NO2	2101500120	015	00120	EU08	1	20200253	1.000000000000	0	80	1.000000000000	N
68	NO2	2101500120	015	00120	EU09	1	10200603	1.000000000000	0	80	1.000000000000	N
69	NO2	2101500120	015	00120	IA01	1	10200603	1.000000000000	0	80	1.000000000000	N
70	NO2	2101500120	015	00120	IA02	1	10200603	1.000000000000	0	80	1.000000000000	N
71	NO2	2101500120	015	00120	IA03	1	20201001	1.000000000000	0	80	1.000000000000	N
72	NO2	2101500120	015	00120	IA04	1	20201001	1.000000000000	0	80	1.000000000000	N
73	NO2	2101500120	015	00120	IA05	1	10200603	1.000000000000	0	80	1.000000000000	N
74	NO2	2101500120	015	00120	IA06	1	10200603	1.000000000000	0	80	1.000000000000	N
75	NO2	2101500120	015	00120	R-EQ01	1	10200603	1.000000000000	0	80	1.000000000000	N

MASAINAME												

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
61	N	1	1	13.590	F	25	5	50	0.05436	100.000000000000	0.68	0.00
62	N	1	1	18.800	N	25	6	35	0.08952	100.000000000000	0.94	0.00
63	N	1	1	9.060	N	25	5	52	0.03485	100.000000000000	0.45	0.00
64	N	1	1	1.700	N	25	5	52	0.00654	100.000000000000	0.09	0.00
65	N	1	1	13.590	N	25	5	24	0.11325	100.000000000000	0.68	0.01
66	N	1	1	0.290	N	25	1	12	0.02417	2210.000000000000	0.32	0.03
67	N	1	1	0.300	N	25	1	12	0.02500	2210.000000000000	0.33	0.03
68	N	1	1	6.790	F	25	5	50	0.02716	100.000000000000	0.34	0.00
69	N	1	1	20.280	N	25	5	50	0.08112	100.000000000000	1.01	0.00
70	N	1	1	8.160	N	25	5	50	0.03264	100.000000000000	0.41	0.00
71	N	1	1	1.695	F	25	5	26	0.01304	290.060000000000	0.25	0.00
72	N	1	1	1.695	F	25	5	26	0.01304	290.060000000000	0.25	0.00
73	N	1	1	12.680	F	25	5	50	0.05072	100.000000000000	0.63	0.00
74	N	1	1	0.000	F	25	1	1	0.00000	100.000000000000	0.00	0.00
75	N	1	1	0.000	F	25	1	1	0.00000	100.000000000000	0.00	0.00
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MASAINAME											6.99	0.09

KENTUCKY 2011 OZONE PRECURSOR TEMPO EMISSIONS
ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
NO2 PROCESS LEVEL EMISSIONS

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00120 MASAINAME=Schwan's Global Supply Chain LLC ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF

PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day

PLANT_ID

											6.99	0.09

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00126 MASAINAME=Keebler Foods Co ----------

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
76	NO2	2101500126	015	00126	00001a	1	39000699	1.000000000000	0	80	1.000000000000	N
77	NO2	2101500126	015	00126	00001a	2	39001099	1.000000000000	0	80	1.000000000000	N
78	NO2	2101500126	015	00126	00002	1	39000699	1.000000000000	0	80	1.000000000000	N
79	NO2	2101500126	015	00126	00002	2	39001099	1.000000000000	0	80	1.000000000000	N
80	NO2	2101500126	015	00126	00002a	1	39000699	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
76	N	1	1	14.760	F	26	6	48	0.053300	100.000000000000	0.74	0.00
77	N	1	1	0.347	F	26	6	48	0.001253	13.000000000000	0.00	0.00
78	N	1	1	16.450	F	26	6	48	0.059403	100.000000000000	0.82	0.00
79	N	1	1	0.387	F	26	6	48	0.001398	13.000000000000	0.00	0.00
80	N	1	1	0.980	F	21	7	52	0.002262	100.000000000000	0.05	0.00

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00126 MASAINAME=Keebler Foods Co ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
81	NO2	2101500126	015	00126	00002a	2	39001099	1.000000000000	0	80	1.000000000000	N
82	NO2	2101500126	015	00126	000304	1	10300603	1.000000000000	0	80	1.000000000000	N
83	NO2	2101500126	015	00126	000304	2	10301002	1.000000000000	0	80	1.000000000000	N
84	NO2	2101500126	015	00126	050607	1	10300603	1.000000000000	0	80	1.000000000000	N
85	NO2	2101500126	015	00126	050607	2	10301002	1.000000000000	0	80	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
81	N	1	1	0.023	F	21	7	52	0.000053	13.000000000000	0.00	0.00
82	N	1	1	12.510	F	26	6	48	0.045175	100.000000000000	0.63	0.00
83	N	1	1	0.294	F	26	6	48	0.001062	13.000000000000	0.00	0.00
84	N	1	1	8.430	F	26	6	48	0.030442	100.000000000000	0.42	0.00
85	N	1	1	0.198	F	26	6	48	0.000715	13.000000000000	0.00	0.00
---											---	---
MASAINAME											2.66	0.01
PLANT_ID											2.66	0.01

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00142 MASAINAME=Abrapower Ltd ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
86	NO2	2101500142	015	00142	IA6	1	10500106	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
86	N	1	1	0.9291	N	5	7	52	.000510495	100.000000000000	0.05	0.00

ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
NO2 PROCESS LEVEL EMISSIONS

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00144 MASAINAME=Stonehouse Building Products LLC ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
87	NO2	2101500144	015	00144	15	1	10500106	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
87	N	1	1	2.7087	N	0	5	52	0	100.000000000000	0.14	0.00

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00146 MASAINAME=Zumbiel Packaging ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
88	NO2	2101500146	015	00146	EP 01	7	40201001	1.000000000000	0	80	1.000000000000	N
89	NO2	2101500146	015	00146	EP 02	7	40201001	1.000000000000	0	80	1.000000000000	N
90	NO2	2101500146	015	00146	EP 02	8	40201001	1.000000000000	0	80	1.000000000000	N
91	NO2	2101500146	015	00146	EP 03	7	40201001	1.000000000000	0	80	1.000000000000	N
92	NO2	2101500146	015	00146	EP 03	8	40201001	1.000000000000	0	80	1.000000000000	N
93	NO2	2101500146	015	00146	EP 04	7	40201001	1.000000000000	0	80	1.000000000000	N
94	NO2	2101500146	015	00146	EP 07	5	40201001	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
88	N	1	1	11.90	N	25	7	52	0.032692	100.000000000000	0.60	0.00
89	N	1	1	0.22	N	25	7	52	0.000604	100.000000000000	0.01	0.00
90	N	1	1	0.00	N	25	7	52	0.000000	100.000000000000	0.00	0.00
91	N	1	1	9.80	N	25	7	52	0.026923	100.000000000000	0.49	0.00
92	N	1	1	4.80	N	25	7	52	0.013187	100.000000000000	0.24	0.00
93	N	1	1	11.19	N	25	7	52	0.030742	100.000000000000	0.56	0.00
94	N	1	1	5.10	N	25	7	52	0.014011	100.000000000000	0.26	0.00

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00146 MASAINAME=Zumbiel Packaging ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
95	NO2	2101500146	015	00146	EP 08	5	40201001	1.000000000000	0	80	1.000000000000	N

MASAINAME
PLANT_ID
COUNTYN
CNTY_CODE

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
95	N	1	1	2.70	N	25	7	52	0.007418	100.000000000000	0.14	0.00
---											---	---
MASAINAME											2.29	0.01
PLANT_ID											2.29	0.01
COUNTYN											6650.07	17.62
CNTY_CODE											6650.07	17.62

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=037 COUNTYN=Campbell PLANT_ID=00090 MASAINAME=Continental Silver Grove LLC ----------

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
96	NO2	2103700090	037	00090	EG02	4	20200102	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
96	N	1	1	4.834	F	25	7	52	0.01328	620.000000000000	1.50	0.00

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=037 COUNTYN=Campbell PLANT_ID=00090 MASAINAME=Continental Silver Grove LLC ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
97	NO2	2103700090	037	00090	EG05	3	39000699	1.000000000000	0	80	1.000000000000	N
98	NO2	2103700090	037	00090	EG05	8	39000699	1.000000000000	0	80	1.000000000000	N
99	NO2	2103700090	037	00090	EG07	2	39000699	1.000000000000	0	80	1.000000000000	N
100	NO2	2103700090	037	00090	EG07	4	39000699	1.000000000000	0	80	1.000000000000	N
101	NO2	2103700090	037	00090	EG07	6	39000699	1.000000000000	0	80	1.000000000000	N
102	NO2	2103700090	037	00090	EG07	8	39000699	1.000000000000	0	80	1.000000000000	N
103	NO2	2103700090	037	00090	EG07	10	39000699	1.000000000000	0	80	1.000000000000	N
104	NO2	2103700090	037	00090	EG07	12	39000699	1.000000000000	0	80	1.000000000000	N
105	NO2	2103700090	037	00090	EG07	16	39000699	1.000000000000	0	80	1.000000000000	N
106	NO2	2103700090	037	00090	EG07	18	39000699	1.000000000000	0	80	1.000000000000	N
107	NO2	2103700090	037	00090	REG5-2	8	39000699	1.000000000000	0	80	1.000000000000	N
108	NO2	2103700090	037	00090	REG7-2	12	39000699	1.000000000000	0	80	1.000000000000	N
109	NO2	2103700090	037	00090	REG7-2	16	39000699	1.000000000000	0	80	1.000000000000	N
110	NO2	2103700090	037	00090	REG7-2	18	39000699	1.000000000000	0	80	1.000000000000	N

MASAINAME												

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
97	N	1	1	504.001	F	25	7	52	1.38462	69.900000000000	17.61	0.05
98	N	1	1	475.478	F	25	7	52	1.30626	47.580000000000	11.31	0.03
99	N	1	1	60.826	F	25	7	52	0.16710	144.940000000000	4.41	0.01
100	N	1	1	151.718	F	25	7	52	0.41681	78.750000000000	5.97	0.02
101	N	1	1	87.031	F	25	7	52	0.23910	40.530000000000	1.76	0.00
102	N	1	1	100.634	F	25	7	52	0.27647	30.850000000000	1.55	0.00
103	N	1	1	89.515	F	25	7	52	0.24592	73.530000000000	3.29	0.01
104	N	1	1	142.211	F	25	7	52	0.39069	84.610000000000	6.02	0.02
105	N	1	1	87.980	F	25	7	52	0.24170	60.890000000000	2.68	0.01
106	N	1	1	122.911	F	25	7	52	0.33767	65.980000000000	4.05	0.01
107	N	1	1	0.000	F	25	7	52	0.00000	20.000000000000	0.00	0.00
108	N	1	1	0.000	F	25	7	52	0.00000	114.200000000000	0.00	0.00
109	N	1	1	0.000	F	25	7	52	0.00000	37.000000000000	0.00	0.00
110	N	1	1	0.000	F	25	7	52	0.00000	61.500000000000	0.00	0.00
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MASAINAME											60.16	0.17

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=037 COUNTYN=Campbell PLANT_ID=00090 MASAINAME=Continental Silver Grove LLC ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF

PLANT_ID
COUNTYN
CNTY_CODE

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
---											---	---
PLANT_ID											60.16	0.17
COUNTYN											60.16	0.17
CNTY_CODE											60.16	0.17

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=117 COUNTYN=Kenton PLANT_ID=00022 MASAINAME=Marathon Petroleum Co LP - Covington Terminal ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
111	NO2	2111700022	117	00022	013	1	40600131	1.000000000000	0	80	1.000000000000	N
112	NO2	2111700022	117	00022	013	2	40600134	1.000000000000	0	80	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
111	N	1	1	225968	F	25	7	52	620.791	0.013140000000	1.48	0.00
112	N	1	1	575	F	25	7	52	1.580	0.000018080000	0.00	0.00
---											---	---
MASAINAME											1.48	0.00
PLANT_ID											1.48	0.00

KENTUCKY 2011 OZONE PRECURSOR TEMPO EMISSIONS
ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
NO2 PROCESS LEVEL EMISSIONS

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=117 COUNTYN=Kenton PLANT_ID=00086 MASAINAME=Interplastic Mfg Co Thermoset Resins Div ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
113	NO2	2111700086	117	00086	SEU09	1	10200602	1.000000000000	0	80	1.000000000000	N
114	NO2	2111700086	117	00086	SEU09	2	10201002	1.000000000000	0	80	1.000000000000	N
115	NO2	2111700086	117	00086	SEU10	1	10200602	1.000000000000	0	80	1.000000000000	N
116	NO2	2111700086	117	00086	SEU10	2	10201002	1.000000000000	0	80	1.000000000000	N
117	NO2	2111700086	117	00086	SEU103	1	10200602	1.000000000000	0	80	1.000000000000	N
118	NO2	2111700086	117	00086	SEU103	2	10201002	1.000000000000	0	80	1.000000000000	N
119	NO2	2111700086	117	00086	SEU109	1	10200602	1.000000000000	0	80	1.000000000000	N
120	NO2	2111700086	117	00086	SEU109	2	10201002	1.000000000000	0	80	1.000000000000	N
121	NO2	2111700086	117	00086	SEU26	1	30190013	1.000000000000	0	80	1.000000000000	N
122	NO2	2111700086	117	00086	SEU26	2	10201002	1.000000000000	0	80	1.000000000000	N
123	NO2	2111700086	117	00086	SEU33	1	10200602	1.000000000000	0	80	1.000000000000	N
124	NO2	2111700086	117	00086	SEU33	2	10201002	1.000000000000	0	80	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
113	N	1	1	29.436	N	24	7	52	0.07763	100.000000000000	1.47	0.00
114	N	1	1	0.000	N	24	7	52	0.00000	19.000000000000	0.00	0.00
115	N	1	1	0.000	N	0	7	6	0.00000	100.000000000000	0.00	0.00
116	N	1	1	0.000	N	0	7	6	0.00000	19.000000000000	0.00	0.00
117	N	1	1	81.311	N	24	7	52	0.21445	100.000000000000	4.07	0.01
118	N	1	1	0.000	N	24	7	52	0.00000	19.000000000000	0.00	0.00
119	N	1	1	0.000	N	24	7	52	0.00000	100.000000000000	0.00	0.00
120	N	1	1	0.000	N	24	7	52	0.00000	19.000000000000	0.00	0.00
121	N	1	1	0.448	F	24	7	6	0.01024	100.000000000000	0.02	0.00
122	N	1	1	0.000	F	24	7	6	0.00000	19.000000000000	0.00	0.00
123	N	1	1	0.000	N	0	7	6	0.00000	100.000000000000	0.00	0.00
124	N	1	1	0.000	N	0	7	6	0.00000	19.000000000000	0.00	0.00
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MASAINAME											5.56	0.02
PLANT_ID											5.56	0.02

KENTUCKY 2011 OZONE PRECURSOR TEMPO EMISSIONS
ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
NO2 PROCESS LEVEL EMISSIONS

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=117 COUNTYN=Kenton PLANT_ID=00177 MASAINAME=Firestone Building Products Co ----------

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
125	NO2	2111700177	117	00177	02	2	10200603	1.000000000000	0	80	1.000000000000	N
126	NO2	2111700177	117	00177	IA1A	1	10200603	1.000000000000	0	80	1.000000000000	N
127	NO2	2111700177	117	00177	IA1B	1	10200603	1.000000000000	0	80	1.000000000000	N
128	NO2	2111700177	117	00177	IA2	1	10200603	1.000000000000	0	80	1.000000000000	N
129	NO2	2111700177	117	00177	IA3	1	39000699	1.000000000000	0	80	1.000000000000	N

MASAINAME
PLANT_ID
COUNTYN
CNTY_CODE
AREA
POLLN

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
125	N	1	1	3.788	N	25	7	52	0.010407	100.000000000000	0.19	0.00
126	N	1	1	3.788	N	0	7	52	0.000000	100.000000000000	0.19	0.00
127	N	1	1	3.788	N	0	7	52	0.000000	100.000000000000	0.19	0.00
128	N	1	1	3.788	N	25	7	52	0.010407	100.000000000000	0.19	0.00
129	N	1	1	3.788	N	25	7	52	0.010407	100.000000000000	0.19	0.00
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MASAINAME											0.95	0.00
PLANT_ID											0.95	0.00
COUNTYN											7.99	0.02
CNTY_CODE											7.99	0.02
AREA											6718.22	17.80
POLLN											6718.22	17.80
											==========	==========
											6718.22	17.80

KENTUCKY 2011 OZONE PRECURSOR TEMPO EMISSIONS
ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
VOC PROCESS LEVEL EMISSIONS

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00004 MASAINAME=Aristech Acrylics LLC ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
1	VOC	2101500004	015	00004	002	1	10200602	1.000000000000	0.0	80	1.000000000000	N
2	VOC	2101500004	015	00004	002	2	10200401	1.000000000000	0.0	80	1.000000000000	N
3	VOC	2101500004	015	00004	002	3	10200502	1.000000000000	0.0	80	1.000000000000	N
4	VOC	2101500004	015	00004	003	1	10200602	1.000000000000	0.0	80	1.000000000000	N
5	VOC	2101500004	015	00004	003	2	10200401	1.000000000000	0.0	80	1.000000000000	N
6	VOC	2101500004	015	00004	003	3	10200502	1.000000000000	0.0	80	1.000000000000	N
7	VOC	2101500004	015	00004	004	1	10200602	1.000000000000	0.0	80	1.000000000000	N
8	VOC	2101500004	015	00004	004	2	10200401	1.000000000000	0.0	80	1.000000000000	N
9	VOC	2101500004	015	00004	004	3	10200502	1.000000000000	0.0	80	1.000000000000	N
10	VOC	2101500004	015	00004	012	2	30183001	1.000000000000	90.0	80	0.280000000000	N
11	VOC	2101500004	015	00004	014	1	30183001	1.000000000000	99.9	80	0.200800000000	N
12	VOC	2101500004	015	00004	014	2	40704417	1.000000000000	99.9	80	0.200800000000	N
13	VOC	2101500004	015	00004	014	3	40704418	1.000000000000	99.9	80	0.200800000000	N
14	VOC	2101500004	015	00004	040	1	40704418	1.000000000000	0.0	80	1.000000000000	N
15	VOC	2101500004	015	00004	040	2	40704417	1.000000000000	0.0	80	1.000000000000	N
16	VOC	2101500004	015	00004	048	1	30199998	1.000000000000	99.9	80	0.200800000000	N
17	VOC	2101500004	015	00004	049	1	30199999	1.000000000000	0.0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
1	N	1	1	18.00	F	25	7	52	0.0495	5.500000000000	0.05	0.00
2	N	1	1	0.00	F	25	7	52	0.0000	0.280000000000	0.00	0.00
3	N	1	1	0.00	F	25	7	52	0.0000	0.200000000000	0.00	0.00
4	N	1	1	77.00	F	25	7	52	0.2115	5.500000000000	0.21	0.00
5	N	1	1	0.00	F	25	7	52	0.0000	0.280000000000	0.00	0.00
6	N	1	1	0.00	F	25	7	52	0.0000	0.200000000000	0.00	0.00
7	N	1	1	11.00	F	25	7	52	0.0302	5.500000000000	0.03	0.00
8	N	1	1	0.00	F	25	7	52	0.0000	0.280000000000	0.00	0.00
9	N	1	1	0.00	F	25	7	52	0.0000	0.200000000000	0.00	0.00
10	N	1	1	1336.00	F	25	7	52	3.6703	0.302130000000	0.06	0.00
11	N	1	1	3341.00	F	25	7	52	9.1786	0.302130000000	0.10	0.00
12	N	1	1	5.80	F	25	7	52	0.0159	4.679200000000	0.00	0.00
13	N	1	1	514.00	F	25	7	52	1.4121	0.000000000000	0.00	0.00
14	N	1	1	4053.00	F	25	7	52	11.1346	0.387000000000	0.78	0.00
15	N	1	1	110.00	F	25	7	52	0.3022	0.000000000000	0.00	0.00
16	N	1	1	2248.00	F	25	7	52	6.1758	0.362000000000	0.08	0.00
17	N	1	1	396.00	F	25	7	52	1.0879	4.817000000000	0.95	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00004 MASAINAME=Aristech Acrylics LLC ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
18	VOC	2101500004	015	00004	05(05)	1	40704418	1.000000000000	99.9	80	0.200800000000	N
19	VOC	2101500004	015	00004	05(05)	2	40704417	1.000000000000	99.9	80	0.200800000000	N
20	VOC	2101500004	015	00004	050	1	30199998	1.000000000000	99.9	80	0.200800000000	N
21	VOC	2101500004	015	00004	051	1	40200901	1.000000000000	0.0	80	1.000000000000	N
22	VOC	2101500004	015	00004	053	1	40200901	1.000000000000	0.0	80	1.000000000000	N
23	VOC	2101500004	015	00004	076	1	30101822	1.000000000000	0.0	80	1.000000000000	N
24	VOC	2101500004	015	00004	090	1	40200901	1.000000000000	0.0	80	1.000000000000	N
25	VOC	2101500004	015	00004	095	1	39999999	1.000000000000	0.0	80	1.000000000000	N
26	VOC	2101500004	015	00004	142a	1	40704404	1.000000000000	0.0	80	1.000000000000	N
27	VOC	2101500004	015	00004	142a	2	40704401	1.000000000000	0.0	80	1.000000000000	N
28	VOC	2101500004	015	00004	146,F3	1	39999999	1.000000000000	99.9	80	0.200800000000	N
29	VOC	2101500004	015	00004	146,F3	2	30180003	1.000000000000	0.0	80	1.000000000000	N
30	VOC	2101500004	015	00004	48(48)	2	30199998	1.000000000000	90.0	80	0.280000000000	N
31	VOC	2101500004	015	00004	5(6,7)	2	40704418	1.000000000000	99.9	80	0.200800000000	N
32	VOC	2101500004	015	00004	5(6,7)	3	40704418	1.000000000000	99.9	80	0.200800000000	N
33	VOC	2101500004	015	00004	F-1	1	30180003	1.000000000000	0.0	80	1.000000000000	N
34	VOC	2101500004	015	00004	F-1	2	30180008	1.000000000000	0.0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
18	N	1	1	3070.00	F	25	7	52	8.4341	0.249600000000	0.08	0.00
19	N	1	1	94.00	F	25	7	52	0.2582	4.679200000000	0.04	0.00
20	N	1	1	2248.00	F	25	7	52	6.1758	0.387100000000	0.09	0.00
21	N	1	1	0.00	F	25	7	52	0.0000	2000.000000000000	0.00	0.00
22	N	1	1	0.09	F	25	7	52	0.0002	2000.000000000000	0.09	0.00
23	N	1	1	314.00	F	25	7	52	0.8626	2.520000000000	0.40	0.00
24	N	1	1	0.00	F	25	7	52	0.0000	3.230000000000	0.00	0.00
25	N	1	1	0.00	F	25	7	52	0.0000	451.280000000000	0.00	0.00
26	N	1	1	113.00	F	25	7	52	0.3104	0.238000000000	0.01	0.00
27	N	1	1	31.00	F	25	7	52	0.0852	0.000000000000	0.00	0.00
28	N	1	1	17714.00	N	25	7	52	48.6648	0.673400000000	1.20	0.00
29	N	1	1	356.00	N	25	7	52	0.9780	45.160000000000	8.04	0.02
30	N	1	1	2248.00	F	25	7	52	6.1758	0.397400000000	0.13	0.00
31	N	1	1	3070.00	F	25	7	52	8.4341	0.540900000000	0.17	0.00
32	N	1	1	3070.00	F	25	7	52	8.4341	0.349000000000	0.11	0.00
33	N	1	1	201.00	F	25	7	52	0.5522	3.183700000000	0.32	0.00
34	N	1	1	16.00	F	25	7	52	0.0440	36.081900000000	0.29	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00004 MASAINAME=Aristech Acrylics LLC ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
35	VOC	2101500004	015	00004	F-1	3	30180007	1.000000000000	0.0	80	1.000000000000	N
36	VOC	2101500004	015	00004	F-1	4	30180006	1.000000000000	0.0	80	1.000000000000	N
37	VOC	2101500004	015	00004	F-1	5	30180002	1.000000000000	0.0	80	1.000000000000	N
38	VOC	2101500004	015	00004	F-1	6	30180003	1.000000000000	0.0	80	1.000000000000	N
39	VOC	2101500004	015	00004	F-1	7	30180007	1.000000000000	0.0	80	1.000000000000	N
40	VOC	2101500004	015	00004	F-1	8	30180008	1.000000000000	0.0	80	1.000000000000	N
41	VOC	2101500004	015	00004	F-1	9	30180006	1.000000000000	0.0	80	1.000000000000	N
42	VOC	2101500004	015	00004	F-2	1	30180003	1.000000000000	0.0	80	1.000000000000	N
43	VOC	2101500004	015	00004	F-2	2	30180008	1.000000000000	0.0	80	1.000000000000	N
44	VOC	2101500004	015	00004	F-2	3	30180007	1.000000000000	0.0	80	1.000000000000	N
45	VOC	2101500004	015	00004	F-2	4	30180002	1.000000000000	0.0	80	1.000000000000	N
46	VOC	2101500004	015	00004	F-2	5	30180006	1.000000000000	0.0	80	1.000000000000	N

MASAINAME												
PLANT_ID												

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
35	N	1	1	549.00	F	25	7	52	1.5082	1.562900000000	0.43	0.00
36	N	1	1	7.00	F	25	7	52	0.0192	28.942700000000	0.10	0.00
37	N	1	1	4.00	F	25	7	52	0.0110	2.527700000000	0.01	0.00
38	N	1	1	92.00	F	25	7	52	0.2527	3.183700000000	0.15	0.00
39	N	1	1	124.00	F	25	7	52	0.3407	1.562900000000	0.10	0.00
40	N	1	1	4.00	F	25	7	52	0.0110	36.081900000000	0.07	0.00
41	N	1	1	2.00	F	25	7	52	0.0055	28.942700000000	0.03	0.00
42	N	1	1	494.00	F	25	7	52	1.3571	3.183700000000	0.79	0.00
43	N	1	1	11.00	F	25	7	52	0.0302	36.081900000000	0.20	0.00
44	N	1	1	1344.00	F	25	7	52	3.6923	1.562900000000	1.05	0.00
45	N	1	1	93.00	F	25	7	52	0.2555	2.527700000000	0.12	0.00
46	N	1	1	0.00	F	25	7	52	0.0000	28.942700000000	0.00	0.00
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MASAINAME											16.26	0.04
PLANT_ID											16.26	0.04

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00010 MASAINAME=Greif Industrial Packaging & Services LLC ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
47	VOC	2101500010	015	00010	001	1	40202606	1.000000000000	0	80	1.000000000000	N
48	VOC	2101500010	015	00010	001	2	40202607	1.000000000000	0	80	1.000000000000	N
49	VOC	2101500010	015	00010	001	3	40201001	1.000000000000	0	80	1.000000000000	N
50	VOC	2101500010	015	00010	001	5	40201001	1.000000000000	0	80	1.000000000000	N
51	VOC	2101500010	015	00010	002	1	40202606	1.000000000000	0	80	1.000000000000	N
52	VOC	2101500010	015	00010	002	2	40201001	1.000000000000	0	80	1.000000000000	N
53	VOC	2101500010	015	00010	003	1	40202605	1.000000000000	0	80	1.000000000000	N
54	VOC	2101500010	015	00010	003	2	40202605	1.000000000000	0	80	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
47	N	1	1	13215.00	F	25	5	52	50.827	3.164870000000	20.91	0.08
48	N	1	1	58641.00	F	25	5	52	225.542	1.170630000000	34.32	0.13
49	N	1	1	15.89	F	25	5	52	0.061	5.500000000000	0.04	0.00
50	N	1	1	28.40	F	25	5	52	0.109	5.500000000000	0.08	0.00
51	N	1	1	9751.00	F	25	5	52	37.504	3.164870000000	15.43	0.06
52	N	1	1	3.85	F	25	5	52	0.015	5.500000000000	0.01	0.00
53	N	1	1	768.00	F	25	5	52	2.954	9.815442000000	3.77	0.01
54	N	1	1	5126.00	F	25	5	52	19.715	0.004680000000	0.01	0.00

MASAINAME
PLANT_ID

	74.58	0.29
	74.58	0.29

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00018 MASAINAME=DRS Environmental Systems Inc ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
55	VOC	2101500018	015	00018	11	1	10500106	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
55	N	1	1	9.80	N	25	7	52	0.02692	5.500000000000	0.03	0.00

ACTUAL POINT SOURCE EMISSIONS

CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA

BOONE, CAMPBELL, AND KENTON COUNTIES

VOC PROCESS LEVEL EMISSIONS

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00018 MASAINAME=DRS Environmental Systems Inc ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
56	VOC	2101500018	015	00018	11	2	10500106	1.000000000000	0	80	1.000000000000	N
57	VOC	2101500018	015	00018	12	1	40200110	1.000000000000	0	80	1.000000000000	N
58	VOC	2101500018	015	00018	13	2	20300101	1.000000000000	0	80	1.000000000000	N
59	VOC	2101500018	015	00018	13	3	20300101	1.000000000000	0	80	1.000000000000	N
60	VOC	2101500018	015	00018	14	1	20300101	1.000000000000	0	80	1.000000000000	N
61	VOC	2101500018	015	00018	EP 01	1	40200110	1.000000000000	0	80	1.000000000000	N
62	VOC	2101500018	015	00018	EP 01	2	40201001	1.000000000000	0	80	1.000000000000	N
63	VOC	2101500018	015	00018	EP 08	1	40200110	1.000000000000	0	80	1.000000000000	N
64	VOC	2101500018	015	00018	EP 08	2	40201001	1.000000000000	0	80	1.000000000000	N
65	VOC	2101500018	015	00018	EP 09	1	40200110	1.000000000000	0	80	1.000000000000	N
66	VOC	2101500018	015	00018	EP 09	2	40201001	1.000000000000	0	80	1.000000000000	N
67	VOC	2101500018	015	00018	EP 10	1	40200110	1.000000000000	0	80	1.000000000000	N
68	VOC	2101500018	015	00018	EP 10	2	40201001	1.000000000000	0	80	1.000000000000	N

MASAINAME

PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
56	N	1	1	1.22	N	25	7	52	0.00336	5.500000000000	0.00	0.00
57	N	1	1	0.00	N	25	5	50	0.00000	1.628850000000	0.00	0.00
58	N	1	1	0.00	N	25	7	52	0.00000	49.000000000000	0.00	0.00
59	N	1	1	0.39	N	25	7	52	0.00106	49.000000000000	0.01	0.00
60	N	1	1	3.57	N	25	7	52	0.00980	49.000000000000	0.09	0.00
61	N	1	1	1609.00	N	25	5	50	6.43600	4.575700000000	3.68	0.01
62	N	1	1	0.00	N	25	5	50	0.00000	5.500000000000	0.00	0.00
63	N	1	1	399.50	N	25	5	50	1.59800	4.575700000000	0.91	0.00
64	N	1	1	1.22	N	25	5	50	0.00490	5.500000000000	0.00	0.00
65	N	1	1	589.75	N	25	5	50	2.35900	4.575700000000	1.35	0.01
66	N	1	1	0.00	N	25	5	50	0.00000	5.500000000000	0.00	0.00
67	N	1	1	2489.25	N	25	5	50	9.95700	4.575700000000	5.70	0.02
68	N	1	1	0.00	N	25	5	50	0.00000	5.500000000000	0.00	0.00
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MASAINAME											11.77	0.05
PLANT_ID											11.77	0.05

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00019 MASAINAME=Duro Bag Manufacturing Co ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
69	VOC	2101500019	015	00019	001	1	40500301	1.000000000000	0	80	1.000000000000	N
70	VOC	2101500019	015	00019	001	2	39000699	1.000000000000	0	80	1.000000000000	N
71	VOC	2101500019	015	00019	IA1	1	39000699	1.000000000000	0	80	1.000000000000	N
72	VOC	2101500019	015	00019	IA2	1	10200603	1.000000000000	0	80	1.000000000000	N
73	VOC	2101500019	015	00019	IA4	1	40301099	1.000000000000	0	80	1.000000000000	N
74	VOC	2101500019	015	00019	RIA3	1	40100251	1.000000000000	0	80	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
69	N	1	1	606.00	N	25	7	52	1.66484	48.960000000000	14.83	0.04
70	N	1	1	7.78	N	25	7	52	0.02137	5.500000000000	0.02	0.00
71	N	1	1	1.89	N	25	7	24	0.01125	5.500000000000	0.01	0.00
72	N	1	1	1.89	N	25	7	52	0.00519	5.500000000000	0.01	0.00
73	N	1	1	62.00	N	28	7	49	0.20245	0.000100000000	0.00	0.00
74	N	1	1	0.00	N	25	7	52	0.00000	6.600000000000	0.00	0.00
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MASAINAME											14.87	0.04
PLANT_ID											14.87	0.04

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00025 MASAINAME=Crane Composites Inc ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
75	VOC	2101500025	015	00025	EP1	1	30899999	1.000000000000	96.6	80	0.227200000000	N
76	VOC	2101500025	015	00025	EP1	2	39000699	1.000000000000	96.6	80	0.227200000000	N
77	VOC	2101500025	015	00025	EP2	3	30800720	1.000000000000	99.0	80	0.208000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
75	N	1	1	8676.00	F	25	7	52	23.8352	33.720000000000	33.23	0.09
76	N	1	1	16.74	F	25	7	52	0.0460	5.500000000000	0.01	0.00
77	N	1	1	113.00	N	25	7	52	0.3104	4.000000000000	0.05	0.00

KENTUCKY 2011 OZONE PRECURSOR TEMPO EMISSIONS
ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
VOC PROCESS LEVEL EMISSIONS

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00025 MASAINAME=Crane Composites Inc ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
78	VOC	2101500025	015	00025	MALF	1	39999992	1.000000000000	0.0	80	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
78	N	1	1	24.50	N	25	7	52	0.0673	100.000000000000	1.23	0.00
											34.52	0.09
											34.52	0.09

MASAINAME
PLANT_ID

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00029 MASAINAME=Duke Energy KY East Bend ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
79	VOC	2101500029	015	00029	002	1	10100202	1.000000000000	0	80	1.000000000000	N
80	VOC	2101500029	015	00029	002	2	10100501	1.000000000000	0	80	1.000000000000	N
81	VOC	2101500029	015	00029	005	1	40399999	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
79	N	1	1	2037462.00	F	24	7	52	5373.53	0.060000000000	61.12	0.16
80	N	1	1	671.82	F	24	7	52	1.77	0.200000000000	0.07	0.00
81	N	1	1	746.84	F	25	7	52	2.05	0.057600000000	0.02	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00029 MASAINAME=Duke Energy KY East Bend ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
82	VOC	2101500029	015	00029	006	1	40399999	1.000000000000	0	80	1.000000000000	N
83	VOC	2101500029	015	00029	013	1	39999995	1.000000000000	0	80	1.000000000000	N
84	VOC	2101500029	015	00029	015	7	30501099	1.000000000000	0	80	1.000000000000	N
85	VOC	2101500029	015	00029	015	15	42500301	1.000000000000	0	80	1.000000000000	N
86	VOC	2101500029	015	00029	015	16	42500301	1.000000000000	0	80	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
82	N	1	1	7.26	F	25	7	52	0.02	6.240000000000	0.02	0.00
83	N	1	1	338.00	F	22	1	12	24.79	0.014000000000	0.00	0.00
84	N	1	1	0.00	F	0	1	1	0.00	0.001449000000	0.00	0.00
85	N	1	1	0.00	F	0	1	1	0.00	0.333900000000	0.00	0.00
86	N	1	1	0.00	F	0	1	1	0.00	0.333900000000	0.00	0.00

MASAINAME
PLANT_ID

61.24	0.16
61.24	0.16

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00069 MASAINAME=Camco Chemical Co Inc ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
87	VOC	2101500069	015	00069	001	1	10200603	1.000000000000	0	80	1.000000000000	N
88	VOC	2101500069	015	00069	009	1	10200603	1.000000000000	0	80	1.000000000000	N
89	VOC	2101500069	015	00069	009	2	10200502	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
87	N	1	1	4.36	F	25	5	52	0.02	5.500000000000	0.01	0.00
88	N	1	1	6.54	F	25	5	52	0.03	5.500000000000	0.02	0.00
89	N	1	1	0.00	F	25	5	52	0.00	0.252000000000	0.00	0.00

KENTUCKY 2011 OZONE PRECURSOR TEMPO EMISSIONS
ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
VOC PROCESS LEVEL EMISSIONS

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00069 MASAINAME=Camco Chemical Co Inc ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
90	VOC	2101500069	015	00069	011	1	39999994	1.000000000000	99	80	0.208000000000	N
91	VOC	2101500069	015	00069	011	2	39999994	1.000000000000	99	80	0.208000000000	N
92	VOC	2101500069	015	00069	011	3	39999994	1.000000000000	99	80	0.208000000000	N
93	VOC	2101500069	015	00069	011	4	39999994	1.000000000000	99	80	0.208000000000	N
94	VOC	2101500069	015	00069	011	5	39999994	1.000000000000	99	80	0.208000000000	N
95	VOC	2101500069	015	00069	011	6	39999994	1.000000000000	99	80	0.208000000000	N
96	VOC	2101500069	015	00069	011	7	39999994	1.000000000000	99	80	0.208000000000	N
97	VOC	2101500069	015	00069	011	8	39999994	1.000000000000	99	80	0.208000000000	N
98	VOC	2101500069	015	00069	011	9	39999994	1.000000000000	99	80	0.208000000000	N
99	VOC	2101500069	015	00069	011	10	39999994	1.000000000000	99	80	0.208000000000	N
100	VOC	2101500069	015	00069	011	11	39999994	1.000000000000	99	80	0.208000000000	N
101	VOC	2101500069	015	00069	011	12	39999994	1.000000000000	99	80	0.208000000000	N
102	VOC	2101500069	015	00069	011	13	39999994	1.000000000000	99	80	0.208000000000	N
103	VOC	2101500069	015	00069	011	14	39999994	1.000000000000	99	80	0.208000000000	N
104	VOC	2101500069	015	00069	011	15	39999994	1.000000000000	99	80	0.208000000000	N
105	VOC	2101500069	015	00069	011	16	39999994	1.000000000000	99	80	0.208000000000	N
106	VOC	2101500069	015	00069	011	17	39999994	1.000000000000	99	80	0.208000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
90	N	1	1	100568	F	25	7	52	276.29	0.200000000000	2.09	0.01
91	N	1	1	84891	F	25	7	52	233.22	0.200000000000	1.77	0.00
92	N	1	1	49717	F	25	7	52	136.59	0.050000000000	0.26	0.00
93	N	1	1	69947	F	25	7	52	192.16	0.650000000000	4.73	0.01
94	N	1	1	0	F	25	7	52	0.00	0.913000000000	0.00	0.00
95	N	1	1	0	F	25	7	52	0.00	0.100000000000	0.00	0.00
96	N	1	1	0	F	25	7	52	0.00	0.100000000000	0.00	0.00
97	N	1	1	258234	F	25	7	52	709.43	0.050000000000	1.34	0.00
98	N	1	1	0	F	25	7	52	0.00	0.100000000000	0.00	0.00
99	N	1	1	52108	F	25	7	52	143.15	0.180000000000	0.98	0.00
100	N	1	1	3977	F	25	7	52	10.93	0.100000000000	0.04	0.00
101	N	1	1	3943	F	25	7	52	10.83	0.400000000000	0.16	0.00
102	N	1	1	7968	F	25	7	52	21.89	0.100000000000	0.08	0.00
103	N	1	1	1102	F	25	7	52	3.03	0.100000000000	0.01	0.00
104	N	1	1	61474	F	25	7	52	168.88	0.050000000000	0.32	0.00
105	N	1	1	9301	F	25	7	52	25.55	1.000000000000	0.97	0.00
106	N	1	1	13698	F	25	7	52	37.63	0.100000000000	0.14	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00069 MASAINAME=Camco Chemical Co Inc ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
107	VOC	2101500069	015	00069	011	18	39999994	1.000000000000	99	80	0.208000000000	N
108	VOC	2101500069	015	00069	011	19	39999994	1.000000000000	99	80	0.208000000000	N
109	VOC	2101500069	015	00069	011	20	39999994	1.000000000000	99	80	0.208000000000	N
110	VOC	2101500069	015	00069	011	21	39999994	1.000000000000	99	80	0.208000000000	N
111	VOC	2101500069	015	00069	011	22	39999994	1.000000000000	99	80	0.208000000000	N
112	VOC	2101500069	015	00069	011	23	39999994	1.000000000000	99	80	0.208000000000	N
113	VOC	2101500069	015	00069	011	24	39999994	1.000000000000	99	80	0.208000000000	N
114	VOC	2101500069	015	00069	011	25	39999994	1.000000000000	99	80	0.208000000000	N
115	VOC	2101500069	015	00069	011	26	39999994	1.000000000000	99	80	0.208000000000	N
116	VOC	2101500069	015	00069	011	27	39999994	1.000000000000	99	80	0.208000000000	N
117	VOC	2101500069	015	00069	011	28	39999994	1.000000000000	99	80	0.208000000000	N
118	VOC	2101500069	015	00069	011	29	39999994	1.000000000000	99	80	0.208000000000	N
119	VOC	2101500069	015	00069	011	30	39999994	1.000000000000	99	80	0.208000000000	N
120	VOC	2101500069	015	00069	011	31	39999994	1.000000000000	99	80	0.208000000000	N
121	VOC	2101500069	015	00069	011	32	39999994	1.000000000000	99	80	0.208000000000	N
122	VOC	2101500069	015	00069	011	33	39999994	1.000000000000	99	80	0.208000000000	N
123	VOC	2101500069	015	00069	011	34	39999994	1.000000000000	99	80	0.208000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
107	N	1	1	50600	F	25	7	52	139.01	0.450000000000	2.37	0.01
108	N	1	1	1266	F	25	7	52	3.48	0.950000000000	0.13	0.00
109	N	1	1	0	F	25	7	52	0.00	0.350000000000	0.00	0.00
110	N	1	1	3856	F	25	7	52	10.59	0.150000000000	0.06	0.00
111	N	1	1	0	F	25	7	52	0.00	0.150000000000	0.00	0.00
112	N	1	1	3915	F	25	7	52	10.76	0.050000000000	0.02	0.00
113	N	1	1	0	F	25	7	52	0.00	1.000000000000	0.00	0.00
114	N	1	1	21291	F	25	7	52	58.49	0.100000000000	0.22	0.00
115	N	1	1	4963	F	25	7	52	13.63	0.560000000000	0.29	0.00
116	N	1	1	1413040	F	25	7	52	3881.98	0.290000000000	42.62	0.12
117	N	1	1	23744	F	25	7	52	65.23	0.400000000000	0.99	0.00
118	N	1	1	0	F	25	7	52	0.00	0.700000000000	0.00	0.00
119	N	1	1	2080543	F	25	7	52	5715.78	0.050000000000	10.82	0.03
120	N	1	1	0	F	25	7	52	0.00	0.250000000000	0.00	0.00
121	N	1	1	0	F	25	7	52	0.00	0.590000000000	0.00	0.00
122	N	1	1	0	F	25	7	52	0.00	0.100000000000	0.00	0.00
123	N	1	1	21587	F	25	7	52	59.30	0.650000000000	1.46	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00069 MASAINAME=Camco Chemical Co Inc ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
124	VOC	2101500069	015	00069	011	35	39999994	1.000000000000	99	80	0.208000000000	N
125	VOC	2101500069	015	00069	011	36	39999994	1.000000000000	99	80	0.208000000000	N
126	VOC	2101500069	015	00069	011	37	39999994	1.000000000000	99	80	0.208000000000	N
127	VOC	2101500069	015	00069	011	38	39999994	1.000000000000	99	80	0.208000000000	N
128	VOC	2101500069	015	00069	011	39	39999994	1.000000000000	99	80	0.208000000000	N
129	VOC	2101500069	015	00069	011	40	39999994	1.000000000000	99	80	0.208000000000	N
130	VOC	2101500069	015	00069	011	41	39999994	1.000000000000	99	80	0.208000000000	N
131	VOC	2101500069	015	00069	011	42	39999994	1.000000000000	99	80	0.208000000000	N
132	VOC	2101500069	015	00069	011	43	39999994	1.000000000000	99	80	0.208000000000	N
133	VOC	2101500069	015	00069	011	44	39999994	1.000000000000	99	80	0.208000000000	N
134	VOC	2101500069	015	00069	011	45	39999994	1.000000000000	99	80	0.208000000000	N
135	VOC	2101500069	015	00069	011	46	39999994	1.000000000000	99	80	0.208000000000	N
136	VOC	2101500069	015	00069	011	47	39999994	1.000000000000	99	80	0.208000000000	N
137	VOC	2101500069	015	00069	011	48	39999994	1.000000000000	99	80	0.208000000000	N
138	VOC	2101500069	015	00069	011	49	39999994	1.000000000000	99	80	0.208000000000	N
139	VOC	2101500069	015	00069	011	50	39999994	1.000000000000	99	80	0.208000000000	N
140	VOC	2101500069	015	00069	011	51	39999994	1.000000000000	99	80	0.208000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
124	N	1	1	68634	F	25	7	52	188.55	0.200000000000	1.43	0.00
125	N	1	1	151074	F	25	7	52	415.04	0.300000000000	4.71	0.01
126	N	1	1	216133	F	25	7	52	593.77	0.780000000000	17.53	0.05
127	N	1	1	958785	F	25	7	52	2634.02	0.600000000000	59.83	0.16
128	N	1	1	0	F	25	7	52	0.00	0.600000000000	0.00	0.00
129	N	1	1	256872	F	25	7	52	705.69	0.020000000000	0.53	0.00
130	N	1	1	327752	F	25	7	52	900.42	0.010000000000	0.34	0.00
131	N	1	1	466611	F	25	7	52	1281.90	0.020000000000	0.97	0.00
132	N	1	1	0	F	25	7	52	0.00	0.297900000000	0.00	0.00
133	N	1	1	885040	F	25	7	52	2431.43	0.702300000000	64.64	0.18
134	N	1	1	661099	F	25	7	52	1816.21	0.040000000000	2.75	0.01
135	N	1	1	309483	F	25	7	52	850.23	0.110000000000	3.54	0.01
136	N	1	1	268071	F	25	7	52	736.46	0.110000000000	3.07	0.01
137	N	1	1	247435	F	25	7	52	679.77	0.160000000000	4.12	0.01
138	N	1	1	247843	F	25	7	52	680.89	0.020000000000	0.52	0.00
139	N	1	1	265111	F	25	7	52	728.33	0.040000000000	1.10	0.00
140	N	1	1	339620	F	25	7	52	933.02	0.040000000000	1.41	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00069 MASAINAME=Camco Chemical Co Inc ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
141	VOC	2101500069	015	00069	011	52	39999994	1.000000000000	99	80	0.208000000000	N
142	VOC	2101500069	015	00069	011	53	39999994	1.000000000000	99	80	0.208000000000	N
143	VOC	2101500069	015	00069	011	54	39999994	1.000000000000	99	80	0.208000000000	N
144	VOC	2101500069	015	00069	011	55	39999994	1.000000000000	99	80	0.208000000000	N
145	VOC	2101500069	015	00069	011	56	39999994	1.000000000000	99	80	0.208000000000	N
146	VOC	2101500069	015	00069	011	57	39999994	1.000000000000	99	80	0.208000000000	N
147	VOC	2101500069	015	00069	011	58	39999994	1.000000000000	99	80	0.208000000000	N
148	VOC	2101500069	015	00069	011	59	39999994	1.000000000000	99	80	0.208000000000	N
149	VOC	2101500069	015	00069	011	60	39999994	1.000000000000	99	80	0.208000000000	N
150	VOC	2101500069	015	00069	011	61	39999994	1.000000000000	99	80	0.208000000000	N
151	VOC	2101500069	015	00069	011	62	39999994	1.000000000000	99	80	0.208000000000	N
152	VOC	2101500069	015	00069	011	63	39999994	1.000000000000	99	80	0.208000000000	N
153	VOC	2101500069	015	00069	011	64	39999994	1.000000000000	99	80	0.208000000000	N
154	VOC	2101500069	015	00069	011	65	39999994	1.000000000000	99	80	0.208000000000	N
155	VOC	2101500069	015	00069	011	66	39999994	1.000000000000	99	80	0.208000000000	N
156	VOC	2101500069	015	00069	011	67	39999994	1.000000000000	99	80	0.208000000000	N
157	VOC	2101500069	015	00069	011	68	39999994	1.000000000000	99	80	0.208000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
141	N	1	1	357382	F	25	7	52	981.82	0.040000000000	1.49	0.00
142	N	1	1	0	F	25	7	52	0.00	0.040000000000	0.00	0.00
143	N	1	1	341415	F	25	7	52	937.95	0.030000000000	1.07	0.00
144	N	1	1	0	F	25	7	52	0.00	0.050000000000	0.00	0.00
145	N	1	1	93465	F	25	7	52	256.77	0.170000000000	1.65	0.00
146	N	1	1	0	F	25	7	52	0.00	0.020000000000	0.00	0.00
147	N	1	1	1154810	F	25	7	52	3172.55	0.060000000000	7.21	0.02
148	N	1	1	0	F	25	7	52	0.00	0.020000000000	0.00	0.00
149	N	1	1	0	F	25	7	52	0.00	0.260000000000	0.00	0.00
150	N	1	1	99583	F	25	7	52	273.58	0.260000000000	2.69	0.01
151	N	1	1	0	F	25	7	52	0.00	0.030000000000	0.00	0.00
152	N	1	1	34977	F	25	7	52	96.09	0.050000000000	0.18	0.00
153	N	1	1	644163	F	25	7	52	1769.68	0.060000000000	4.02	0.01
154	N	1	1	604045	F	25	7	52	1659.46	0.600000000000	37.69	0.10
155	N	1	1	41313	F	25	7	52	113.50	0.080000000000	0.34	0.00
156	N	1	1	0	F	25	7	52	0.00	0.260000000000	0.00	0.00
157	N	1	1	0	F	25	7	52	0.00	0.360000000000	0.00	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00069 MASAINAME=Camco Chemical Co Inc ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
158	VOC	2101500069	015	00069	011	69	39999994	1.000000000000	99	80	0.208000000000	N
159	VOC	2101500069	015	00069	011	70	39999994	1.000000000000	99	80	0.208000000000	N
160	VOC	2101500069	015	00069	011	71	39999994	1.000000000000	99	80	0.208000000000	N
161	VOC	2101500069	015	00069	011	72	39999994	1.000000000000	99	80	0.208000000000	N
162	VOC	2101500069	015	00069	011	73	39999994	1.000000000000	99	80	0.208000000000	N
163	VOC	2101500069	015	00069	011	74	39999994	1.000000000000	99	80	0.208000000000	N
164	VOC	2101500069	015	00069	011	75	39999994	1.000000000000	99	80	0.208000000000	N
165	VOC	2101500069	015	00069	011	76	39999994	1.000000000000	99	80	0.208000000000	N
166	VOC	2101500069	015	00069	011	77	39999994	1.000000000000	99	80	0.208000000000	N
167	VOC	2101500069	015	00069	011	78	39999994	1.000000000000	99	80	0.208000000000	N
168	VOC	2101500069	015	00069	011	79	39999994	1.000000000000	99	80	0.208000000000	N
169	VOC	2101500069	015	00069	011	80	39999994	1.000000000000	99	80	0.208000000000	N
170	VOC	2101500069	015	00069	011	81	39999994	1.000000000000	99	80	0.208000000000	N
171	VOC	2101500069	015	00069	011	82	39999994	1.000000000000	99	80	0.208000000000	N
172	VOC	2101500069	015	00069	011	83	39999994	1.000000000000	99	80	0.208000000000	N
173	VOC	2101500069	015	00069	011	84	39999994	1.000000000000	99	80	0.208000000000	N
174	VOC	2101500069	015	00069	011	85	39999994	1.000000000000	99	80	0.208000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
158	N	1	1	34056	F	25	7	52	93.56	0.250000000000	0.89	0.00
159	N	1	1	27250	F	25	7	52	74.86	0.100000000000	0.28	0.00
160	N	1	1	0	F	25	7	52	0.00	0.050000000000	0.00	0.00
161	N	1	1	154264	F	25	7	52	423.80	0.080000000000	1.28	0.00
162	N	1	1	0	F	25	7	52	0.00	0.010000000000	0.00	0.00
163	N	1	1	59668	F	25	7	52	163.92	0.050000000000	0.31	0.00
164	N	1	1	106053	F	25	7	52	291.35	0.050000000000	0.55	0.00
165	N	1	1	653	F	25	7	52	1.79	0.050000000000	0.00	0.00
166	N	1	1	678042	F	25	7	52	1862.75	0.030000000000	2.12	0.01
167	N	1	1	0	F	25	7	52	0.00	0.060000000000	0.00	0.00
168	N	1	1	76312	F	25	7	52	209.65	0.030000000000	0.24	0.00
169	N	1	1	0	F	25	7	52	0.00	0.170000000000	0.00	0.00
170	N	1	1	0	F	25	7	52	0.00	0.100000000000	0.00	0.00
171	N	1	1	0	F	25	7	52	0.00	0.100000000000	0.00	0.00
172	N	1	1	17640	F	25	7	52	48.46	0.230000000000	0.42	0.00
173	N	1	1	106053	F	25	7	52	291.35	0.060000000000	0.66	0.00
174	N	1	1	0	F	25	7	52	0.00	0.090000000000	0.00	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00069 MASAINAME=Camco Chemical Co Inc ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day

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MASAINAME
PLANT_ID

											301.48	0.83
											301.48	0.83

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00077 MASAINAME=Southern Graphic Systems LLC ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
175	VOC	2101500077	015	00077	003	2	39999994	1.000000000000	0	80	1.000000000000	N
176	VOC	2101500077	015	00077	003	3	39999994	1.000000000000	0	80	1.000000000000	N
177	VOC	2101500077	015	00077	006	1	39999994	1.000000000000	0	80	1.000000000000	N
178	VOC	2101500077	015	00077	006	2	39999994	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
175	N	1	1	485.00	F	23	7	52	1.2258	1.000000000000	0.24	0.00
176	N	1	1	5000.00	F	23	7	52	12.6374	1.000000000000	2.50	0.01
177	N	1	1	1636.00	F	21	7	52	3.7754	1.000000000000	0.82	0.00
178	N	1	1	414.00	F	21	7	52	0.9554	0.720800000000	0.15	0.00

ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
VOC PROCESS LEVEL EMISSIONS

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00077 MASAINAME=Southern Graphic Systems LLC ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
179	VOC	2101500077	015	00077	006	3	39999994	1.000000000000	0	80	1.000000000000	N
180	VOC	2101500077	015	00077	006	4	39999994	1.000000000000	0	80	1.000000000000	N
181	VOC	2101500077	015	00077	014	2	39999994	1.000000000000	0	80	1.000000000000	N
182	VOC	2101500077	015	00077	014	3	39999994	1.000000000000	0	80	1.000000000000	N
183	VOC	2101500077	015	00077	014	4	39999994	1.000000000000	0	80	1.000000000000	N
184	VOC	2101500077	015	00077	014	5	39999994	1.000000000000	0	80	1.000000000000	N
185	VOC	2101500077	015	00077	027	2	39999994	1.000000000000	0	80	1.000000000000	N
186	VOC	2101500077	015	00077	027	3	39999994	1.000000000000	0	80	1.000000000000	N
187	VOC	2101500077	015	00077	027	4	39999994	1.000000000000	0	80	1.000000000000	N
188	VOC	2101500077	015	00077	IA02	1	39999992	1.000000000000	0	80	1.000000000000	N
189	VOC	2101500077	015	00077	IA02	2	39999992	1.000000000000	0	80	1.000000000000	N
190	VOC	2101500077	015	00077	IA04	2	39999994	1.000000000000	0	80	1.000000000000	N
191	VOC	2101500077	015	00077	IA06	1	10200603	1.000000000000	0	80	1.000000000000	N
192	VOC	2101500077	015	00077	IA07	1	10200603	1.000000000000	0	80	1.000000000000	N
193	VOC	2101500077	015	00077	IA14	1	10200603	1.000000000000	0	80	1.000000000000	N
194	VOC	2101500077	015	00077	R001E	1	10200603	1.000000000000	0	80	1.000000000000	N
195	VOC	2101500077	015	00077	R001F	1	10200603	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
179	N	1	1	312.00	F	21	7	52	0.7200	1.000000000000	0.16	0.00
180	N	1	1	900.00	F	21	7	52	2.0769	0.738700000000	0.33	0.00
181	N	1	1	710.00	F	13	7	52	1.0143	1.000000000000	0.36	0.00
182	N	1	1	625.00	F	13	7	52	0.8929	1.000000000000	0.31	0.00
183	N	1	1	36207.00	F	13	7	52	51.7243	1.000000000000	18.10	0.03
184	N	1	1	2.00	F	13	7	52	0.0029	1.000000000000	0.00	0.00
185	N	1	1	0.00	N	26	7	52	0.0000	1.000000000000	0.00	0.00
186	N	1	1	44.00	N	26	7	52	0.1257	0.850000000000	0.02	0.00
187	N	1	1	452.00	N	26	7	52	1.2914	0.100000000000	0.02	0.00
188	N	1	1	826.00	F	33	7	52	2.9954	0.581000000000	0.24	0.00
189	N	1	1	77.00	F	33	7	52	0.2792	0.581000000000	0.02	0.00
190	N	1	1	1706.00	F	26	7	52	4.8743	1.000000000000	0.85	0.00
191	N	1	1	0.33	F	1	7	52	0.0000	5.500000000000	0.00	0.00
192	N	1	1	0.08	F	1	7	52	0.0000	5.500000000000	0.00	0.00
193	N	1	1	1.51	F	1	7	52	0.0002	5.500000000000	0.00	0.00
194	N	1	1	0.00	F	0	7	52	0.0000	5.500000000000	0.00	0.00
195	N	1	1	0.00	F	0	7	52	0.0000	5.500000000000	0.00	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00077 MASAINAME=Southern Graphic Systems LLC ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
196	VOC	2101500077	015	00077	R020	2	39999994	1.000000000000	0	80	1.000000000000	N
197	VOC	2101500077	015	00077	R020	3	39999994	1.000000000000	0	80	1.000000000000	N
198	VOC	2101500077	015	00077	R020	4	39999994	1.000000000000	0	80	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
196	N	1	1	0.00	F	0	7	52	0.0000	0.990000000000	0.00	0.00
197	N	1	1	0.00	F	0	7	52	0.0000	1.000000000000	0.00	0.00
198	N	1	1	0.00	F	0	7	52	0.0000	1.000000000000	0.00	0.00
											---	---
MASAINAME											24.13	0.04
PLANT_ID											24.13	0.04

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00082 MASAINAME=R R Donnelley - Florence Facility ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
199	VOC	2101500082	015	00082	004	1	39999999	1.000000000000	0	80	1.000000000000	N
200	VOC	2101500082	015	00082	004	2	39999995	1.000000000000	0	80	1.000000000000	N
201	VOC	2101500082	015	00082	004	3	39999995	1.000000000000	0	80	1.000000000000	N
202	VOC	2101500082	015	00082	004	4	39000699	1.000000000000	0	80	1.000000000000	N
203	VOC	2101500082	015	00082	006	1	39999999	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
199	N	1	1	69.20	F	25	5	52	0.26615	506.889000000000	17.54	0.07
200	N	1	1	1805.00	F	25	5	52	6.94231	1.105610000000	1.00	0.00
201	N	1	1	789.00	F	25	5	52	3.03462	2.469203000000	0.97	0.00
202	N	1	1	5.17	F	25	5	52	0.01988	5.500000000000	0.01	0.00
203	N	1	1	69.70	F	25	7	52	0.19148	506.889000000000	17.67	0.05

KENTUCKY 2011 OZONE PRECURSOR TEMPO EMISSIONS
ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
VOC PROCESS LEVEL EMISSIONS

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00082 MASAINAME=R R Donnelley - Florence Facility ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
204	VOC	2101500082	015	00082	006	2	39999995	1.000000000000	0	80	1.000000000000	N
205	VOC	2101500082	015	00082	006	3	39999995	1.000000000000	0	80	1.000000000000	N
206	VOC	2101500082	015	00082	006	4	39999995	1.000000000000	0	80	1.000000000000	N
207	VOC	2101500082	015	00082	006	5	39000699	1.000000000000	0	80	1.000000000000	N
208	VOC	2101500082	015	00082	009	1	39999999	1.000000000000	0	80	1.000000000000	N
209	VOC	2101500082	015	00082	009	2	39999995	1.000000000000	0	80	1.000000000000	N
210	VOC	2101500082	015	00082	009	3	39999995	1.000000000000	0	80	1.000000000000	N
211	VOC	2101500082	015	00082	011	1	39999999	1.000000000000	0	80	1.000000000000	N
212	VOC	2101500082	015	00082	011	2	39999995	1.000000000000	0	80	1.000000000000	N
213	VOC	2101500082	015	00082	011	3	39999995	1.000000000000	0	80	1.000000000000	N
214	VOC	2101500082	015	00082	012	1	39999999	1.000000000000	0	80	1.000000000000	N
215	VOC	2101500082	015	00082	012	2	39999995	1.000000000000	0	80	1.000000000000	N
216	VOC	2101500082	015	00082	012	3	39999995	1.000000000000	0	80	1.000000000000	N
217	VOC	2101500082	015	00082	012	4	39999995	1.000000000000	0	80	1.000000000000	N
218	VOC	2101500082	015	00082	012	5	39000699	1.000000000000	0	80	1.000000000000	N
219	VOC	2101500082	015	00082	013	1	39999999	1.000000000000	0	80	1.000000000000	N
220	VOC	2101500082	015	00082	013	2	39999995	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
204	N	1	1	1817.00	F	25	7	52	4.99176	1.105692000000	1.00	0.00
205	N	1	1	54.00	F	25	7	52	0.14835	2.469203000000	0.07	0.00
206	N	1	1	753.00	F	25	7	52	2.06868	2.469203000000	0.93	0.00
207	N	1	1	5.20	F	25	7	52	0.01429	5.500000000000	0.01	0.00
208	N	1	1	2.60	F	25	5	52	0.01000	13.591830000000	0.02	0.00
209	N	1	1	261.00	F	25	5	52	1.00385	2.706975000000	0.35	0.00
210	N	1	1	46.00	F	25	5	52	0.17692	4.491684000000	0.10	0.00
211	N	1	1	6.30	F	25	7	52	0.01731	13.591830000000	0.04	0.00
212	N	1	1	637.00	F	25	7	52	1.75000	2.706972000000	0.86	0.00
213	N	1	1	111.00	F	25	7	52	0.30495	4.491684000000	0.25	0.00
214	N	1	1	97.90	F	25	7	52	0.26896	506.889000000000	24.81	0.07
215	N	1	1	2554.00	F	25	7	52	7.01648	1.105610000000	1.41	0.00
216	N	1	1	76.00	F	25	7	52	0.20879	2.469203000000	0.09	0.00
217	N	1	1	1059.00	F	25	7	52	2.90934	2.469203000000	1.31	0.00
218	N	1	1	7.31	F	25	7	52	0.02008	5.500000000000	0.02	0.00
219	N	1	1	60.31	F	25	5	52	0.23196	506.889000000000	15.29	0.06
220	N	1	1	1596.00	F	25	5	52	6.13846	1.105692000000	0.88	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00082 MASAINAME=R R Donnelley - Florence Facility ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
221	VOC	2101500082	015	00082	013	3	39999995	1.000000000000	0	80	1.000000000000	N
222	VOC	2101500082	015	00082	013	4	39000699	1.000000000000	0	80	1.000000000000	N
223	VOC	2101500082	015	00082	014	1	39999999	1.000000000000	0	80	1.000000000000	N
224	VOC	2101500082	015	00082	014	2	39999999	1.000000000000	0	80	1.000000000000	N
225	VOC	2101500082	015	00082	014	3	40200410	1.000000000000	0	80	1.000000000000	N
226	VOC	2101500082	015	00082	014	4	40200410	1.000000000000	0	80	1.000000000000	N
227	VOC	2101500082	015	00082	014	6	39999999	1.000000000000	0	80	1.000000000000	N
228	VOC	2101500082	015	00082	015	1	39999999	1.000000000000	0	80	1.000000000000	N
229	VOC	2101500082	015	00082	015	2	39999995	1.000000000000	0	80	1.000000000000	N
230	VOC	2101500082	015	00082	015	3	39999995	1.000000000000	0	80	1.000000000000	N
231	VOC	2101500082	015	00082	015	4	39000699	1.000000000000	0	80	1.000000000000	N
232	VOC	2101500082	015	00082	C1	1	40290013	1.000000000000	0	80	1.000000000000	N
233	VOC	2101500082	015	00082	R002	1	39999999	1.000000000000	0	80	1.000000000000	N
234	VOC	2101500082	015	00082	R002	2	39999995	1.000000000000	0	80	1.000000000000	N
235	VOC	2101500082	015	00082	R002	3	39999995	1.000000000000	0	80	1.000000000000	N
236	VOC	2101500082	015	00082	R002	4	39000699	1.000000000000	0	80	1.000000000000	N
237	VOC	2101500082	015	00082	R008	1	39999999	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
221	N	1	1	644.00	F	25	5	52	2.47692	2.469203000000	0.80	0.00
222	N	1	1	4.31	F	25	5	52	0.01658	5.500000000000	0.01	0.00
223	N	1	1	73.40	F	25	7	52	0.20165	19.654860000000	0.72	0.00
224	N	1	1	0.00	F	25	7	52	0.00000	15.560000000000	0.00	0.00
225	N	1	1	685.00	F	25	7	52	1.88187	2.706217000000	0.93	0.00
226	N	1	1	1183.00	F	25	7	52	3.25000	4.491419000000	2.66	0.01
227	N	1	1	2.10	F	25	7	52	0.00577	100.040000000000	0.11	0.00
228	N	1	1	0.00	F	0	7	52	0.00000	506.889000000000	0.00	0.00
229	N	1	1	0.00	F	0	7	52	0.00000	1.105610000000	0.00	0.00
230	N	1	1	0.00	F	0	7	52	0.00000	2.469203000000	0.00	0.00
231	N	1	1	0.00	F	0	7	52	0.00000	5.500000000000	0.00	0.00
232	N	1	1	0.00	N	0	7	52	0.00000	5.500000000000	0.00	0.00
233	N	1	1	0.00	F	0	5	52	0.00000	506.889000000000	0.00	0.00
234	N	1	1	0.00	F	0	5	52	0.00000	1.105218000000	0.00	0.00
235	N	1	1	0.00	F	0	5	52	0.00000	2.469203000000	0.00	0.00
236	N	1	1	0.00	F	0	5	52	0.00000	5.500000000000	0.00	0.00
237	N	1	1	0.00	F	0	5	1	0.00000	13.591830000000	0.00	0.00

ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
VOC PROCESS LEVEL EMISSIONS

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00082 MASAINAME=R R Donnelley - Florence Facility ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
238	VOC	2101500082	015	00082	R008	2	39999995	1.000000000000	0	80	1.000000000000	N
239	VOC	2101500082	015	00082	R008	3	39999995	1.000000000000	0	80	1.000000000000	N
240	VOC	2101500082	015	00082	R010	1	39999999	1.000000000000	0	80	1.000000000000	N
241	VOC	2101500082	015	00082	R010	2	39999995	1.000000000000	0	80	1.000000000000	N
242	VOC	2101500082	015	00082	R010	3	39999995	1.000000000000	0	80	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
238	N	1	1	0.00	F	0	5	1	0.00000	2.706972000000	0.00	0.00
239	N	1	1	0.00	F	0	5	1	0.00000	4.491684000000	0.00	0.00
240	N	1	1	0.00	F	0	1	1	0.00000	13.591830000000	0.00	0.00
241	N	1	1	0.00	F	0	1	1	0.00000	2.706972000000	0.00	0.00
242	N	1	1	0.00	F	0	1	1	0.00000	4.491684000000	0.00	0.00
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MASAINAME											89.86	0.29
PLANT_ID											89.86	0.29

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00086 MASAINAME=Duro Bag Manufacturing Co ----------

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
243	VOC	2101500086	015	00086	001	1	10200603	1.000000000000	0	80	1.000000000000	N
244	VOC	2101500086	015	00086	002	1	39000699	1.000000000000	0	80	1.000000000000	N
245	VOC	2101500086	015	00086	002	2	39000699	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
243	N	1	1	13.2	F	25	7	52	0.036	5.500000000000	0.04	0.00
244	N	1	1	13.2	F	25	7	52	0.036	5.500000000000	0.04	0.00
245	N	1	1	13.2	F	25	7	52	0.036	5.500000000000	0.04	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00086 MASAINAME=Duro Bag Manufacturing Co ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
246	VOC	2101500086	015	00086	003	1	39000699	1.000000000000	0	80	1.000000000000	N
247	VOC	2101500086	015	00086	003	2	39000699	1.000000000000	0	80	1.000000000000	N
248	VOC	2101500086	015	00086	004	1	49099998	1.000000000000	0	80	1.000000000000	N
249	VOC	2101500086	015	00086	005	1	49099998	1.000000000000	0	80	1.000000000000	N
250	VOC	2101500086	015	00086	006	1	40500597	1.000000000000	0	80	1.000000000000	N
251	VOC	2101500086	015	00086	006	2	40500597	1.000000000000	0	80	1.000000000000	N
252	VOC	2101500086	015	00086	006	3	40500597	1.000000000000	0	80	1.000000000000	N
253	VOC	2101500086	015	00086	006	4	40500597	1.000000000000	0	80	1.000000000000	N
254	VOC	2101500086	015	00086	006	5	40500597	1.000000000000	0	80	1.000000000000	N
255	VOC	2101500086	015	00086	006	6	40500597	1.000000000000	0	80	1.000000000000	N
256	VOC	2101500086	015	00086	006	7	40500597	1.000000000000	0	80	1.000000000000	N
257	VOC	2101500086	015	00086	006	8	40500597	1.000000000000	0	80	1.000000000000	N
258	VOC	2101500086	015	00086	007	1	40500597	1.000000000000	0	80	1.000000000000	N
259	VOC	2101500086	015	00086	007	2	40500597	1.000000000000	0	80	1.000000000000	N
260	VOC	2101500086	015	00086	007	3	40500597	1.000000000000	0	80	1.000000000000	N
261	VOC	2101500086	015	00086	007	5	40500597	1.000000000000	0	80	1.000000000000	N
262	VOC	2101500086	015	00086	007	6	40500597	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
246	N	1	1	13.2	F	25	7	52	0.036	5.500000000000	0.04	0.00
247	N	1	1	13.2	F	25	7	52	0.036	5.500000000000	0.04	0.00
248	N	1	1	0.0	F	25	7	52	0.000	6.600000000000	0.00	0.00
249	N	1	1	0.0	F	25	7	52	0.000	6.600000000000	0.00	0.00
250	N	1	1	64801.0	F	25	7	50	185.146	0.070000000000	2.27	0.01
251	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
252	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
253	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
254	N	1	1	64801.0	F	25	7	50	185.146	0.070000000000	2.27	0.01
255	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
256	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
257	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
258	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
259	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
260	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
261	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
262	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00

ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
VOC PROCESS LEVEL EMISSIONS

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00086 MASAINAME=Duro Bag Manufacturing Co ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
263	VOC	2101500086	015	00086	007	7	40500597	1.000000000000	0	80	1.000000000000	N
264	VOC	2101500086	015	00086	007	8	40500597	1.000000000000	0	80	1.000000000000	N
265	VOC	2101500086	015	00086	007	9	40500597	1.000000000000	0	80	1.000000000000	N
266	VOC	2101500086	015	00086	007	10	40500597	1.000000000000	0	80	1.000000000000	N
267	VOC	2101500086	015	00086	007	11	40500597	1.000000000000	0	80	1.000000000000	N
268	VOC	2101500086	015	00086	008	1	40500597	1.000000000000	0	80	1.000000000000	N
269	VOC	2101500086	015	00086	008	2	40500597	1.000000000000	0	80	1.000000000000	N
270	VOC	2101500086	015	00086	008	3	40500597	1.000000000000	0	80	1.000000000000	N
271	VOC	2101500086	015	00086	008	4	40500597	1.000000000000	0	80	1.000000000000	N
272	VOC	2101500086	015	00086	009	1	40500597	1.000000000000	0	80	1.000000000000	N
273	VOC	2101500086	015	00086	009	2	40500597	1.000000000000	0	80	1.000000000000	N
274	VOC	2101500086	015	00086	009	3	40500597	1.000000000000	0	80	1.000000000000	N
275	VOC	2101500086	015	00086	009	4	40500597	1.000000000000	0	80	1.000000000000	N
276	VOC	2101500086	015	00086	009	5	40500597	1.000000000000	0	80	1.000000000000	N
277	VOC	2101500086	015	00086	009	6	40500597	1.000000000000	0	80	1.000000000000	N
278	VOC	2101500086	015	00086	009	7	40500597	1.000000000000	0	80	1.000000000000	N
279	VOC	2101500086	015	00086	021	1	39999995	1.000000000000	99	80	0.208000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
263	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
264	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
265	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
266	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
267	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
268	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
269	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
270	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
271	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
272	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
273	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
274	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
275	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
276	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
277	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
278	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
279	N	1	1	0.0	N	25	7	52	0.000	7.260000000000	0.00	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00086 MASAINAME=Duro Bag Manufacturing Co ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
280	VOC	2101500086	015	00086	024	1	40200701	1.000000000000	0	80	1.000000000000	N
281	VOC	2101500086	015	00086	P08	1	40500597	1.000000000000	0	80	1.000000000000	N
282	VOC	2101500086	015	00086	P08	2	39000699	1.000000000000	0	80	1.000000000000	N
283	VOC	2101500086	015	00086	P08	3	39000699	1.000000000000	0	80	1.000000000000	N
284	VOC	2101500086	015	00086	P10	1	40500597	1.000000000000	0	80	1.000000000000	N
285	VOC	2101500086	015	00086	P10	3	39000699	1.000000000000	0	80	1.000000000000	N
286	VOC	2101500086	015	00086	P12	1	40500597	1.000000000000	0	80	1.000000000000	N
287	VOC	2101500086	015	00086	P14	1	40500597	1.000000000000	0	80	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
280	N	1	1	1977.0	F	25	7	50	5.649	2.307700000000	2.28	0.01
281	N	1	1	64801.0	F	0	1	1	0.000	0.026900000000	0.87	0.00
282	N	1	1	13.2	F	0	1	1	0.000	5.500000000000	0.04	0.00
283	N	1	1	13.2	F	0	1	1	0.000	5.500000000000	0.04	0.00
284	N	1	1	64801.0	F	0	1	1	0.000	0.026900000000	0.87	0.00
285	N	1	1	13.2	F	0	1	1	0.000	5.500000000000	0.04	0.00
286	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
287	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
											---	---
MASAINAME											34.13	0.09
PLANT_ID											34.13	0.09

KENTUCKY 2011 OZONE PRECURSOR TEMPO EMISSIONS
ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
VOC PROCESS LEVEL EMISSIONS

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00088 MASAINAME=The Hennegan Co ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
288	VOC	2101500088	015	00088	EP01	1	39999994	1.000000000000	98.20	80	0.214400000000	N
289	VOC	2101500088	015	00088	EP01	2	39999995	1.000000000000	39.28	80	0.685760000000	N
290	VOC	2101500088	015	00088	EP01	3	39999995	1.000000000000	0.00	80	1.000000000000	N
291	VOC	2101500088	015	00088	EP01	4	39999994	1.000000000000	0.00	80	1.000000000000	N
292	VOC	2101500088	015	00088	EP01	5	39000699	1.000000000000	0.00	80	1.000000000000	N
293	VOC	2101500088	015	00088	EP01	6	39000699	1.000000000000	0.00	80	1.000000000000	N
294	VOC	2101500088	015	00088	EP01	7	39999995	1.000000000000	68.74	80	0.450080000000	N
295	VOC	2101500088	015	00088	EP02	1	39999994	1.000000000000	0.00	80	1.000000000000	N
296	VOC	2101500088	015	00088	EP02	2	39999995	1.000000000000	0.00	80	1.000000000000	N
297	VOC	2101500088	015	00088	EP02	3	39999995	1.000000000000	0.00	80	1.000000000000	N
298	VOC	2101500088	015	00088	EP02	4	39999994	1.000000000000	0.00	80	1.000000000000	N
299	VOC	2101500088	015	00088	EP02	5	39999994	1.000000000000	0.00	80	1.000000000000	N
300	VOC	2101500088	015	00088	EP03	1	39999995	1.000000000000	0.00	80	1.000000000000	N
301	VOC	2101500088	015	00088	EP04	1	39999995	1.000000000000	0.00	80	1.000000000000	N
302	VOC	2101500088	015	00088	EP04	2	39999995	1.000000000000	0.00	80	1.000000000000	N
303	VOC	2101500088	015	00088	EP04	3	39999995	1.000000000000	0.00	80	1.000000000000	N
304	VOC	2101500088	015	00088	IA	1	39999999	1.000000000000	0.00	80	1.000000000000	N

MASAINAME

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
288	N	1	1	289647.00	N	25	7	52	795.734	0.226330000000	7.03	0.02
289	N	1	1	873.00	N	25	7	52	2.398	0.075460000000	0.02	0.00
290	N	1	1	3598.00	N	25	7	52	9.885	2.690380000000	4.84	0.01
291	N	1	1	7401.00	N	25	7	52	20.332	0.004400000000	0.02	0.00
292	N	1	1	0.21	N	25	7	52	0.001	5.500000000000	0.00	0.00
293	N	1	1	18.29	N	25	7	52	0.050	5.500000000000	0.05	0.00
294	N	1	1	2242.00	N	25	7	52	6.159	0.256830000000	0.13	0.00
295	N	1	1	39811.00	N	25	7	52	109.371	0.009550000000	0.19	0.00
296	N	1	1	7345.00	N	25	7	52	20.179	1.272090000000	4.67	0.01
297	N	1	1	866.00	N	25	7	52	2.379	3.117780000000	1.35	0.00
298	N	1	1	7601.00	N	25	7	52	20.882	0.002630000000	0.01	0.00
299	N	1	1	24450.00	N	25	7	52	67.170	0.040080000000	0.49	0.00
300	N	1	1	12.00	N	25	7	52	0.033	0.195700000000	0.00	0.00
301	N	1	1	39.60	N	25	7	52	0.109	0.003630000000	0.00	0.00
302	N	1	1	10.30	N	25	7	52	0.028	0.007700000000	0.00	0.00
303	N	1	1	2.00	N	25	7	52	0.005	6.547000000000	0.01	0.00
304	N	1	1	1.94	N	25	7	52	0.005	2000.000000000000	1.94	0.01
											---	---

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00088 MASAINAME=The Hennegan Co ----------

MASAINAME	20.75	0.06

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	SCC	INC	CTEFF	RE	CTEFFX	ASHF

PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
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PLANT_ID											20.75	0.06

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00102 MASAINAME=Sweco Inc ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	SCC	INC	CTEFF	RE	CTEFFX	ASHF
305	VOC	2101500102	015	00102	06	1	39999995	1.000000000000	0	80	1.000000000000	N
306	VOC	2101500102	015	00102	07	2	39999995	1.000000000000	0	80	1.000000000000	N
307	VOC	2101500102	015	00102	EP01	1	40200510	1.000000000000	0	80	1.000000000000	N
308	VOC	2101500102	015	00102	EP02	2	40200610	1.000000000000	0	80	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
305	N	1	1	5382	N	25	6	52	17.2500	2.620000000000	7.05	0.02
306	N	1	1	5382	N	25	6	52	17.2500	0.870000000000	2.34	0.01
307	N	1	1	2169	F	25	6	52	6.9519	4.620000000000	5.01	0.02
308	N	1	1	414	F	25	6	52	1.3269	4.620000000000	0.96	0.00
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MASAINAME											15.36	0.05
PLANT_ID											15.36	0.05

KENTUCKY 2011 OZONE PRECURSOR TEMPO EMISSIONS
ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
VOC PROCESS LEVEL EMISSIONS

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00114 MASAINAME=Continental Web Press Inc ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
309	VOC	2101500114	015	00114	002	1	39999999	1.000000000000	96.46	80	0.228320000000	N
310	VOC	2101500114	015	00114	002	2	39999995	1.000000000000	67.52	80	0.459840000000	N
311	VOC	2101500114	015	00114	002	3	39999995	1.000000000000	38.58	80	0.691360000000	N
312	VOC	2101500114	015	00114	002	4	39999995	1.000000000000	38.58	80	0.691360000000	N
313	VOC	2101500114	015	00114	002	6	39999994	1.000000000000	67.52	80	0.459840000000	N
314	VOC	2101500114	015	00114	002	7	39999995	1.000000000000	0.00	80	1.000000000000	N
315	VOC	2101500114	015	00114	002	8	10200603	1.000000000000	0.00	80	1.000000000000	N
316	VOC	2101500114	015	00114	003	1	39999999	1.000000000000	96.46	80	0.228320000000	N
317	VOC	2101500114	015	00114	003	2	39999995	1.000000000000	67.52	80	0.459840000000	N
318	VOC	2101500114	015	00114	003	3	39999995	1.000000000000	38.58	80	0.691360000000	N
319	VOC	2101500114	015	00114	003	4	39999995	1.000000000000	38.58	80	0.691360000000	N
320	VOC	2101500114	015	00114	003	7	39999995	1.000000000000	0.00	80	1.000000000000	N
321	VOC	2101500114	015	00114	003	8	10200603	1.000000000000	0.00	80	1.000000000000	N
322	VOC	2101500114	015	00114	004	1	10200603	1.000000000000	0.00	80	1.000000000000	N
323	VOC	2101500114	015	00114	005	1	39999999	1.000000000000	96.46	80	0.228320000000	N
324	VOC	2101500114	015	00114	005	2	39999995	1.000000000000	67.52	80	0.459840000000	N
325	VOC	2101500114	015	00114	005	3	39999995	1.000000000000	38.58	80	0.691360000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
309	N	1	1	13.28	F	26	7	52	0.03794	792.800000000000	1.20	0.00
310	N	1	1	1906.90	F	26	7	52	5.44829	3.550000000000	1.56	0.00
311	N	1	1	149.70	F	26	7	52	0.42771	6.250000000000	0.32	0.00
312	N	1	1	1465.00	F	26	7	52	4.18571	6.800000000000	3.44	0.01
313	N	1	1	385.00	F	26	7	52	1.10000	0.164900000000	0.01	0.00
314	N	1	1	59.10	F	26	7	52	0.16886	5.380000000000	0.16	0.00
315	N	1	1	2.00	F	26	7	52	0.00571	5.500000000000	0.01	0.00
316	N	1	1	12.42	F	25	7	52	0.03412	792.800000000000	1.12	0.00
317	N	1	1	1775.60	F	25	7	52	4.87802	3.550000000000	1.45	0.00
318	N	1	1	141.06	F	25	7	52	0.38753	6.250000000000	0.30	0.00
319	N	1	1	1508.40	F	25	7	52	4.14396	6.800000000000	3.55	0.01
320	N	1	1	18.10	F	25	7	52	0.04973	5.380000000000	0.05	0.00
321	N	1	1	6.65	F	25	7	52	0.01826	5.500000000000	0.02	0.00
322	N	1	1	10.17	F	25	7	52	0.02794	5.500000000000	0.03	0.00
323	N	1	1	16.08	F	19	7	52	0.03357	792.800000000000	1.46	0.00
324	N	1	1	2071.08	F	19	7	52	4.32423	3.550000000000	1.69	0.00
325	N	1	1	149.34	F	19	7	52	0.31181	6.250000000000	0.32	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00114 MASAINAME=Continental Web Press Inc ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
326	VOC	2101500114	015	00114	005	4	39999995	1.000000000000	38.58	80	0.691360000000	N
327	VOC	2101500114	015	00114	005	7	39999995	1.000000000000	0.00	80	1.000000000000	N
328	VOC	2101500114	015	00114	005	8	10200603	1.000000000000	0.00	80	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
326	N	1	1	1311.60	F	19	7	52	2.73851	6.800000000000	3.08	0.01
327	N	1	1	18.96	F	19	7	52	0.03959	5.380000000000	0.05	0.00
328	N	1	1	6.37	F	19	7	52	0.01331	5.500000000000	0.02	0.00
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MASAINAME											19.84	0.05
PLANT_ID											19.84	0.05

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00120 MASAINAME=Schwan's Global Supply Chain LLC ----------

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
329	VOC	2101500120	015	00120	EU01	1	10200602	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
329	N	1	1	0.95	F	25	5	5	0.0380	5.500000000000	0.00	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00120 MASAINAME=Schwan's Global Supply Chain LLC ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
330	VOC	2101500120	015	00120	EU02	1	30203202	1.000000000000	0	80	1.000000000000	N
331	VOC	2101500120	015	00120	EU02	2	10200603	1.000000000000	0	80	1.000000000000	N
332	VOC	2101500120	015	00120	EU03	1	30203202	1.000000000000	0	80	1.000000000000	N
333	VOC	2101500120	015	00120	EU03	2	10200603	1.000000000000	0	80	1.000000000000	N
334	VOC	2101500120	015	00120	EU04	1	10200602	1.000000000000	0	80	1.000000000000	N
335	VOC	2101500120	015	00120	EU05	1	10200603	1.000000000000	0	80	1.000000000000	N
336	VOC	2101500120	015	00120	EU05	2	30203202	1.000000000000	95	80	0.240000000000	N
337	VOC	2101500120	015	00120	EU05	3	10200603	1.000000000000	95	80	0.240000000000	N
338	VOC	2101500120	015	00120	EU06	1	39000699	1.000000000000	0	80	1.000000000000	N
339	VOC	2101500120	015	00120	EU07	1	20200253	1.000000000000	0	80	1.000000000000	N
340	VOC	2101500120	015	00120	EU08	1	20200253	1.000000000000	0	80	1.000000000000	N
341	VOC	2101500120	015	00120	EU09	1	10200603	1.000000000000	0	80	1.000000000000	N
342	VOC	2101500120	015	00120	IA01	1	10200603	1.000000000000	0	80	1.000000000000	N
343	VOC	2101500120	015	00120	IA02	1	10200603	1.000000000000	0	80	1.000000000000	N
344	VOC	2101500120	015	00120	IA03	1	20201001	1.000000000000	0	80	1.000000000000	N
345	VOC	2101500120	015	00120	IA04	1	20201001	1.000000000000	0	80	1.000000000000	N
346	VOC	2101500120	015	00120	IA05	1	10200603	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
330	N	1	1	4369.76	F	25	5	50	17.4790	6.750000000000	14.75	0.06
331	N	1	1	11.32	F	25	5	50	0.0453	5.500000000000	0.03	0.00
332	N	1	1	11248.87	F	25	5	50	44.9955	6.750000000000	37.96	0.15
333	N	1	1	13.59	F	25	5	50	0.0544	5.500000000000	0.04	0.00
334	N	1	1	18.80	N	25	6	35	0.0895	5.500000000000	0.05	0.00
335	N	1	1	9.06	N	25	5	52	0.0348	5.500000000000	0.02	0.00
336	N	1	1	10916.50	N	25	5	52	41.9865	5.950000000000	7.79	0.03
337	N	1	1	1.70	N	25	5	52	0.0065	5.500000000000	0.00	0.00
338	N	1	1	13.59	N	25	5	24	0.1133	5.500000000000	0.04	0.00
339	N	1	1	0.29	N	25	1	12	0.0242	29.600000000000	0.00	0.00
340	N	1	1	0.30	N	25	1	12	0.0250	29.600000000000	0.00	0.00
341	N	1	1	6.79	F	25	5	50	0.0272	5.500000000000	0.02	0.00
342	N	1	1	20.28	N	25	5	50	0.0811	5.500000000000	0.06	0.00
343	N	1	1	8.16	N	25	5	50	0.0326	5.500000000000	0.02	0.00
344	N	1	1	1.70	F	25	5	26	0.0130	10.980000000000	0.01	0.00
345	N	1	1	1.70	F	25	5	26	0.0130	10.980000000000	0.01	0.00
346	N	1	1	12.68	F	25	5	50	0.0507	5.500000000000	0.03	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00120 MASAINAME=Schwan's Global Supply Chain LLC ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
347	VOC	2101500120	015	00120	IA06	1	10200603	1.000000000000	0	80	1.000000000000	N
348	VOC	2101500120	015	00120	R-EQ01	1	10200603	1.000000000000	0	80	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
347	N	1	1	0.00	F	25	1	1	0.0000	5.500000000000	0.00	0.00
348	N	1	1	0.00	F	25	1	1	0.0000	5.500000000000	0.00	0.00
MASAINAME											60.85	0.24
PLANT_ID											60.85	0.24

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00126 MASAINAME=Keebler Foods Co ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
349	VOC	2101500126	015	00126	000007	1	49099998	1.000000000000	0	80	1.000000000000	N
350	VOC	2101500126	015	00126	00001a	1	39000699	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
349	N	1	1	1310.00	N	25	7	52	3.59890	1.132060000000	0.74	0.00
350	N	1	1	14.76	F	26	6	48	0.05330	5.500000000000	0.04	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00126 MASAINAME=Keebler Foods Co ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
351	VOC	2101500126	015	00126	00001a	2	39001099	1.000000000000	0	80	1.000000000000	N
352	VOC	2101500126	015	00126	00001b	1	30299998	1.000000000000	0	80	1.000000000000	N
353	VOC	2101500126	015	00126	00002	1	39000699	1.000000000000	0	80	1.000000000000	N
354	VOC	2101500126	015	00126	00002	2	39001099	1.000000000000	0	80	1.000000000000	N
355	VOC	2101500126	015	00126	00002a	1	39000699	1.000000000000	0	80	1.000000000000	N
356	VOC	2101500126	015	00126	00002a	2	39001099	1.000000000000	0	80	1.000000000000	N
357	VOC	2101500126	015	00126	00002b	1	30203202	1.000000000000	0	80	1.000000000000	N
358	VOC	2101500126	015	00126	000304	1	10300603	1.000000000000	0	80	1.000000000000	N
359	VOC	2101500126	015	00126	000304	2	10301002	1.000000000000	0	80	1.000000000000	N
360	VOC	2101500126	015	00126	050607	1	10300603	1.000000000000	0	80	1.000000000000	N
361	VOC	2101500126	015	00126	050607	2	10301002	1.000000000000	0	80	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
351	N	1	1	0.35	F	26	6	48	0.00125	0.800000000000	0.00	0.00
352	N	1	1	19.40	N	26	7	50	0.05765	646.546390000000	6.27	0.02
353	N	1	1	16.45	F	26	6	48	0.05940	5.500000000000	0.05	0.00
354	N	1	1	0.39	F	26	6	48	0.00140	0.800000000000	0.00	0.00
355	N	1	1	0.98	F	21	7	52	0.00226	5.500000000000	0.00	0.00
356	N	1	1	0.02	F	21	7	52	0.00005	0.800000000000	0.00	0.00
357	N	1	1	30.20	N	25	7	45	0.09587	645.430460000000	9.75	0.03
358	N	1	1	12.51	F	26	6	48	0.04518	5.500000000000	0.03	0.00
359	N	1	1	0.29	F	26	6	48	0.00106	0.800000000000	0.00	0.00
360	N	1	1	8.43	F	26	6	48	0.03044	5.500000000000	0.02	0.00
361	N	1	1	0.20	F	26	6	48	0.00072	0.800000000000	0.00	0.00
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MASAINAME											16.91	0.05
PLANT_ID											16.91	0.05

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00142 MASAINAME=Abrapower Ltd ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
362	VOC	2101500142	015	00142	EP01	1	39999994	1.000000000000	0	80	1.000000000000	N
363	VOC	2101500142	015	00142	EP01	2	39999994	1.000000000000	0	80	1.000000000000	N
364	VOC	2101500142	015	00142	EP03	1	39999994	1.000000000000	0	80	1.000000000000	N
365	VOC	2101500142	015	00142	EP04	1	39999994	1.000000000000	0	80	1.000000000000	N
366	VOC	2101500142	015	00142	EP04	2	39999994	1.000000000000	0	80	1.000000000000	N
367	VOC	2101500142	015	00142	EP05	1	39999994	1.000000000000	0	80	1.000000000000	N
368	VOC	2101500142	015	00142	IA6	1	10500106	1.000000000000	0	80	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
362	N	1	1	90714.00	N	25	7	52	249.214	0.660000000000	29.94	0.08
363	N	1	1	0.00	N	25	7	52	0.000	0.263400000000	0.00	0.00
364	N	1	1	50598.00	N	25	7	52	139.005	0.966000000000	24.44	0.07
365	N	1	1	1200.00	N	25	7	52	3.297	0.660000000000	0.40	0.00
366	N	1	1	0.00	N	25	7	52	0.000	0.263400000000	0.00	0.00
367	N	1	1	780.00	N	25	7	52	2.143	0.966000000000	0.38	0.00
368	N	1	1	0.93	N	5	7	52	0.001	5.500000000000	0.00	0.00

MASAINAME
PLANT_ID

	55.15
	55.15

	0.15
	0.15

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00144 MASAINAME=Stonehouse Building Products LLC ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
369	VOC	2101500144	015	00144	10MP1	28	40200101	1.000000000000	0	80	1.000000000000	N
370	VOC	2101500144	015	00144	10MP2	29	40200101	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
369	N	1	1	4.5870	N	25	5	52	0.01764	409.400000000000	0.94	0.00
370	N	1	1	0.0656	N	25	5	52	0.00025	2000.000000000000	0.07	0.00

KENTUCKY 2011 OZONE PRECURSOR TEMPO EMISSIONS
ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
VOC PROCESS LEVEL EMISSIONS

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00144 MASAINAME=Stonehouse Building Products LLC ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
371	VOC	2101500144	015	00144	10MP3	30	40200101	1.000000000000	0	80	1.000000000000	N
372	VOC	2101500144	015	00144	11MP1	1	40200101	1.000000000000	0	80	1.000000000000	N
373	VOC	2101500144	015	00144	11MP1	2	40200101	1.000000000000	0	80	1.000000000000	N
374	VOC	2101500144	015	00144	11MP1	31	40200101	1.000000000000	0	80	1.000000000000	N
375	VOC	2101500144	015	00144	11MP2	32	40200101	1.000000000000	0	80	1.000000000000	N
376	VOC	2101500144	015	00144	12MP1	1	40200101	1.000000000000	0	80	1.000000000000	N
377	VOC	2101500144	015	00144	12MP1	2	40200101	1.000000000000	0	80	1.000000000000	N
378	VOC	2101500144	015	00144	12MP1	34	40200101	1.000000000000	0	80	1.000000000000	N
379	VOC	2101500144	015	00144	12MP2	35	40200101	1.000000000000	0	80	1.000000000000	N
380	VOC	2101500144	015	00144	13MP1	37	40200101	1.000000000000	0	80	1.000000000000	N
381	VOC	2101500144	015	00144	13MP2	38	40200101	1.000000000000	0	80	1.000000000000	N
382	VOC	2101500144	015	00144	13MP3	39	40200101	1.000000000000	0	80	1.000000000000	N
383	VOC	2101500144	015	00144	14MP1	41	40200101	1.000000000000	0	80	1.000000000000	N
384	VOC	2101500144	015	00144	14MP2	42	40200101	1.000000000000	0	80	1.000000000000	N
385	VOC	2101500144	015	00144	14MP3	43	40200101	1.000000000000	0	80	1.000000000000	N
386	VOC	2101500144	015	00144	14MP4	43	40200101	1.000000000000	0	80	1.000000000000	N
387	VOC	2101500144	015	00144	15	1	10500106	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
371	N	1	1	0.0805	N	25	5	52	0.00031	2000.000000000000	0.08	0.00
372	N	1	1	5.7870	N	25	5	52	0.02226	155.800000000000	0.45	0.00
373	N	1	1	4.2760	N	25	5	52	0.01645	0.000000000000	0.00	0.00
374	N	1	1	0.0000	N	25	5	52	0.00000	262.000000000000	0.00	0.00
375	N	1	1	0.0827	N	25	5	52	0.00032	2000.000000000000	0.08	0.00
376	N	1	1	0.0000	N	25	5	52	0.00000	155.800000000000	0.00	0.00
377	N	1	1	0.0000	N	25	5	52	0.00000	0.000000000000	0.00	0.00
378	N	1	1	0.0000	N	25	5	52	0.00000	262.000000000000	0.00	0.00
379	N	1	1	0.0000	N	25	5	52	0.00000	2000.000000000000	0.00	0.00
380	N	1	1	84.7220	N	25	5	52	0.32585	12.400000000000	0.53	0.00
381	N	1	1	1.2115	N	25	5	52	0.00466	2000.000000000000	1.21	0.00
382	N	1	1	62.6014	N	25	5	52	0.24077	0.000000000000	0.00	0.00
383	N	1	1	12.3375	N	25	7	52	0.03389	12.400000000000	0.08	0.00
384	N	1	1	0.1764	N	25	7	52	0.00048	2000.000000000000	0.18	0.00
385	N	1	1	10.3620	N	25	7	52	0.02847	0.000000000000	0.00	0.00
386	N	1	1	0.2166	N	25	5	52	0.00083	2000.000000000000	0.22	0.00
387	N	1	1	2.7087	N	0	5	52	0.00000	5.500000000000	0.01	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00144 MASAINAME=Stonehouse Building Products LLC ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
388	VOC	2101500144	015	00144	17	1	40714698	1.000000000000	0	80	1.000000000000	N
389	VOC	2101500144	015	00144	18	2	40714698	1.000000000000	0	80	1.000000000000	N
390	VOC	2101500144	015	00144	1MP1	1	40200101	1.000000000000	0	80	1.000000000000	N
391	VOC	2101500144	015	00144	1MP2	2	40200101	1.000000000000	0	80	1.000000000000	N
392	VOC	2101500144	015	00144	20	1	39999994	1.000000000000	0	80	1.000000000000	N
393	VOC	2101500144	015	00144	2MP1	4	40200101	1.000000000000	0	80	1.000000000000	N
394	VOC	2101500144	015	00144	2MP2	5	40200101	1.000000000000	0	80	1.000000000000	N
395	VOC	2101500144	015	00144	3MP1	7	40200101	1.000000000000	0	80	1.000000000000	N
396	VOC	2101500144	015	00144	3MP2	8	40200101	1.000000000000	0	80	1.000000000000	N
397	VOC	2101500144	015	00144	4MP1	10	40200101	1.000000000000	0	80	1.000000000000	N
398	VOC	2101500144	015	00144	4MP2	11	40200101	1.000000000000	0	80	1.000000000000	N
399	VOC	2101500144	015	00144	5MP1	13	40200101	1.000000000000	0	80	1.000000000000	N
400	VOC	2101500144	015	00144	5MP2	14	40200101	1.000000000000	0	80	1.000000000000	N
401	VOC	2101500144	015	00144	6MP1	16	40200101	1.000000000000	0	80	1.000000000000	N
402	VOC	2101500144	015	00144	6MP2	17	40200101	1.000000000000	0	80	1.000000000000	N
403	VOC	2101500144	015	00144	7MP1	19	40200101	1.000000000000	0	80	1.000000000000	N
404	VOC	2101500144	015	00144	7MP2	20	40200101	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
388	N	1	1	0.4035	N	25	5	52	0.00155	0.107200000000	0.00	0.00
389	N	1	1	41.2690	N	25	5	52	0.15873	0.165000000000	0.00	0.00
390	N	1	1	23.3288	N	25	5	52	0.08973	409.400000000000	4.78	0.02
391	N	1	1	0.0330	N	25	5	52	0.00013	2000.000000000000	0.03	0.00
392	N	1	1	0.0000	N	25	5	52	0.00000	1.000000000000	0.00	0.00
393	N	1	1	3.1078	N	25	5	52	0.01195	262.000000000000	0.41	0.00
394	N	1	1	0.0440	N	25	5	52	0.00017	2000.000000000000	0.04	0.00
395	N	1	1	10.4960	N	25	5	52	0.04037	409.400000000000	2.15	0.01
396	N	1	1	0.1500	N	25	5	52	0.00058	2000.000000000000	0.15	0.00
397	N	1	1	19.0691	N	25	5	52	0.07334	409.400000000000	3.90	0.02
398	N	1	1	0.2726	N	25	5	52	0.00105	2000.000000000000	0.27	0.00
399	N	1	1	3.0100	N	25	5	52	0.01158	409.400000000000	0.62	0.00
400	N	1	1	0.0430	N	25	5	52	0.00017	2000.000000000000	0.04	0.00
401	N	1	1	7.0240	N	25	5	52	0.02702	409.400000000000	1.44	0.01
402	N	1	1	0.1004	N	25	5	52	0.00039	2000.000000000000	0.10	0.00
403	N	1	1	0.0000	N	25	5	52	0.00000	409.400000000000	0.00	0.00
404	N	1	1	0.0000	N	25	5	52	0.00000	2000.000000000000	0.00	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00144 MASAINAME=Stonehouse Building Products LLC ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
405	VOC	2101500144	015	00144	7MP3	21	40200101	1.000000000000	0	80	1.000000000000	N
406	VOC	2101500144	015	00144	8MP1	22	40200101	1.000000000000	0	80	1.000000000000	N
407	VOC	2101500144	015	00144	8MP2	23	40200101	1.000000000000	0	80	1.000000000000	N
408	VOC	2101500144	015	00144	8MP3	24	40200101	1.000000000000	0	80	1.000000000000	N
409	VOC	2101500144	015	00144	9MP1	25	40200101	1.000000000000	0	80	1.000000000000	N
410	VOC	2101500144	015	00144	9MP2	26	40200101	1.000000000000	0	80	1.000000000000	N
411	VOC	2101500144	015	00144	9MP3	27	40200101	1.000000000000	0	80	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
405	N	1	1	0.0000	N	25	5	52	0.00000	2000.000000000000	0.00	0.00
406	N	1	1	0.0000	N	25	5	52	0.00000	409.400000000000	0.00	0.00
407	N	1	1	0.0000	N	25	5	52	0.00000	2000.000000000000	0.00	0.00
408	N	1	1	0.0000	N	25	5	52	0.00000	2000.000000000000	0.00	0.00
409	N	1	1	0.0000	N	25	5	52	0.00000	409.400000000000	0.00	0.00
410	N	1	1	0.0000	N	25	5	52	0.00000	2000.000000000000	0.00	0.00
411	N	1	1	0.0000	N	25	5	52	0.00000	2000.000000000000	0.00	0.00

MASAINAME
PLANT_ID

	17.77	0.07
	17.77	0.07

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00146 MASAINAME=Zumbiel Packaging ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
412	VOC	2101500146	015	00146	11	1	39999995	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
412	N	1	1	4957.00	N	25	7	52	13.618	0.002580000000	0.01	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00146 MASAINAME=Zumbiel Packaging ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
413	VOC	2101500146	015	00146	6(1-9)	1	39999999	1.000000000000	0	80	1.000000000000	N
414	VOC	2101500146	015	00146	EP 01	1	40500812	1.000000000000	0	80	1.000000000000	N
415	VOC	2101500146	015	00146	EP 01	2	39999995	1.000000000000	0	80	1.000000000000	N
416	VOC	2101500146	015	00146	EP 01	3	39999995	1.000000000000	0	80	1.000000000000	N
417	VOC	2101500146	015	00146	EP 01	4	39999995	1.000000000000	0	80	1.000000000000	N
418	VOC	2101500146	015	00146	EP 01	5	39999995	1.000000000000	0	80	1.000000000000	N
419	VOC	2101500146	015	00146	EP 01	6	39999995	1.000000000000	0	80	1.000000000000	N
420	VOC	2101500146	015	00146	EP 01	7	40201001	1.000000000000	0	80	1.000000000000	N
421	VOC	2101500146	015	00146	EP 02	1	40500812	1.000000000000	0	80	1.000000000000	N
422	VOC	2101500146	015	00146	EP 02	2	39999995	1.000000000000	0	80	1.000000000000	N
423	VOC	2101500146	015	00146	EP 02	3	39999995	1.000000000000	0	80	1.000000000000	N
424	VOC	2101500146	015	00146	EP 02	4	39999995	1.000000000000	0	80	1.000000000000	N
425	VOC	2101500146	015	00146	EP 02	5	39999995	1.000000000000	0	80	1.000000000000	N
426	VOC	2101500146	015	00146	EP 02	6	39999995	1.000000000000	0	80	1.000000000000	N
427	VOC	2101500146	015	00146	EP 02	7	40201001	1.000000000000	0	80	1.000000000000	N
428	VOC	2101500146	015	00146	EP 02	8	40201001	1.000000000000	0	80	1.000000000000	N
429	VOC	2101500146	015	00146	EP 03	1	40500812	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
413	N	1	1	72.72	N	25	7	52	0.200	2.191280000000	0.08	0.00
414	N	1	1	24729.04	N	25	7	52	67.937	0.542436000000	6.71	0.02
415	N	1	1	41837.74	N	25	7	52	114.939	0.118000000000	2.47	0.01
416	N	1	1	41025.02	N	25	7	52	112.706	0.016170000000	0.33	0.00
417	N	1	1	0.00	N	25	7	52	0.000	6.570000000000	0.00	0.00
418	N	1	1	293.93	N	25	7	52	0.808	0.405917000000	0.06	0.00
419	N	1	1	0.00	N	25	7	52	0.000	0.434500000000	0.00	0.00
420	N	1	1	11.90	N	25	7	52	0.033	5.500000000000	0.03	0.00
421	N	1	1	254.24	N	25	7	52	0.698	0.505664000000	0.06	0.00
422	N	1	1	0.00	N	25	7	52	0.000	0.118000000000	0.00	0.00
423	N	1	1	255.65	N	25	7	52	0.702	0.189431000000	0.02	0.00
424	N	1	1	235.17	N	25	7	52	0.646	0.016200000000	0.00	0.00
425	N	1	1	0.00	N	25	7	52	0.000	6.570000000000	0.00	0.00
426	N	1	1	15.05	N	25	7	52	0.041	0.305558000000	0.00	0.00
427	N	1	1	0.22	N	25	7	52	0.001	5.500000000000	0.00	0.00
428	N	1	1	0.00	N	25	7	52	0.000	5.500000000000	0.00	0.00
429	N	1	1	4102.16	N	25	7	52	11.270	0.455300000000	0.93	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00146 MASAINAME=Zumbiel Packaging ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
430	VOC	2101500146	015	00146	EP 03	2	39999995	1.000000000000	0	80	1.000000000000	N
431	VOC	2101500146	015	00146	EP 03	3	39999995	1.000000000000	0	80	1.000000000000	N
432	VOC	2101500146	015	00146	EP 03	4	39999995	1.000000000000	0	80	1.000000000000	N
433	VOC	2101500146	015	00146	EP 03	5	39999995	1.000000000000	0	80	1.000000000000	N
434	VOC	2101500146	015	00146	EP 03	6	39999995	1.000000000000	0	80	1.000000000000	N
435	VOC	2101500146	015	00146	EP 03	7	40201001	1.000000000000	0	80	1.000000000000	N
436	VOC	2101500146	015	00146	EP 03	8	40201001	1.000000000000	0	80	1.000000000000	N
437	VOC	2101500146	015	00146	EP 04	1	40500812	1.000000000000	0	80	1.000000000000	N
438	VOC	2101500146	015	00146	EP 04	2	39999995	1.000000000000	0	80	1.000000000000	N
439	VOC	2101500146	015	00146	EP 04	3	39999995	1.000000000000	0	80	1.000000000000	N
440	VOC	2101500146	015	00146	EP 04	4	39999995	1.000000000000	0	80	1.000000000000	N
441	VOC	2101500146	015	00146	EP 04	5	39999995	1.000000000000	0	80	1.000000000000	N
442	VOC	2101500146	015	00146	EP 04	6	39999995	1.000000000000	0	80	1.000000000000	N
443	VOC	2101500146	015	00146	EP 04	7	40201001	1.000000000000	0	80	1.000000000000	N
444	VOC	2101500146	015	00146	EP 07	1	40500812	1.000000000000	0	80	1.000000000000	N
445	VOC	2101500146	015	00146	EP 07	2	39999995	1.000000000000	0	80	1.000000000000	N
446	VOC	2101500146	015	00146	EP 07	3	39999995	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
430	N	1	1	0.00	N	25	7	52	0.0000	0.640000000000	0.00	0.00
431	N	1	1	17285.39	N	25	7	52	47.4873	0.106100000000	0.92	0.00
432	N	1	1	11591.61	N	25	7	52	31.8451	0.084000000000	0.49	0.00
433	N	1	1	0.00	N	25	7	52	0.0000	6.570000000000	0.00	0.00
434	N	1	1	187.27	N	25	7	52	0.5145	8.249891000000	0.77	0.00
435	N	1	1	9.80	N	25	7	52	0.0269	5.500000000000	0.03	0.00
436	N	1	1	4.80	N	25	7	52	0.0132	5.500000000000	0.01	0.00
437	N	1	1	9512.95	N	25	7	52	26.1345	0.578700000000	2.75	0.01
438	N	1	1	0.00	N	25	7	52	0.0000	0.168100000000	0.00	0.00
439	N	1	1	16458.41	N	25	7	52	45.2154	0.115618000000	0.95	0.00
440	N	1	1	13909.47	N	25	7	52	38.2128	0.091535000000	0.64	0.00
441	N	1	1	0.00	N	25	7	52	0.0000	6.570000000000	0.00	0.00
442	N	1	1	178.24	N	25	7	52	0.4897	4.642152000000	0.41	0.00
443	N	1	1	11.19	N	25	7	52	0.0307	5.500000000000	0.03	0.00
444	N	1	1	2753.17	N	25	7	52	7.5637	0.387750000000	0.53	0.00
445	N	1	1	4684.81	N	25	7	52	12.8704	0.099300000000	0.23	0.00
446	N	1	1	4779.13	N	25	7	52	13.1295	0.083820700000	0.20	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00146 MASAINAME=Zumbiel Packaging ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
447	VOC	2101500146	015	00146	EP 07	4	39999995	1.000000000000	0	80	1.000000000000	N
448	VOC	2101500146	015	00146	EP 07	5	40201001	1.000000000000	0	80	1.000000000000	N
449	VOC	2101500146	015	00146	EP 08	1	40500812	1.000000000000	0	80	1.000000000000	N
450	VOC	2101500146	015	00146	EP 08	2	39999995	1.000000000000	0	80	1.000000000000	N
451	VOC	2101500146	015	00146	EP 08	3	39999995	1.000000000000	0	80	1.000000000000	N
452	VOC	2101500146	015	00146	EP 08	4	39999995	1.000000000000	0	80	1.000000000000	N
453	VOC	2101500146	015	00146	EP 08	5	40201001	1.000000000000	0	80	1.000000000000	N
454	VOC	2101500146	015	00146	EP 09	1	40500812	1.000000000000	0	80	1.000000000000	N
455	VOC	2101500146	015	00146	EP 09	2	39999995	1.000000000000	0	80	1.000000000000	N
456	VOC	2101500146	015	00146	EP 09	3	39999995	1.000000000000	0	80	1.000000000000	N
457	VOC	2101500146	015	00146	EP 09	4	39999995	1.000000000000	0	80	1.000000000000	N
458	VOC	2101500146	015	00146	EP 09	5	39999995	1.000000000000	0	80	1.000000000000	N
459	VOC	2101500146	015	00146	EP 09	6	39999995	1.000000000000	0	80	1.000000000000	N
460	VOC	2101500146	015	00146	EP 09	7	39999995	1.000000000000	0	80	1.000000000000	N
461	VOC	2101500146	015	00146	EP 09	8	39999995	1.000000000000	0	80	1.000000000000	N
462	VOC	2101500146	015	00146	EP 10	1	40500812	1.000000000000	0	80	1.000000000000	N
463	VOC	2101500146	015	00146	EP 10	2	39999995	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
447	N	1	1	52.04	N	25	7	52	0.1430	9.256791000000	0.24	0.00
448	N	1	1	5.10	N	25	7	52	0.0140	5.500000000000	0.01	0.00
449	N	1	1	28.60	N	25	7	52	0.0786	0.811200000000	0.01	0.00
450	N	1	1	31.66	N	25	7	52	0.0870	0.099300000000	0.00	0.00
451	N	1	1	110.42	N	25	7	52	0.3034	0.083820700000	0.00	0.00
452	N	1	1	5.94	N	25	7	52	0.0163	8.855068000000	0.03	0.00
453	N	1	1	2.70	N	25	7	52	0.0074	5.500000000000	0.01	0.00
454	N	1	1	6295.44	N	25	7	52	17.2952	0.121000000000	0.38	0.00
455	N	1	1	619.75	N	25	7	52	1.7026	1.400000000000	0.43	0.00
456	N	1	1	24.05	N	25	7	52	0.0661	7.900000000000	0.09	0.00
457	N	1	1	1705.00	N	25	7	52	4.6841	6.351000000000	5.41	0.01
458	N	1	1	0.00	N	25	7	52	0.0000	6.600000000000	0.00	0.00
459	N	1	1	210.00	N	25	7	52	0.5769	6.500000000000	0.68	0.00
460	N	1	1	23030.26	N	25	7	52	63.2699	0.224000000000	2.58	0.01
461	N	1	1	46.93	N	25	7	52	0.1289	6.600000000000	0.15	0.00
462	N	1	1	0.00	N	25	7	52	0.0000	0.121000000000	0.00	0.00
463	N	1	1	0.00	N	25	7	52	0.0000	1.400000000000	0.00	0.00

ACTUAL POINT SOURCE EMISSIONS

CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA

BOONE, CAMPBELL, AND KENTON COUNTIES

VOC PROCESS LEVEL EMISSIONS

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00146 MASAINAME=Zumbiel Packaging ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
464	VOC	2101500146	015	00146	EP 10	3	39999995	1.000000000000	0	80	1.000000000000	N
465	VOC	2101500146	015	00146	EP 10	4	39999995	1.000000000000	0	80	1.000000000000	N
466	VOC	2101500146	015	00146	EP 10	5	39999995	1.000000000000	0	80	1.000000000000	N
467	VOC	2101500146	015	00146	EP 10	6	39999995	1.000000000000	0	80	1.000000000000	N
468	VOC	2101500146	015	00146	EP 10	7	39999995	1.000000000000	0	80	1.000000000000	N
469	VOC	2101500146	015	00146	EP 10	8	39999995	1.000000000000	0	80	1.000000000000	N
470	VOC	2101500146	015	00146	EP05	1	39999995	1.000000000000	0	80	1.000000000000	N

MASAINAME
PLANT_ID
COUNTYN
CNTY_CODE

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
464	N	1	1	0.00	N	25	7	52	0.0000	7.900000000000	0.00	0.00
465	N	1	1	0.00	N	25	7	52	0.0000	6.930000000000	0.00	0.00
466	N	1	1	0.00	N	25	7	52	0.0000	6.600000000000	0.00	0.00
467	N	1	1	0.00	N	25	7	52	0.0000	6.500000000000	0.00	0.00
468	N	1	1	0.00	N	25	7	52	0.0000	0.224000000000	0.00	0.00
469	N	1	1	0.00	N	25	7	52	0.0000	0.600000000000	0.00	0.00
470	N	1	1	14384.00	N	25	7	52	39.5165	0.000000000000	0.00	0.00

MASAINAME	28.73	0.08
PLANT_ID	28.73	0.08
COUNTYN	898.18	2.68
CNTY_CODE	898.18	2.68

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=037 COUNTYN=Campbell PLANT_ID=00006 MASAINAME=IPSCO Tubulars Inc ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
471	VOC	2103700006	037	00006	008	1	40200410	1.000000000000	0	80	1.000000000000	N
472	VOC	2103700006	037	00006	008	2	40200998	1.000000000000	0	80	1.000000000000	N
473	VOC	2103700006	037	00006	009	1	40200410	1.000000000000	0	80	1.000000000000	N
474	VOC	2103700006	037	00006	009	2	40200998	1.000000000000	0	80	1.000000000000	N
475	VOC	2103700006	037	00006	014	1	39999992	1.000000000000	0	80	1.000000000000	N
476	VOC	2103700006	037	00006	015	4	38500110	1.000000000000	0	80	1.000000000000	N
477	VOC	2103700006	037	00006	015	5	38500110	1.000000000000	0	80	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
471	N	1	1	0	F	25	7	52	0.0000	3.900000000000	0.00	0.00
472	N	1	1	0	F	25	7	52	0.0000	6.590000000000	0.00	0.00
473	N	1	1	17339	F	25	5	51	67.9961	3.900000000000	33.81	0.13
474	N	1	1	1147	F	25	5	51	4.4980	6.590000000000	3.78	0.01
475	N	1	1	1025	F	25	7	52	2.8159	0.250000000000	0.13	0.00
476	N	1	1	6	F	25	7	52	0.0165	0.011520000000	0.00	0.00
477	N	1	1	176	F	25	7	52	0.4835	0.011520000000	0.00	0.00

MASAINAME 37.72 0.15
PLANT_ID 37.72 0.15

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=037 COUNTYN=Campbell PLANT_ID=00090 MASAINAME=Continental Silver Grove LLC ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
478	VOC	2103700090	037	00090	EG02	4	20200102	1.000000000000	0	80	1.000000000000	N
479	VOC	2103700090	037	00090	EG05	2	30501599	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
478	N	1	1	4.83	F	25	7	52	0.01	50.282000000000	0.12	0.00
479	N	1	1	465007.00	F	25	7	52	1277.49	0.041000000000	9.53	0.03

ACTUAL POINT SOURCE EMISSIONS

CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA

BOONE, CAMPBELL, AND KENTON COUNTIES

VOC PROCESS LEVEL EMISSIONS

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=037 COUNTYN=Campbell PLANT_ID=00090 MASAINAME=Continental Silver Grove LLC ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
480	VOC	2103700090	037	00090	EG05	3	39000699	1.000000000000	0	80	1.000000000000	N
481	VOC	2103700090	037	00090	EG05	7	30501599	1.000000000000	0	80	1.000000000000	N
482	VOC	2103700090	037	00090	EG05	8	39000699	1.000000000000	0	80	1.000000000000	N
483	VOC	2103700090	037	00090	EG07	2	39000699	1.000000000000	0	80	1.000000000000	N
484	VOC	2103700090	037	00090	EG07	4	39000699	1.000000000000	0	80	1.000000000000	N
485	VOC	2103700090	037	00090	EG07	6	39000699	1.000000000000	0	80	1.000000000000	N
486	VOC	2103700090	037	00090	EG07	8	39000699	1.000000000000	0	80	1.000000000000	N
487	VOC	2103700090	037	00090	EG07	10	39000699	1.000000000000	0	80	1.000000000000	N
488	VOC	2103700090	037	00090	EG07	12	39000699	1.000000000000	0	80	1.000000000000	N
489	VOC	2103700090	037	00090	EG07	16	39000699	1.000000000000	0	80	1.000000000000	N
490	VOC	2103700090	037	00090	EG07	18	39000699	1.000000000000	0	80	1.000000000000	N
491	VOC	2103700090	037	00090	REG5-2	8	39000699	1.000000000000	0	80	1.000000000000	N
492	VOC	2103700090	037	00090	REG7-2	12	39000699	1.000000000000	0	80	1.000000000000	N
493	VOC	2103700090	037	00090	REG7-2	16	39000699	1.000000000000	0	80	1.000000000000	N
494	VOC	2103700090	037	00090	REG7-2	18	39000699	1.000000000000	0	80	1.000000000000	N
495	VOC	2103700090	037	00090	REU102	1	30501503	1.000000000000	0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
480	N	1	1	504.00	F	25	7	52	1.38	5.500000000000	1.39	0.00
481	N	1	1	635565.00	F	25	7	52	1746.06	0.041000000000	13.03	0.04
482	N	1	1	475.48	F	25	7	52	1.31	5.500000000000	1.31	0.00
483	N	1	1	60.83	F	25	7	52	0.17	5.500000000000	0.17	0.00
484	N	1	1	151.72	F	25	7	52	0.42	5.500000000000	0.42	0.00
485	N	1	1	87.03	F	25	7	52	0.24	5.500000000000	0.24	0.00
486	N	1	1	100.63	F	25	7	52	0.28	5.500000000000	0.28	0.00
487	N	1	1	89.52	F	25	7	52	0.25	5.500000000000	0.25	0.00
488	N	1	1	142.21	F	25	7	52	0.39	5.500000000000	0.39	0.00
489	N	1	1	87.98	F	25	7	52	0.24	5.500000000000	0.24	0.00
490	N	1	1	122.91	F	25	7	52	0.34	5.500000000000	0.34	0.00
491	N	1	1	0.00	F	25	7	52	0.00	6.600000000000	0.00	0.00
492	N	1	1	0.00	F	25	7	52	0.00	6.600000000000	0.00	0.00
493	N	1	1	0.00	F	25	7	52	0.00	6.600000000000	0.00	0.00
494	N	1	1	0.00	F	25	7	52	0.00	6.600000000000	0.00	0.00
495	N	1	1	0.00	N	25	7	52	0.00	0.780000000000	0.00	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=037 COUNTYN=Campbell PLANT_ID=00090 MASAINAME=Continental Silver Grove LLC ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF

MASAINAME
PLANT_ID
COUNTYN
CNTY_CODE

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day

---
MASAINAME 27.69 0.08
PLANT_ID 27.69 0.08
COUNTYN 65.41 0.22
CNTY_CODE 65.41 0.22

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=117 COUNTYN=Kenton PLANT_ID=00022 MASAINAME=Marathon Petroleum Co LP - Covington Terminal ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
496	VOC	2111700022	117	00022	001	1	40400199	1.000000000000	0.00	80	1.000000000000	N
497	VOC	2111700022	117	00022	002	1	40400199	1.000000000000	0.00	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
496	N	1	1	27132.30	F	25	7	52	74.539	0.013517000000	0.18	0.00
497	N	1	1	6886.20	F	25	7	52	18.918	0.058543780000	0.20	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=117 COUNTYN=Kenton PLANT_ID=00022 MASAINAME=Marathon Petroleum Co LP - Covington Terminal ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
498	VOC	2111700022	117	00022	003	1	40400199	1.000000000000	0.00	80	1.000000000000	N
499	VOC	2111700022	117	00022	004	1	40400199	1.000000000000	0.00	80	1.000000000000	N
500	VOC	2111700022	117	00022	005	1	40400199	1.000000000000	0.00	80	1.000000000000	N
501	VOC	2111700022	117	00022	006	1	40400199	1.000000000000	0.00	80	1.000000000000	N
502	VOC	2111700022	117	00022	007	1	40400199	1.000000000000	0.00	80	1.000000000000	N
503	VOC	2111700022	117	00022	008	1	40400199	1.000000000000	0.00	80	1.000000000000	N
504	VOC	2111700022	117	00022	009	1	40400199	1.000000000000	0.00	80	1.000000000000	N
505	VOC	2111700022	117	00022	010	1	40400199	1.000000000000	0.00	80	1.000000000000	N
506	VOC	2111700022	117	00022	011	1	40400199	1.000000000000	0.00	80	1.000000000000	N
507	VOC	2111700022	117	00022	012	1	40400199	1.000000000000	0.00	80	1.000000000000	N
508	VOC	2111700022	117	00022	013	1	40600131	1.000000000000	99.88	80	0.200960000000	N
509	VOC	2111700022	117	00022	013	2	40600134	1.000000000000	99.88	80	0.200960000000	N
510	VOC	2111700022	117	00022	013	3	40400199	1.000000000000	0.00	80	1.000000000000	N
511	VOC	2111700022	117	00022	013	4	40400199	1.000000000000	99.88	80	0.200960000000	N
512	VOC	2111700022	117	00022	014R	1	40600134	1.000000000000	0.00	80	1.000000000000	N
513	VOC	2111700022	117	00022	016	1	40600131	1.000000000000	0.00	80	1.000000000000	N
514	VOC	2111700022	117	00022	016	2	40600134	1.000000000000	0.00	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
498	N	1	1	3972.40	F	25	7	52	10.913	0.055232000000	0.11	0.00
499	N	1	1	115515.80	F	25	7	52	317.351	0.010688000000	0.62	0.00
500	N	1	1	62304.70	F	25	7	52	171.167	0.061435410000	1.91	0.01
501	N	1	1	50136.90	F	25	7	52	137.739	0.022200960000	0.56	0.00
502	N	1	1	79391.80	F	25	7	52	218.109	0.022392350000	0.89	0.00
503	N	1	1	90.40	N	25	7	52	0.248	0.010782980000	0.00	0.00
504	N	1	1	0.00	F	25	7	52	0.000	2.135200030000	0.00	0.00
505	N	1	1	22698.00	N	25	7	52	62.357	0.008266670000	0.09	0.00
506	N	1	1	0.00	F	25	7	52	0.000	0.004133460000	0.00	0.00
507	N	1	1	30.10	F	25	7	52	0.083	2.182539680000	0.03	0.00
508	N	1	1	225968.00	F	25	7	52	620.791	10.431700000000	236.85	0.65
509	N	1	1	575.00	F	25	7	52	1.580	0.023450000000	0.00	0.00
510	N	1	1	269660.00	F	25	7	52	740.824	0.075108640000	10.13	0.03
511	N	1	1	43117.00	F	25	7	52	118.453	0.000541000000	0.00	0.00
512	N	1	1	101805.00	N	25	7	52	279.684	0.023452170000	1.19	0.00
513	N	1	1	0.00	N	25	7	52	0.000	3.400000000000	0.00	0.00
514	N	1	1	0.00	N	25	7	52	0.000	0.012000000000	0.00	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=117 COUNTYN=Kenton PLANT_ID=00022 MASAINAME=Marathon Petroleum Co LP - Covington Terminal ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
515	VOC	2111700022	117	00022	017	1	39999994	1.000000000000	0.00	80	1.000000000000	N
516	VOC	2111700022	117	00022	13	1	40400199	1.000000000000	0.00	80	1.000000000000	N
517	VOC	2111700022	117	00022	14	1	40400199	1.000000000000	0.00	80	1.000000000000	N
518	VOC	2111700022	117	00022	IA10	1	40400199	1.000000000000	0.00	80	1.000000000000	N
519	VOC	2111700022	117	00022	IA11	1	40400199	1.000000000000	0.00	80	1.000000000000	N
520	VOC	2111700022	117	00022	IA14	1	39999996	1.000000000000	0.00	80	1.000000000000	N
521	VOC	2111700022	117	00022	IA25	1	40400199	1.000000000000	0.00	80	1.000000000000	N
522	VOC	2111700022	117	00022	IA4	1	40400199	1.000000000000	0.00	80	1.000000000000	N
523	VOC	2111700022	117	00022	IA7	1	40400199	1.000000000000	0.00	80	1.000000000000	N
524	VOC	2111700022	117	00022	IA8	1	40400199	1.000000000000	0.00	80	1.000000000000	N
525	VOC	2111700022	117	00022	IA9	1	40400199	1.000000000000	0.00	80	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
515	N	1	1	1999.89	F	25	7	52	5.494	1.090000000000	1.09	0.00
516	N	1	1	0.40	N	25	7	52	0.001	195.556000000000	0.04	0.00
517	N	1	1	0.50	N	25	7	52	0.001	0.306837000000	0.00	0.00
518	N	1	1	7.80	N	25	7	52	0.021	0.085147000000	0.00	0.00
519	N	1	1	5.80	N	25	7	52	0.016	0.100354000000	0.00	0.00
520	N	1	1	244.00	N	25	7	52	0.670	5.000000000000	0.61	0.00
521	N	1	1	5.80	N	25	7	52	0.016	10.883780000000	0.03	0.00
522	N	1	1	0.00	N	25	7	52	0.000	198.888889000000	0.00	0.00
523	N	1	1	0.00	N	25	7	52	0.000	27.651290000000	0.00	0.00
524	N	1	1	9.00	N	25	7	52	0.025	14.914607000000	0.07	0.00
525	N	1	1	0.70	N	25	7	52	0.002	0.087719000000	0.00	0.00

MASAINAME
PLANT_ID

254.62	0.70
254.62	0.70

KENTUCKY 2011 OZONE PRECURSOR TEMPO EMISSIONS
ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
VOC PROCESS LEVEL EMISSIONS

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=117 COUNTYN=Kenton PLANT_ID=00086 MASAINAME=Interplastic Mfg Co Thermoset Resins Div ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
526	VOC	2111700086	117	00086	Piping	1	39999997	1.000000000000	0.0	80	1.000000000000	N
527	VOC	2111700086	117	00086	SEU04	1	39999996	1.000000000000	99.2	80	0.206400000000	N
528	VOC	2111700086	117	00086	SEU05	1	39999996	1.000000000000	99.2	80	0.206400000000	N
529	VOC	2111700086	117	00086	SEU09	1	10200602	1.000000000000	0.0	80	1.000000000000	N
530	VOC	2111700086	117	00086	SEU09	2	10201002	1.000000000000	0.0	80	1.000000000000	N
531	VOC	2111700086	117	00086	SEU10	1	10200602	1.000000000000	0.0	80	1.000000000000	N
532	VOC	2111700086	117	00086	SEU10	2	10201002	1.000000000000	0.0	80	1.000000000000	N
533	VOC	2111700086	117	00086	SEU101	1	64520011	1.000000000000	99.2	80	0.206400000000	N
534	VOC	2111700086	117	00086	SEU101	2	64520021	1.000000000000	99.2	80	0.206400000000	N
535	VOC	2111700086	117	00086	SEU103	1	10200602	1.000000000000	0.0	80	1.000000000000	N
536	VOC	2111700086	117	00086	SEU103	2	10201002	1.000000000000	0.0	80	1.000000000000	N
537	VOC	2111700086	117	00086	SEU104	1	64520020	1.000000000000	99.2	80	0.206400000000	N
538	VOC	2111700086	117	00086	SEU105	1	64520020	1.000000000000	99.2	80	0.206400000000	N
539	VOC	2111700086	117	00086	SEU106	1	39999996	1.000000000000	99.2	80	0.206400000000	N
540	VOC	2111700086	117	00086	SEU107	1	39999996	1.000000000000	99.2	80	0.206400000000	N
541	VOC	2111700086	117	00086	SEU109	1	10200602	1.000000000000	0.0	80	1.000000000000	N
542	VOC	2111700086	117	00086	SEU109	2	10201002	1.000000000000	0.0	80	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
526	N	1	1	3.98	N	25	7	52	0.0109	0.855560000000	0.00	0.00
527	N	1	1	169.66	F	24	7	52	0.4475	0.074993000000	0.00	0.00
528	N	1	1	173.51	N	24	7	52	0.4576	0.074993000000	0.00	0.00
529	N	1	1	29.44	N	24	7	52	0.0776	5.500000000000	0.08	0.00
530	N	1	1	0.00	N	24	7	52	0.0000	0.500000000000	0.00	0.00
531	N	1	1	0.00	N	0	7	6	0.0000	5.500000000000	0.00	0.00
532	N	1	1	0.00	N	0	7	6	0.0000	0.500000000000	0.00	0.00
533	N	1	1	7595.30	F	24	7	52	20.0316	4.600000000000	3.61	0.01
534	N	1	1	10850.50	F	24	7	52	28.6167	6.700000000000	7.50	0.02
535	N	1	1	81.31	N	24	7	52	0.2144	5.500000000000	0.22	0.00
536	N	1	1	0.00	N	24	7	52	0.0000	0.500000000000	0.00	0.00
537	N	1	1	708.20	N	24	7	52	1.8678	0.386900000000	0.03	0.00
538	N	1	1	417.90	N	24	7	52	1.1022	0.386900000000	0.02	0.00
539	N	1	1	673.90	F	24	7	52	1.7773	0.129987000000	0.01	0.00
540	N	1	1	373.34	F	24	7	52	0.9846	0.129987000000	0.01	0.00
541	N	1	1	0.00	N	24	7	52	0.0000	5.500000000000	0.00	0.00
542	N	1	1	0.00	N	24	7	52	0.0000	0.500000000000	0.00	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=117 COUNTYN=Kenton PLANT_ID=00086 MASAINAME=Interplastic Mfg Co Thermoset Resins Div ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
543	VOC	2111700086	117	00086	SEU11	1	64520020	1.000000000000	99.2	80	0.206400000000	N
544	VOC	2111700086	117	00086	SEU110	1	64520020	1.000000000000	99.2	80	0.206400000000	N
545	VOC	2111700086	117	00086	SEU111	1	64520020	1.000000000000	99.2	80	0.206400000000	N
546	VOC	2111700086	117	00086	SEU111	2	64520020	1.000000000000	99.2	80	0.206400000000	N
547	VOC	2111700086	117	00086	SEU111	3	64520020	1.000000000000	99.2	80	0.206400000000	N
548	VOC	2111700086	117	00086	SEU112	1	64520020	1.000000000000	99.2	80	0.206400000000	N
549	VOC	2111700086	117	00086	SEU113	1	64520020	1.000000000000	99.2	80	0.206400000000	N
550	VOC	2111700086	117	00086	SEU115	1	64520020	1.000000000000	99.2	80	0.206400000000	N
551	VOC	2111700086	117	00086	SEU115	2	39999996	1.000000000000	0.0	80	1.000000000000	N
552	VOC	2111700086	117	00086	SEU116	1	64520020	1.000000000000	99.2	80	0.206400000000	N
553	VOC	2111700086	117	00086	SEU116	2	39999996	1.000000000000	0.0	80	1.000000000000	N
554	VOC	2111700086	117	00086	SEU117	1	39999996	1.000000000000	0.0	80	1.000000000000	N
555	VOC	2111700086	117	00086	SEU118	1	39999996	1.000000000000	0.0	80	1.000000000000	N
556	VOC	2111700086	117	00086	SEU119	1	39999996	1.000000000000	0.0	80	1.000000000000	N
557	VOC	2111700086	117	00086	SEU12	1	64520020	1.000000000000	99.2	80	0.206400000000	N
558	VOC	2111700086	117	00086	SEU120	1	30899999	1.000000000000	99.2	80	0.206400000000	N
559	VOC	2111700086	117	00086	SEU121	1	30899999	1.000000000000	99.2	80	0.206400000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
543	N	1	1	1718.40	F	24	7	52	4.5320	0.386900000000	0.07	0.00
544	N	1	1	341.40	N	24	7	52	0.9004	0.386900000000	0.01	0.00
545	N	1	1	233.40	N	24	7	52	0.6156	0.386900000000	0.01	0.00
546	N	1	1	205.20	N	24	7	52	0.5412	0.386900000000	0.01	0.00
547	N	1	1	293.40	N	24	7	52	0.7738	0.386900000000	0.01	0.00
548	N	1	1	6250.00	N	24	7	52	16.4835	0.386900000000	0.25	0.00
549	N	1	1	2042.70	N	24	7	52	5.3873	0.386900000000	0.08	0.00
550	N	1	1	685.40	N	24	7	52	1.8076	0.386900000000	0.03	0.00
551	N	1	1	133.50	N	24	7	52	0.3521	0.446800000000	0.03	0.00
552	N	1	1	503.00	N	24	7	52	1.3266	0.386900000000	0.02	0.00
553	N	1	1	69.00	N	24	7	52	0.1820	0.446800000000	0.02	0.00
554	N	1	1	574.80	N	25	7	52	1.5791	0.446800000000	0.13	0.00
555	N	1	1	799.90	N	25	7	52	2.1975	0.446800000000	0.18	0.00
556	N	1	1	2773.40	N	25	7	52	7.6192	0.446800000000	0.62	0.00
557	N	1	1	0.00	F	24	7	52	0.0000	0.386900000000	0.00	0.00
558	N	1	1	14.03	N	25	7	52	0.0385	148.000000000000	0.21	0.00
559	N	1	1	10.81	N	25	7	52	0.0297	148.000000000000	0.17	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=117 COUNTYN=Kenton PLANT_ID=00086 MASAINAME=Interplastic Mfg Co Thermoset Resins Div ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
560	VOC	2111700086	117	00086	SEU134	1	30899999	1.000000000000	99.2	80	0.206400000000	N
561	VOC	2111700086	117	00086	SEU17	1	64520020	1.000000000000	99.2	80	0.206400000000	N
562	VOC	2111700086	117	00086	SEU18	1	64520020	1.000000000000	99.2	80	0.206400000000	N
563	VOC	2111700086	117	00086	SEU19	1	39999996	1.000000000000	99.2	80	0.206400000000	N
564	VOC	2111700086	117	00086	SEU26	1	30190013	1.000000000000	0.0	80	1.000000000000	N
565	VOC	2111700086	117	00086	SEU26	2	10201002	1.000000000000	0.0	80	1.000000000000	N
566	VOC	2111700086	117	00086	SEU29	1	64520020	1.000000000000	99.2	80	0.206400000000	N
567	VOC	2111700086	117	00086	SEU30	1	64520020	1.000000000000	99.2	80	0.206400000000	N
568	VOC	2111700086	117	00086	SEU33	1	10200602	1.000000000000	0.0	80	1.000000000000	N
569	VOC	2111700086	117	00086	SEU33	2	10201002	1.000000000000	0.0	80	1.000000000000	N
570	VOC	2111700086	117	00086	SEU34	1	64520020	1.000000000000	99.2	80	0.206400000000	N
571	VOC	2111700086	117	00086	SEU35	1	64520020	1.000000000000	99.2	80	0.206400000000	N
572	VOC	2111700086	117	00086	SEU37	1	64520020	1.000000000000	99.2	80	0.206400000000	N
573	VOC	2111700086	117	00086	SEU39	1	39999996	1.000000000000	0.0	80	1.000000000000	N
574	VOC	2111700086	117	00086	SEU44	1	64520020	1.000000000000	0.0	80	1.000000000000	N
575	VOC	2111700086	117	00086	SEU44	2	39999996	1.000000000000	0.0	80	1.000000000000	N
576	VOC	2111700086	117	00086	SEU45	1	39999996	1.000000000000	99.2	80	0.206400000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
560	N	1	1	6.67	N	25	7	52	0.0183	148.000000000000	0.10	0.00
561	N	1	1	2.50	N	24	7	52	0.0066	0.386900000000	0.00	0.00
562	N	1	1	546.70	N	24	7	52	1.4418	0.386900000000	0.02	0.00
563	N	1	1	169.22	F	24	7	52	0.4463	0.074993000000	0.00	0.00
564	N	1	1	0.45	F	24	7	6	0.0102	5.500000000000	0.00	0.00
565	N	1	1	0.00	F	24	7	6	0.0000	0.500000000000	0.00	0.00
566	N	1	1	43.90	N	24	7	52	0.1158	0.386900000000	0.00	0.00
567	N	1	1	0.00	N	24	7	52	0.0000	0.386900000000	0.00	0.00
568	N	1	1	0.00	N	0	7	6	0.0000	5.500000000000	0.00	0.00
569	N	1	1	0.00	N	0	7	6	0.0000	0.500000000000	0.00	0.00
570	N	1	1	2050.80	N	24	7	52	5.4087	0.386900000000	0.08	0.00
571	N	1	1	2143.20	N	24	7	52	5.6524	0.386900000000	0.09	0.00
572	N	1	1	1665.20	N	24	7	52	4.3917	0.386900000000	0.07	0.00
573	N	1	1	2369.40	N	25	7	52	6.5093	0.446800000000	0.53	0.00
574	N	1	1	107.00	N	24	7	52	0.2822	0.386900000000	0.02	0.00
575	N	1	1	24.20	N	24	7	52	0.0638	0.446800000000	0.01	0.00
576	N	1	1	101.42	F	24	7	52	0.2675	0.074993000000	0.00	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=117 COUNTYN=Kenton PLANT_ID=00086 MASAINAME=Interplastic Mfg Co Thermoset Resins Div ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
577	VOC	2111700086	117	00086	SEU48	1	64520020	1.000000000000	99.2	80	0.206400000000	N
578	VOC	2111700086	117	00086	SEU55	1	64520020	1.000000000000	99.2	80	0.206400000000	N
579	VOC	2111700086	117	00086	SEU57	1	64520011	1.000000000000	99.2	80	0.206400000000	N
580	VOC	2111700086	117	00086	SEU57	2	64520021	1.000000000000	99.2	80	0.206400000000	N
581	VOC	2111700086	117	00086	SEU58	1	64520011	1.000000000000	.	80	0.206400000000	N
582	VOC	2111700086	117	00086	SEU58	2	64520021	1.000000000000	.	80	0.206400000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
577	N	1	1	1152.60	N	24	7	52	3.0398	0.386900000000	0.05	0.00
578	N	1	1	319.50	N	24	7	52	0.8426	0.386900000000	0.01	0.00
579	N	1	1	4448.80	F	25	7	52	12.2220	4.600000000000	2.11	0.01
580	N	1	1	6355.40	F	25	7	52	17.4599	6.700000000000	4.39	0.01
581	N	1	1	.	Y	.	.	.	14.0060	.	2.52	0.01
582	N	1	1	.	Y	.	.	.	20.0089	.	5.25	0.01
											28.57	0.08

MASAINAME
PLANT_ID

											28.57	0.08

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=117 COUNTYN=Kenton PLANT_ID=00177 MASAINAME=Firestone Building Products Co ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
583	VOC	2111700177	117	00177	01	1	30510498	1.000000000000	0.00	80	1.000000000000	N
584	VOC	2111700177	117	00177	02	1	30510498	1.000000000000	98.33	80	0.213360000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
583	N	1	1	15592.95	N	25	7	52	42.84	1.700000000000	13.25	0.04
584	N	1	1	15592.95	N	25	7	52	42.84	8.800000000000	14.64	0.04

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=117 COUNTYN=Kenton PLANT_ID=00177 MASAINAME=Firestone Building Products Co ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
585	VOC	2111700177	117	00177	02	2	10200603	1.000000000000	0.00	80	1.000000000000	N
586	VOC	2111700177	117	00177	FUG 02	1	30199999	1.000000000000	0.00	80	1.000000000000	N
587	VOC	2111700177	117	00177	FUG 03	1	30180003	1.000000000000	0.00	80	1.000000000000	N
588	VOC	2111700177	117	00177	FUG 03	2	30180008	1.000000000000	0.00	80	1.000000000000	N
589	VOC	2111700177	117	00177	FUG 03	3	30180007	1.000000000000	0.00	80	1.000000000000	N
590	VOC	2111700177	117	00177	FUG04	1	39999994	1.000000000000	0.00	80	1.000000000000	N
591	VOC	2111700177	117	00177	IA1A	1	10200603	1.000000000000	0.00	80	1.000000000000	N
592	VOC	2111700177	117	00177	IA1B	1	10200603	1.000000000000	0.00	80	1.000000000000	N
593	VOC	2111700177	117	00177	IA2	1	10200603	1.000000000000	0.00	80	1.000000000000	N
594	VOC	2111700177	117	00177	IA3	1	39000699	1.000000000000	0.00	80	1.000000000000	N
595	VOC	2111700177	117	00177	IA5	1	40714698	1.000000000000	0.00	80	1.000000000000	N
596	VOC	2111700177	117	00177	IA5	2	40714697	1.000000000000	0.00	80	1.000000000000	N
597	VOC	2111700177	117	00177	IA6	1	40714698	1.000000000000	0.00	80	1.000000000000	N
598	VOC	2111700177	117	00177	IA6	2	40714697	1.000000000000	0.00	80	1.000000000000	N

MASAINAME												

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
585	N	1	1	3.79	N	25	7	52	0.01	5.500000000000	0.01	0.00
586	N	1	1	15592.95	N	25	7	52	42.84	0.832000000000	6.49	0.02
587	N	1	1	19.00	N	25	7	52	0.05	30.227800000000	0.29	0.00
588	N	1	1	3.00	N	25	7	52	0.01	308.800000000000	0.46	0.00
589	N	1	1	30.00	N	25	7	52	0.08	4.411800000000	0.07	0.00
590	N	1	1	30427967.00	N	25	7	13	334373.26	0.002400000000	36.51	0.40
591	N	1	1	3.79	N	0	7	52	0.00	5.500000000000	0.01	0.00
592	N	1	1	3.79	N	0	7	52	0.00	5.500000000000	0.01	0.00
593	N	1	1	3.79	N	25	7	52	0.01	5.500000000000	0.01	0.00
594	N	1	1	3.79	N	25	7	52	0.01	5.500000000000	0.01	0.00
595	N	1	1	1730.55	N	25	7	52	4.75	0.000000040000	0.00	0.00
596	N	1	1	48.00	N	25	7	52	0.13	0.000049800000	0.00	0.00
597	N	1	1	894.83	N	25	7	52	2.46	0.001300000000	0.00	0.00
598	N	1	1	48.00	N	25	7	52	0.13	0.170200000000	0.00	0.00
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MASAINAME											71.77	0.50

KENTUCKY 2011 OZONE PRECURSOR TEMPO EMISSIONS
ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
VOC PROCESS LEVEL EMISSIONS

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=117 COUNTYN=Kenton PLANT_ID=00177 MASAINAME=Firestone Building Products Co ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
PLANT_ID												
COUNTYN												
CNTY_CODE												
AREA												
POLLN												

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
PLANT_ID											71.77	0.50
COUNTYN											354.95	1.27
CNTY_CODE											354.95	1.27
AREA											1318.54	4.17
POLLN											1318.54	4.17
											1318.54	4.17

2011 Point Source Emissions
100% Rule Effectiveness

DAQ Facility ID	County	Facility Name	Annual VOC, 100% RE (tpy)	Summer Day VOC, 100% RE (tpd)	Annual NOx, 100% RE (tpy)	Summer Day NOx, 100% RE (tpd)
2101500004	Boone	Aristech Acrylics Llc	14.282	0.039	5.300	0.015
2101500010	Boone	Greif Industrial Packaging & Services LLC	74.579	0.287	2.407	0.009
2101500018	Boone	DRS Environmental Systems Inc	11.770	0.047	1.833	0.005
2101500019	Boone	Duro Bag Manufacturing	14.867	0.041	0.578	0.002
2101500029	Boone	Duke Energy KY East Bend	61.238	0.162	2667.105	7.039
2101500069	Boone	Camco Chemical Co	14.523	0.040	0.545	0.002
2101500077	Boone	Southern Graphic Systems Inc	24.132	0.041	0.096	0.000
2101500082	Boone	R R Donnelley - Nielsen Plant	89.863	0.288	1.100	0.004
2101500086	Boone	Duro Bag Mfg Co	34.126	0.092	5.280	0.009
2101500088	Boone	The Hennegan Co	14.267	0.039	0.925	0.003
2101500102	Boone	Sweco, Div of M-I, LLC	15.358	0.049	0.061	0.001
2101500114	Boone	Continental Web Press Inc	14.035	0.036	1.260	0.003
2101500120	Boone	Schwans Food Manufacturing Inc	54.681	0.220	6.990	0.087
2101500126	Boone	Keebler Foods Co	16.906	0.052	2.665	0.010
2101500142	Boone	Abrapower Inc	55.150	0.152	0.046	0.000
2101500144	Boone	Stonehouse Building Products LLC	17.767	0.068	0.135	0.000
2101500146	Boone	CW Zumbiel Packaging	28.728	0.079	2.286	0.006
		Boone County Subtotal	**556.271**	**1.730**	**2698.610**	**7.194**
2103700006	Campbell	IPSCO Tubulars KY Inc	37.720	0.148	0.000	0.000
2103700090	Campbell	Lafarge North America	27.695	0.076	60.164	0.165
		Campbell County Subtotal	**65.414**	**0.224**	**60.164**	**0.165**
2111700022	Kenton	Marathon Petroleum Co LP - Covington Terminal	19.172	0.053	1.485	0.004
2111700177	Kenton	Firestone Building Products Co	58.273	0.461	0.947	0.002
		Kenton County Subtotal	**77.445**	**0.514**	**2.432**	**0.006**
		NKY Nonattainment Area Totals	**699.131**	**2.468**	**2761.205**	**7.365**

DAQ_ALT_ID	COUNTY	FACILITY_NAME	NAICS	LATITUDE	LONGITUDE	STREET_ADDRESS	CITY	STATE	ZIP_CODE	VOC (tpy)	VOC (tpd)	NOx (TPY)	NOx (tpd)	STATUS	STATUS2
2101500004	Boone	Aristech Acrylics Llc	326113	38.988333	-84.621667	7350 Empire Dr	Florence	KY	41042	14.28230782	0.039237109	5.3	0.01456044	INAREA	MeetTons
2101500010	Boone	Greif Industrial Packaging & Services LLC	332439	38.978889	-84.629444	7425 Industrial Rd	Florence	KY	41042	74.57916869	0.286842957	2.407	0.009257692	INAREA	MeetTons
2101500018	Boone	DRS Environmental Systems Inc	333415	38.9785	-84.625694	7375 Industrial Rd	Florence	KY	41042	11.76998668	0.04692062	1.83291893	0.005112204	INAREA	MeetTons
2101500019	Boone	Duro Bag Manufacturing	322220	38.97621	-84.63238	7600 Empire Dr	Florence	KY	41042	14.8666731	0.040859169	0.578	0.001890797	INAREA	MeetTons
2101500029	Boone	Duke Energy KY East Bend	221112	38.9031	-84.8511	6293 Beaver Rd	Union	KY	41091	61.23756547	0.161677786	2667.104642	7.039307401	INAREA	MeetTons
2101500069	Boone	Camco Chemical Co	325611	38.974536	-84.611026	8150 Holton Dr	Florence	KY	41042	14.52280716	0.039930761	0.545	0.002096154	INAREA	MeetTons
2101500077	Boone	Southern Graphic Systems Inc	323120	38.972075	-84.623779	7435 Empire Dr	Florence	KY	41042	24.1320221	0.04061486	0.096	1.05495E-05	INAREA	MeetTons
2101500082	Boone	R R Donnelley - Nielsen Plant	323111	38.978611	-84.629222	7405 Industrial Rd	Florence	KY	41042	89.86312903	0.287506667	1.0995	0.003541484	INAREA	MeetTons
2101500086	Boone	Duro Bag Mfg Co	322220	38.920556	-84.611111	1 Duro Way	Walton	KY	41094	34.1264084	0.092192516	5.28	0.009065934	INAREA	MeetTons
2101500088	Boone	The Hennegan Co	323111	38.970502	-84.62561	7455 Empire Dr	Florence	KY	41042	14.26679733	0.039194498	0.92485	0.002540797	INAREA	MeetTons
2101500102	Boone	Sweco, Div of M-I, LLC	333999	38.977917	-84.618861	8029 US 25	Florence	KY	41042	15.35832	0.049225385	0.0611226	0.001175435	INAREA	MeetTons
2101500114	Boone	Continental Web Press Inc	323111	38.91611	-84.631944	125 Richwood Rd	Walton	KY	41094	14.03458497	0.036108665	1.259515	0.003261037	INAREA	MeetTons
2101500120	Boone	Schwans Food Manufacturing Inc	311412	38.974444	-84.631944	7605 Empire Dr	Florence	KY	41042	54.68113748	0.219527706	6.9896017	0.086783024	INAREA	MeetTons
2101500126	Boone	Keebler Foods Co	311821	38.9675	-84.633611	500 Weaver Rd	Florence	KY	41042	16.90560633	0.052137972	2.6646185	0.009558171	INAREA	MeetTons
2101500142	Boone	Abrapower Inc	332999	38.983333	-84.629167	8055 Dixie Hwy	Florence	KY	41042	55.14974903	0.151504684	0.046455	2.55247E-05	INAREA	MeetTons
2101500144	Boone	Stonehouse Building Products LLC	326199	38.9725	-84.631111	8025 Bluegrass Dr	Florence	KY	41042	17.76717327	0.068028728	0.135435	0	INAREA	MeetTons
2101500146	Boone	CW Zumbiel Packaging	323111	39.041667	-84.707222	2100 Gateway Blvd	Hebron	KY	41048	28.72800987	0.078923104	2.2855	0.006278846	INAREA	MeetTons
2103700006	Campbell	IPSCO Tubulars KY Inc	33121	39.053611	-84.495278	100 Steel Plant Rd	Wilder	KY	41071	37.71958832	0.147768264	0	0	INAREA	MeetTons
2103700090	Campbell	Lafarge North America	32742	39.039167	-84.398333	5145 Mary Ingles Hwy	Silver Grove	KY	41085	27.69459634	0.076084056	60.16355603	0.165284495	INAREA	MeetTons
2111700022	Kenton	Marathon Petroleum Co LP - Covington Terminal	42471	39.055556	-84.5	230 E 33rd St	Covington	KY	41015	19.17189535	0.052670042	1.484614958	0.004078613	INAREA	MeetTons
2111700177	Kenton	Firestone Building Products Co	32615	38.974736	-84.609493	8170 Holton Dr	Independence	KY	41042	58.27329884	0.460970181	0.947	0.001560989	INAREA	MeetTons

KENTUCKY 2011 POINT SOURCE OZONE PRECURSOR TEMPO EMISSIONS
REGARDING THE CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
KENTUCKY COUNTIES OF BOONE, CAMPBELL, AND KENTON
ACTUAL EMISSIONS - SOURCES >= 10 Tons Per Year for VOC OR >= 100 Tons Per Year for NO2
EPA 100% RULE EFFECTIVENESS APPLIED FOR VOC and NO2

AREA=Cincinnati-Hamilton COUNTYN=Boone

Obs	MASAINAME	ALTFACID	MASTER_ AI_ID	COUNTYN	CNTY_ CODE	VOC Tons Per Year	VOC Tons Per Summer Day	NO2 Tons Per Year	NO2 Tons Per Summer Day
1	Aristech Acrylics LLC	2101500004	141	Boone	015	14.28	0.04	5.30	0.01
2	Greif Industrial Packaging & Services LLC	2101500010	272	Boone	015	74.58	0.29	2.41	0.01
3	DRS Environmental Systems Inc	2101500018	196	Boone	015	11.77	0.05	1.83	0.01
4	Duro Bag Manufacturing Co	2101500019	174	Boone	015	14.87	0.04	0.58	0.00
5	Duke Energy KY East Bend	2101500029	176	Boone	015	61.24	0.16	2667.10	7.04
6	Camco Chemical Co Inc	2101500069	162	Boone	015	14.52	0.04	0.55	0.00
7	Southern Graphic Systems LLC	2101500077	212	Boone	015	24.13	0.04	0.10	0.00
8	R R Donnelley - Florence Facility	2101500082	222	Boone	015	89.86	0.29	1.10	0.00
9	Duro Bag Manufacturing Co	2101500086	175	Boone	015	34.13	0.09	5.28	0.01
10	The Hennegan Co	2101500088	37191	Boone	015	14.27	0.04	0.92	0.00
11	Sweco Inc	2101500102	254	Boone	015	15.36	0.05	0.06	0.00
12	Continental Web Press Inc	2101500114	37167	Boone	015	14.03	0.04	1.26	0.00
13	Schwan's Global Supply Chain LLC	2101500120	241	Boone	015	54.68	0.22	6.99	0.09
14	Keebler Foods Co	2101500126	179	Boone	015	16.91	0.05	2.66	0.01
15	Abrapower Ltd	2101500142	45190	Boone	015	55.15	0.15	0.05	0.00
16	Stonehouse Building Products LLC	2101500144	49151	Boone	015	17.77	0.07	0.14	0.00
17	Zumbiel Packaging	2101500146	50899	Boone	015	28.73	0.08	2.29	0.01
COUNTYN						556.27	1.73	2698.61	7.19

AREA=Cincinnati-Hamilton COUNTYN=Campbell

Obs	MASAINAME	ALTFACID	MASTER_ AI_ID	COUNTYN	CNTY_ CODE	VOC Tons Per Year	VOC Tons Per Summer Day	NO2 Tons Per Year	NO2 Tons Per Summer Day
18	IPSCO Tubulars Inc	2103700006	613	Campbell	037	37.72	0.15	0.00	0.00
19	Continental Silver Grove LLC	2103700090	591	Campbell	037	27.69	0.08	60.16	0.17
COUNTYN						65.41	0.22	60.16	0.17

AREA=Cincinnati-Hamilton COUNTYN=Kenton

Obs	MASAINAME	ALTFACID	MASTER_ AI_ID	COUNTYN	CNTY_ CODE	VOC Tons Per Year	VOC Tons Per Summer Day	NO2 Tons Per Year	NO2 Tons Per Summer Day
20	Marathon Petroleum Co LP - Covington Terminal	2111700022	2479	Kenton	117	19.17	0.05	1.48	0.00
21	Firestone Building Products Co	2111700177	71732	Kenton	117	58.27	0.46	0.95	0.00

KENTUCKY 2011 POINT SOURCE OZONE PRECURSOR TEMPO EMISSIONS
REGARDING THE CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
KENTUCKY COUNTIES OF BOONE, CAMPBELL, AND KENTON
ACTUAL EMISSIONS - SOURCES >= 10 Tons Per Year for VOC OR >= 100 Tons Per Year for NO2
EPA 100% RULE EFFECTIVENESS APPLIED FOR VOC and NO2

AREA=Cincinnati-Hamilton COUNTYN=Kenton

(continued)

Obs	MASAINAME	ALTFACID	MASTER_ AI_ID	COUNTYN	CNTY_ CODE	VOC Tons Per Year	VOC Tons Per Summer Day	NO2 Tons Per Year	NO2 Tons Per Summer Day
COUNTYN						77.45	0.51	2.43	0.01
AREA						699.13	2.47	2761.21	7.37
						699.13	2.47	2761.21	7.37

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00004 MASAINAME=Aristech Acrylics LLC ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
1	NO2	2101500004	015	00004	002	1	10200602	1.000000000000	0	100	1.000000000000	N
2	NO2	2101500004	015	00004	002	2	10200401	1.000000000000	0	100	1.000000000000	N
3	NO2	2101500004	015	00004	002	3	10200502	1.000000000000	0	100	1.000000000000	N
4	NO2	2101500004	015	00004	003	1	10200602	1.000000000000	0	100	1.000000000000	N
5	NO2	2101500004	015	00004	003	2	10200401	1.000000000000	0	100	1.000000000000	N
6	NO2	2101500004	015	00004	003	3	10200502	1.000000000000	0	100	1.000000000000	N
7	NO2	2101500004	015	00004	004	1	10200602	1.000000000000	0	100	1.000000000000	N
8	NO2	2101500004	015	00004	004	2	10200401	1.000000000000	0	100	1.000000000000	N
9	NO2	2101500004	015	00004	004	3	10200502	1.000000000000	0	100	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
1	N	1	1	18	F	25	7	52	0.04945	100.000000000000	0.90	0.00
2	N	1	1	0	F	25	7	52	0.00000	55.000000000000	0.00	0.00
3	N	1	1	0	F	25	7	52	0.00000	20.000000000000	0.00	0.00
4	N	1	1	77	F	25	7	52	0.21154	100.000000000000	3.85	0.01
5	N	1	1	0	F	25	7	52	0.00000	55.000000000000	0.00	0.00
6	N	1	1	0	F	25	7	52	0.00000	20.000000000000	0.00	0.00
7	N	1	1	11	F	25	7	52	0.03022	100.000000000000	0.55	0.00
8	N	1	1	0	F	25	7	52	0.00000	55.000000000000	0.00	0.00
9	N	1	1	0	F	25	7	52	0.00000	20.000000000000	0.00	0.00
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MASAINAME											5.30	0.01
PLANT_ID											5.30	0.01

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00010 MASAINAME=Greif Industrial Packaging & Services LLC ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
10	NO2	2101500010	015	00010	001	3	40201001	1.000000000000	0	100	1.000000000000	N
11	NO2	2101500010	015	00010	001	5	40201001	1.000000000000	0	100	1.000000000000	N
12	NO2	2101500010	015	00010	002	2	40201001	1.000000000000	0	100	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
10	N	1	1	15.89	F	25	5	52	0.06112	100.000000000000	0.79	0.00
11	N	1	1	28.40	F	25	5	52	0.10923	100.000000000000	1.42	0.01
12	N	1	1	3.85	F	25	5	52	0.01481	100.000000000000	0.19	0.00
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MASAINAME											2.41	0.01
PLANT_ID											2.41	0.01

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00018 MASAINAME=DRS Environmental Systems Inc ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
13	NO2	2101500018	015	00018	11	1	10500106	1.000000000000	0	100	1.000000000000	N
14	NO2	2101500018	015	00018	11	2	10500106	1.000000000000	0	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
13	N	1	1	9.7976	N	25	7	52	0.026916	100.000000000000	0.49	0.00
14	N	1	1	1.2247	N	25	7	52	0.003365	100.000000000000	0.06	0.00

KENTUCKY 2011 OZONE PRECURSOR TEMPO EMISSIONS
ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
NO2 PROCESS LEVEL EMISSIONS

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00018 MASAINAME=DRS Environmental Systems Inc ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
15	NO2	2101500018	015	00018	13	2	20300101	1.000000000000	0	100	1.000000000000	N
16	NO2	2101500018	015	00018	13	3	20300101	1.000000000000	0	100	1.000000000000	N
17	NO2	2101500018	015	00018	14	1	20300101	1.000000000000	0	100	1.000000000000	N
18	NO2	2101500018	015	00018	EP 01	2	40201001	1.000000000000	0	100	1.000000000000	N
19	NO2	2101500018	015	00018	EP 08	2	40201001	1.000000000000	0	100	1.000000000000	N
20	NO2	2101500018	015	00018	EP 09	2	40201001	1.000000000000	0	100	1.000000000000	N
21	NO2	2101500018	015	00018	EP 10	2	40201001	1.000000000000	0	100	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
15	N	1	1	0.0000	N	25	7	52	0.000000	617.400000000000	0.00	0.00
16	N	1	1	0.3855	N	25	7	52	0.001059	617.400000000000	0.12	0.00
17	N	1	1	3.5684	N	25	7	52	0.009803	617.400000000000	1.10	0.00
18	N	1	1	0.0000	N	25	5	50	0.000000	100.000000000000	0.00	0.00
19	N	1	1	1.2247	N	25	5	50	0.004899	100.000000000000	0.06	0.00
20	N	1	1	0.0000	N	25	5	50	0.000000	100.000000000000	0.00	0.00
21	N	1	1	0.0000	N	25	5	50	0.000000	100.000000000000	0.00	0.00
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MASAINAME											1.83	0.01
PLANT_ID											1.83	0.01

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00019 MASAINAME=Duro Bag Manufacturing Co ----------

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
22	NO2	2101500019	015	00019	001	2	39000699	1.000000000000	0	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
22	N	1	1	7.78	N	25	7	52	0.021374	100.000000000000	0.39	0.00

KENTUCKY 2011 OZONE PRECURSOR TEMPO EMISSIONS
ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
NO2 PROCESS LEVEL EMISSIONS

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00019 MASAINAME=Duro Bag Manufacturing Co ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
23	NO2	2101500019	015	00019	IA1	1	39000699	1.000000000000	0	100	1.000000000000	N
24	NO2	2101500019	015	00019	IA2	1	10200603	1.000000000000	0	100	1.000000000000	N
MASAINAME												
PLANT_ID												

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
23	N	1	1	1.89	N	25	7	24	0.011250	100.000000000000	0.09	0.00
24	N	1	1	1.89	N	25	7	52	0.005192	100.000000000000	0.09	0.00
MASAINAME											0.58	0.00
PLANT_ID											0.58	0.00

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00029 MASAINAME=Duke Energy KY East Bend ----------

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
25	NO2	2101500029	015	00029	002	1	10100202	1.000000000000	88.136	100	0.118640000000	N
26	NO2	2101500029	015	00029	002	2	10100501	1.000000000000	0.000	100	1.000000000000	N
27	NO2	2101500029	015	00029	013	1	39999995	1.000000000000	0.000	100	1.000000000000	N
MASAINAME												

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
25	N	1	1	2037462.00	F	24	7	52	5373.53	22.000000000000	2658.97	7.01
26	N	1	1	671.82	F	24	7	52	1.77	24.000000000000	8.06	0.02
27	N	1	1	338.00	F	22	1	12	24.79	0.434000000000	0.07	0.01
MASAINAME											2667.10	7.04

KENTUCKY 2011 OZONE PRECURSOR TEMPO EMISSIONS
ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
NO2 PROCESS LEVEL EMISSIONS

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00029 MASAINAME=Duke Energy KY East Bend ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF

PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
PLANT_ID											2667.10	7.04

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00069 MASAINAME=Camco Chemical Co Inc ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
28	NO2	2101500069	015	00069	001	1	10200603	1.000000000000	0	100	1.000000000000	N
29	NO2	2101500069	015	00069	009	1	10200603	1.000000000000	0	100	1.000000000000	N
30	NO2	2101500069	015	00069	009	2	10200502	1.000000000000	0	100	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
28	N	1	1	4.36	F	25	5	52	0.016769	100.000000000000	0.22	0.00
29	N	1	1	6.54	F	25	5	52	0.025154	100.000000000000	0.33	0.00
30	N	1	1	0.00	F	25	5	52	0.000000	20.000000000000	0.00	0.00
MASAINAME											0.55	0.00
PLANT_ID											0.55	0.00

KENTUCKY 2011 OZONE PRECURSOR TEMPO EMISSIONS
ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
NO2 PROCESS LEVEL EMISSIONS

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00077 MASAINAME=Southern Graphic Systems LLC ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
31	NO2	2101500077	015	00077	IA06	1	10200603	1.000000000000	0	100	1.000000000000	N
32	NO2	2101500077	015	00077	IA07	1	10200603	1.000000000000	0	100	1.000000000000	N
33	NO2	2101500077	015	00077	IA14	1	10200603	1.000000000000	0	100	1.000000000000	N
34	NO2	2101500077	015	00077	R001E	1	10200603	1.000000000000	0	100	1.000000000000	N
35	NO2	2101500077	015	00077	R001F	1	10200603	1.000000000000	0	100	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
31	N	1	1	0.33	F	1	7	52	.000036264	100.000000000000	0.02	0.00
32	N	1	1	0.08	F	1	7	52	.000008791	100.000000000000	0.00	0.00
33	N	1	1	1.51	F	1	7	52	.000165934	100.000000000000	0.08	0.00
34	N	1	1	0.00	F	0	7	52	0	100.000000000000	0.00	0.00
35	N	1	1	0.00	F	0	7	52	0	100.000000000000	0.00	0.00

MASAINAME
PLANT_ID

											NO2 Tons Per Year	NO2 Tons Per Summer Day
											0.10	0.00
											0.10	0.00

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00082 MASAINAME=R R Donnelley - Florence Facility ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
36	NO2	2101500082	015	00082	004	4	39000699	1.000000000000	0	100	1.000000000000	N
37	NO2	2101500082	015	00082	006	5	39000699	1.000000000000	0	100	1.000000000000	N
38	NO2	2101500082	015	00082	012	5	39000699	1.000000000000	0	100	1.000000000000	N
39	NO2	2101500082	015	00082	013	4	39000699	1.000000000000	0	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
36	N	1	1	5.17	F	25	5	52	0.019885	100.000000000000	0.26	0.00
37	N	1	1	5.20	F	25	7	52	0.014286	100.000000000000	0.26	0.00
38	N	1	1	7.31	F	25	7	52	0.020082	100.000000000000	0.37	0.00
39	N	1	1	4.31	F	25	5	52	0.016577	100.000000000000	0.22	0.00

KENTUCKY 2011 OZONE PRECURSOR TEMPO EMISSIONS
ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
NO2 PROCESS LEVEL EMISSIONS

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00082 MASAINAME=R R Donnelley - Florence Facility ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
40	NO2	2101500082	015	00082	015	4	39000699	1.000000000000	0	100	1.000000000000	N
41	NO2	2101500082	015	00082	C1	1	40290013	1.000000000000	0	100	1.000000000000	N
42	NO2	2101500082	015	00082	R002	4	39000699	1.000000000000	0	100	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
40	N	1	1	0.00	F	0	7	52	0.000000	100.000000000000	0.00	0.00
41	N	1	1	0.00	N	0	7	52	0.000000	100.000000000000	0.00	0.00
42	N	1	1	0.00	F	0	5	52	0.000000	100.000000000000	0.00	0.00
MASAINAME											1.10	0.00
PLANT_ID											1.10	0.00

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00086 MASAINAME=Duro Bag Manufacturing Co ----------

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
43	NO2	2101500086	015	00086	001	1	10200603	1.000000000000	0	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
43	N	1	1	13.2	F	25	7	52	0.036264	100.000000000000	0.66	0.00

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00086 MASAINAME=Duro Bag Manufacturing Co ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
44	NO2	2101500086	015	00086	002	1	39000699	1.000000000000	0	100	1.000000000000	N
45	NO2	2101500086	015	00086	002	2	39000699	1.000000000000	0	100	1.000000000000	N
46	NO2	2101500086	015	00086	003	1	39000699	1.000000000000	0	100	1.000000000000	N
47	NO2	2101500086	015	00086	003	2	39000699	1.000000000000	0	100	1.000000000000	N
48	NO2	2101500086	015	00086	P08	2	39000699	1.000000000000	0	100	1.000000000000	N
49	NO2	2101500086	015	00086	P08	3	39000699	1.000000000000	0	100	1.000000000000	N
50	NO2	2101500086	015	00086	P10	3	39000699	1.000000000000	0	100	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
44	N	1	1	13.2	F	25	7	52	0.036264	100.000000000000	0.66	0.00
45	N	1	1	13.2	F	25	7	52	0.036264	100.000000000000	0.66	0.00
46	N	1	1	13.2	F	25	7	52	0.036264	100.000000000000	0.66	0.00
47	N	1	1	13.2	F	25	7	52	0.036264	100.000000000000	0.66	0.00
48	N	1	1	13.2	F	0	1	1	0.000000	100.000000000000	0.66	0.00
49	N	1	1	13.2	F	0	1	1	0.000000	100.000000000000	0.66	0.00
50	N	1	1	13.2	F	0	1	1	0.000000	100.000000000000	0.66	0.00

MASAINAME
PLANT_ID

											NO2 Tons Per Year	NO2 Tons Per Summer Day
											5.28	0.01
											5.28	0.01

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00088 MASAINAME=The Hennegan Co ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
51	NO2	2101500088	015	00088	EP01	5	39000699	1.000000000000	0	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
51	N	1	1	0.212	N	25	7	52	0.000582	100.000000000000	0.01	0.00

KENTUCKY 2011 OZONE PRECURSOR TEMPO EMISSIONS
ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
NO2 PROCESS LEVEL EMISSIONS

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00088 MASAINAME=The Hennegan Co ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
52	NO2	2101500088	015	00088	EP01	6	39000699	1.000000000000	0	100	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
52	N	1	1	18.285	N	25	7	52	0.050234	100.000000000000	0.91	0.00
MASAINAME											0.92	0.00
PLANT_ID											0.92	0.00

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00102 MASAINAME=Sweco Inc ----------

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
53	NO2	2101500102	015	00102	EP08	1	20200102	1.000000000000	0	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
53	N	1	1	0.198	N	25	1	52	.003807692	617.400000000000	0.06	0.00

KENTUCKY 2011 OZONE PRECURSOR TEMPO EMISSIONS
ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
NO2 PROCESS LEVEL EMISSIONS

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00114 MASAINAME=Continental Web Press Inc ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
54	NO2	2101500114	015	00114	002	8	10200603	1.000000000000	0	100	1.000000000000	N
55	NO2	2101500114	015	00114	003	8	10200603	1.000000000000	0	100	1.000000000000	N
56	NO2	2101500114	015	00114	004	1	10200603	1.000000000000	0	100	1.000000000000	N
57	NO2	2101500114	015	00114	005	8	10200603	1.000000000000	0	100	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
54	N	1	1	2.0000	F	26	7	52	0.005714	100.000000000000	0.10	0.00
55	N	1	1	6.6455	F	25	7	52	0.018257	100.000000000000	0.33	0.00
56	N	1	1	10.1700	F	25	7	52	0.027940	100.000000000000	0.51	0.00
57	N	1	1	6.3748	F	19	7	52	0.013310	100.000000000000	0.32	0.00
											---	---
MASAINAME											1.26	0.00
PLANT_ID											1.26	0.00

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00120 MASAINAME=Schwan's Global Supply Chain LLC ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX
58	NO2	2101500120	015	00120	EU01	1	10200602	1.000000000000	0	100	1.000000000000

Obs	ASHF	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
58	N	N	1	1	0.950	F	25	5	5	0.03800	100.000000000000	0.05	0.00

KENTUCKY 2011 OZONE PRECURSOR TEMPO EMISSIONS
ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
NO2 PROCESS LEVEL EMISSIONS

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00120 MASAINAME=Schwan's Global Supply Chain LLC ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX
59	NO2	2101500120	015	00120	EU02	2	10200603	1.000000000000	0	100	1.000000000000
60	NO2	2101500120	015	00120	EU03	2	10200603	1.000000000000	0	100	1.000000000000
61	NO2	2101500120	015	00120	EU04	1	10200602	1.000000000000	0	100	1.000000000000
62	NO2	2101500120	015	00120	EU05	1	10200603	1.000000000000	0	100	1.000000000000
63	NO2	2101500120	015	00120	EU05	3	10200603	1.000000000000	0	100	1.000000000000
64	NO2	2101500120	015	00120	EU06	1	39000699	1.000000000000	0	100	1.000000000000
65	NO2	2101500120	015	00120	EU07	1	20200253	1.000000000000	0	100	1.000000000000
66	NO2	2101500120	015	00120	EU08	1	20200253	1.000000000000	0	100	1.000000000000
67	NO2	2101500120	015	00120	EU09	1	10200603	1.000000000000	0	100	1.000000000000
68	NO2	2101500120	015	00120	IA01	1	10200603	1.000000000000	0	100	1.000000000000
69	NO2	2101500120	015	00120	IA02	1	10200603	1.000000000000	0	100	1.000000000000
70	NO2	2101500120	015	00120	IA03	1	20201001	1.000000000000	0	100	1.000000000000
71	NO2	2101500120	015	00120	IA04	1	20201001	1.000000000000	0	100	1.000000000000
72	NO2	2101500120	015	00120	IA05	1	10200603	1.000000000000	0	100	1.000000000000
73	NO2	2101500120	015	00120	IA06	1	10200603	1.000000000000	0	100	1.000000000000
74	NO2	2101500120	015	00120	R-EQ01	1	10200603	1.000000000000	0	100	1.000000000000

Obs	ASHF	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
59	N	N	1	1	11.320	F	25	5	50	0.04528	100.000000000000	0.57	0.00
60	N	N	1	1	13.590	F	25	5	50	0.05436	100.000000000000	0.68	0.00
61	N	N	1	1	18.800	N	25	6	35	0.08952	100.000000000000	0.94	0.00
62	N	N	1	1	9.060	N	25	5	52	0.03485	100.000000000000	0.45	0.00
63	N	N	1	1	1.700	N	25	5	52	0.00654	100.000000000000	0.09	0.00
64	N	N	1	1	13.590	N	25	5	24	0.11325	100.000000000000	0.68	0.01
65	N	N	1	1	0.290	N	25	1	12	0.02417	2210.000000000000	0.32	0.03
66	N	N	1	1	0.300	N	25	1	12	0.02500	2210.000000000000	0.33	0.03
67	N	N	1	1	6.790	F	25	5	50	0.02716	100.000000000000	0.34	0.00
68	N	N	1	1	20.280	N	25	5	50	0.08112	100.000000000000	1.01	0.00
69	N	N	1	1	8.160	N	25	5	50	0.03264	100.000000000000	0.41	0.00
70	N	N	1	1	1.695	F	25	5	26	0.01304	290.060000000000	0.25	0.00
71	N	N	1	1	1.695	F	25	5	26	0.01304	290.060000000000	0.25	0.00
72	N	N	1	1	12.680	F	25	5	50	0.05072	100.000000000000	0.63	0.00
73	N	N	1	1	0.000	F	25	1	1	0.00000	100.000000000000	0.00	0.00
74	N	N	1	1	0.000	F	25	1	1	0.00000	100.000000000000	0.00	0.00

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00120 MASAINAME=Schwan's Global Supply Chain LLC ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX

MASAINAME											
PLANT_ID											

Obs	ASHF	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
---												---	---
MASAINAME												6.99	0.09
PLANT_ID												6.99	0.09

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00126 MASAINAME=Keebler Foods Co ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
75	NO2	2101500126	015	00126	00001a	1	39000699	1.000000000000	0	100	1.000000000000	N
76	NO2	2101500126	015	00126	00001a	2	39001099	1.000000000000	0	100	1.000000000000	N
77	NO2	2101500126	015	00126	00002	1	39000699	1.000000000000	0	100	1.000000000000	N
78	NO2	2101500126	015	00126	00002	2	39001099	1.000000000000	0	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
75	N	1	1	14.760	F	26	6	48	0.053300	100.000000000000	0.74	0.00
76	N	1	1	0.347	F	26	6	48	0.001253	13.000000000000	0.00	0.00
77	N	1	1	16.450	F	26	6	48	0.059403	100.000000000000	0.82	0.00
78	N	1	1	0.387	F	26	6	48	0.001398	13.000000000000	0.00	0.00

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00126 MASAINAME=Keebler Foods Co ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
79	NO2	2101500126	015	00126	00002a	1	39000699	1.000000000000	0	100	1.000000000000	N
80	NO2	2101500126	015	00126	00002a	2	39001099	1.000000000000	0	100	1.000000000000	N
81	NO2	2101500126	015	00126	000304	1	10300603	1.000000000000	0	100	1.000000000000	N
82	NO2	2101500126	015	00126	000304	2	10301002	1.000000000000	0	100	1.000000000000	N
83	NO2	2101500126	015	00126	050607	1	10300603	1.000000000000	0	100	1.000000000000	N
84	NO2	2101500126	015	00126	050607	2	10301002	1.000000000000	0	100	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
79	N	1	1	0.980	F	21	7	52	0.002262	100.000000000000	0.05	0.00
80	N	1	1	0.023	F	21	7	52	0.000053	13.000000000000	0.00	0.00
81	N	1	1	12.510	F	26	6	48	0.045175	100.000000000000	0.63	0.00
82	N	1	1	0.294	F	26	6	48	0.001062	13.000000000000	0.00	0.00
83	N	1	1	8.430	F	26	6	48	0.030442	100.000000000000	0.42	0.00
84	N	1	1	0.198	F	26	6	48	0.000715	13.000000000000	0.00	0.00

MASAINAME
PLANT_ID

	2.66	0.01
	2.66	0.01

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00142 MASAINAME=Abrapower Ltd ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
85	NO2	2101500142	015	00142	IA6	1	10500106	1.000000000000	0	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
85	N	1	1	0.9291	N	5	7	52	.000510495	100.000000000000	0.05	0.00

KENTUCKY 2011 OZONE PRECURSOR TEMPO EMISSIONS
ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
NO2 PROCESS LEVEL EMISSIONS

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00144 MASAINAME=Stonehouse Building Products LLC ----------

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX
86	NO2	2101500144	015	00144	15	1	10500106	1.000000000000	0	100	1.000000000000

Obs	ASHF	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
86	N	N	1	1	2.7087	N	0	5	52	0	100.000000000000	0.14	0.00

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00146 MASAINAME=Zumbiel Packaging ----------

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
87	NO2	2101500146	015	00146	EP 01	7	40201001	1.000000000000	0	100	1.000000000000	N
88	NO2	2101500146	015	00146	EP 02	7	40201001	1.000000000000	0	100	1.000000000000	N
89	NO2	2101500146	015	00146	EP 02	8	40201001	1.000000000000	0	100	1.000000000000	N
90	NO2	2101500146	015	00146	EP 03	7	40201001	1.000000000000	0	100	1.000000000000	N
91	NO2	2101500146	015	00146	EP 03	8	40201001	1.000000000000	0	100	1.000000000000	N
92	NO2	2101500146	015	00146	EP 04	7	40201001	1.000000000000	0	100	1.000000000000	N
93	NO2	2101500146	015	00146	EP 07	5	40201001	1.000000000000	0	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
87	N	1	1	11.90	N	25	7	52	0.032692	100.000000000000	0.60	0.00
88	N	1	1	0.22	N	25	7	52	0.000604	100.000000000000	0.01	0.00
89	N	1	1	0.00	N	25	7	52	0.000000	100.000000000000	0.00	0.00
90	N	1	1	9.80	N	25	7	52	0.026923	100.000000000000	0.49	0.00
91	N	1	1	4.80	N	25	7	52	0.013187	100.000000000000	0.24	0.00
92	N	1	1	11.19	N	25	7	52	0.030742	100.000000000000	0.56	0.00
93	N	1	1	5.10	N	25	7	52	0.014011	100.000000000000	0.26	0.00

KENTUCKY 2011 OZONE PRECURSOR TEMPO EMISSIONS
ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
NO2 PROCESS LEVEL EMISSIONS

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00146 MASAINAME=Zumbiel Packaging ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	SCC	INC	CTEFF	RE	CTEFFX	ASHF
94	NO2	2101500146	015	00146	EP 08	5	40201001	1.000000000000	0	100	1.000000000000	N

MASAINAME
PLANT_ID
COUNTYN
CNTY_CODE

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
94	N	1	1	2.70	N	25	7	52	0.007418	100.000000000000	0.14	0.00
---											---	---
MASAINAME											2.29	0.01
PLANT_ID											2.29	0.01
COUNTYN											2698.61	7.19
CNTY_CODE											2698.61	7.19

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=037 COUNTYN=Campbell PLANT_ID=00090 MASAINAME=Continental Silver Grove LLC ----------

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	SCC	INC	CTEFF	RE	CTEFFX	ASHF
95	NO2	2103700090	037	00090	EG02	4	20200102	1.000000000000	0	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
95	N	1	1	4.834	F	25	7	52	0.01328	620.000000000000	1.50	0.00

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=037 COUNTYN=Campbell PLANT_ID=00090 MASAINAME=Continental Silver Grove LLC ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
96	NO2	2103700090	037	00090	EG05	3	39000699	1.000000000000	0	100	1.000000000000	N
97	NO2	2103700090	037	00090	EG05	8	39000699	1.000000000000	0	100	1.000000000000	N
98	NO2	2103700090	037	00090	EG07	2	39000699	1.000000000000	0	100	1.000000000000	N
99	NO2	2103700090	037	00090	EG07	4	39000699	1.000000000000	0	100	1.000000000000	N
100	NO2	2103700090	037	00090	EG07	6	39000699	1.000000000000	0	100	1.000000000000	N
101	NO2	2103700090	037	00090	EG07	8	39000699	1.000000000000	0	100	1.000000000000	N
102	NO2	2103700090	037	00090	EG07	10	39000699	1.000000000000	0	100	1.000000000000	N
103	NO2	2103700090	037	00090	EG07	12	39000699	1.000000000000	0	100	1.000000000000	N
104	NO2	2103700090	037	00090	EG07	16	39000699	1.000000000000	0	100	1.000000000000	N
105	NO2	2103700090	037	00090	EG07	18	39000699	1.000000000000	0	100	1.000000000000	N
106	NO2	2103700090	037	00090	REG5-2	8	39000699	1.000000000000	0	100	1.000000000000	N
107	NO2	2103700090	037	00090	REG7-2	12	39000699	1.000000000000	0	100	1.000000000000	N
108	NO2	2103700090	037	00090	REG7-2	16	39000699	1.000000000000	0	100	1.000000000000	N
109	NO2	2103700090	037	00090	REG7-2	18	39000699	1.000000000000	0	100	1.000000000000	N

MASAINAME												

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
96	N	1	1	504.001	F	25	7	52	1.38462	69.900000000000	17.61	0.05
97	N	1	1	475.478	F	25	7	52	1.30626	47.580000000000	11.31	0.03
98	N	1	1	60.826	F	25	7	52	0.16710	144.940000000000	4.41	0.01
99	N	1	1	151.718	F	25	7	52	0.41681	78.750000000000	5.97	0.02
100	N	1	1	87.031	F	25	7	52	0.23910	40.530000000000	1.76	0.00
101	N	1	1	100.634	F	25	7	52	0.27647	30.850000000000	1.55	0.00
102	N	1	1	89.515	F	25	7	52	0.24592	73.530000000000	3.29	0.01
103	N	1	1	142.211	F	25	7	52	0.39069	84.610000000000	6.02	0.02
104	N	1	1	87.980	F	25	7	52	0.24170	60.890000000000	2.68	0.01
105	N	1	1	122.911	F	25	7	52	0.33767	65.980000000000	4.05	0.01
106	N	1	1	0.000	F	25	7	52	0.00000	20.000000000000	0.00	0.00
107	N	1	1	0.000	F	25	7	52	0.00000	114.200000000000	0.00	0.00
108	N	1	1	0.000	F	25	7	52	0.00000	37.000000000000	0.00	0.00
109	N	1	1	0.000	F	25	7	52	0.00000	61.500000000000	0.00	0.00
---											---	---
MASAINAME											60.16	0.17

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=037 COUNTYN=Campbell PLANT_ID=00090 MASAINAME=Continental Silver Grove LLC ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	SCC	INC	CTEFF	RE	CTEFFX	ASHF

PLANT_ID
COUNTYN
CNTY_CODE

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
---											---	---
PLANT_ID											60.16	0.17
COUNTYN											60.16	0.17
CNTY_CODE											60.16	0.17

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=117 COUNTYN=Kenton PLANT_ID=00022 MASAINAME=Marathon Petroleum Co LP - Covington Terminal ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	SCC	INC	CTEFF	RE	CTEFFX	ASHF
110	NO2	2111700022	117	00022	013	1	40600131	1.000000000000	0	100	1.000000000000	N
111	NO2	2111700022	117	00022	013	2	40600134	1.000000000000	0	100	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
110	N	1	1	225968	F	25	7	52	620.791	0.013140000000	1.48	0.00
111	N	1	1	575	F	25	7	52	1.580	0.000018080000	0.00	0.00
---											---	---
MASAINAME											1.48	0.00
PLANT_ID											1.48	0.00

KENTUCKY 2011 OZONE PRECURSOR TEMPO EMISSIONS
ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
NO2 PROCESS LEVEL EMISSIONS

---------- POLLN=NO2 AREA=Cincinnati-Hamilton CNTY_CODE=117 COUNTYN=Kenton PLANT_ID=00177 MASAINAME=Firestone Building Products Co ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
112	NO2	2111700177	117	00177	02	2	10200603	1.000000000000	0	100	1.000000000000	N
113	NO2	2111700177	117	00177	IA1A	1	10200603	1.000000000000	0	100	1.000000000000	N
114	NO2	2111700177	117	00177	IA1B	1	10200603	1.000000000000	0	100	1.000000000000	N
115	NO2	2111700177	117	00177	IA2	1	10200603	1.000000000000	0	100	1.000000000000	N
116	NO2	2111700177	117	00177	IA3	1	39000699	1.000000000000	0	100	1.000000000000	N

MASAINAME
PLANT_ID
COUNTYN
CNTY_CODE
AREA
POLLN

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	NPROD	EF	NO2 Tons Per Year	NO2 Tons Per Summer Day
112	N	1	1	3.788	N	25	7	52	0.010407	100.000000000000	0.19	0.00
113	N	1	1	3.788	N	0	7	52	0.000000	100.000000000000	0.19	0.00
114	N	1	1	3.788	N	0	7	52	0.000000	100.000000000000	0.19	0.00
115	N	1	1	3.788	N	25	7	52	0.010407	100.000000000000	0.19	0.00
116	N	1	1	3.788	N	25	7	52	0.010407	100.000000000000	0.19	0.00

MASAINAME
PLANT_ID
COUNTYN
CNTY_CODE
AREA
POLLN

	0.95	0.00
	0.95	0.00
	2.43	0.01
	2.43	0.01
	2761.21	7.37
	2761.21	7.37
	2761.21	7.37

KENTUCKY 2011 OZONE PRECURSOR TEMPO EMISSIONS
ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
VOC PROCESS LEVEL EMISSIONS

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00004 MASAINAME=Aristech Acrylics LLC ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
1	VOC	2101500004	015	00004	002	1	10200602	1.000000000000	0.0	100	1.000000000000	N
2	VOC	2101500004	015	00004	002	2	10200401	1.000000000000	0.0	100	1.000000000000	N
3	VOC	2101500004	015	00004	002	3	10200502	1.000000000000	0.0	100	1.000000000000	N
4	VOC	2101500004	015	00004	003	1	10200602	1.000000000000	0.0	100	1.000000000000	N
5	VOC	2101500004	015	00004	003	2	10200401	1.000000000000	0.0	100	1.000000000000	N
6	VOC	2101500004	015	00004	003	3	10200502	1.000000000000	0.0	100	1.000000000000	N
7	VOC	2101500004	015	00004	004	1	10200602	1.000000000000	0.0	100	1.000000000000	N
8	VOC	2101500004	015	00004	004	2	10200401	1.000000000000	0.0	100	1.000000000000	N
9	VOC	2101500004	015	00004	004	3	10200502	1.000000000000	0.0	100	1.000000000000	N
10	VOC	2101500004	015	00004	012	2	30183001	1.000000000000	90.0	100	0.100000000000	N
11	VOC	2101500004	015	00004	014	1	30183001	1.000000000000	99.9	100	0.001000000000	N
12	VOC	2101500004	015	00004	014	2	40704417	1.000000000000	99.9	100	0.001000000000	N
13	VOC	2101500004	015	00004	014	3	40704418	1.000000000000	99.9	100	0.001000000000	N
14	VOC	2101500004	015	00004	040	1	40704418	1.000000000000	0.0	100	1.000000000000	N
15	VOC	2101500004	015	00004	040	2	40704417	1.000000000000	0.0	100	1.000000000000	N
16	VOC	2101500004	015	00004	048	1	30199998	1.000000000000	99.9	100	0.001000000000	N
17	VOC	2101500004	015	00004	049	1	30199999	1.000000000000	0.0	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
1	N	1	1	18.00	F	25	7	52	0.0495	5.500000000000	0.05	0.00
2	N	1	1	0.00	F	25	7	52	0.0000	0.280000000000	0.00	0.00
3	N	1	1	0.00	F	25	7	52	0.0000	0.200000000000	0.00	0.00
4	N	1	1	77.00	F	25	7	52	0.2115	5.500000000000	0.21	0.00
5	N	1	1	0.00	F	25	7	52	0.0000	0.280000000000	0.00	0.00
6	N	1	1	0.00	F	25	7	52	0.0000	0.200000000000	0.00	0.00
7	N	1	1	11.00	F	25	7	52	0.0302	5.500000000000	0.03	0.00
8	N	1	1	0.00	F	25	7	52	0.0000	0.280000000000	0.00	0.00
9	N	1	1	0.00	F	25	7	52	0.0000	0.200000000000	0.00	0.00
10	N	1	1	1336.00	F	25	7	52	3.6703	0.302130000000	0.02	0.00
11	N	1	1	3341.00	F	25	7	52	9.1786	0.302130000000	0.00	0.00
12	N	1	1	5.80	F	25	7	52	0.0159	4.679200000000	0.00	0.00
13	N	1	1	514.00	F	25	7	52	1.4121	0.000000000000	0.00	0.00
14	N	1	1	4053.00	F	25	7	52	11.1346	0.387000000000	0.78	0.00
15	N	1	1	110.00	F	25	7	52	0.3022	0.000000000000	0.00	0.00
16	N	1	1	2248.00	F	25	7	52	6.1758	0.362000000000	0.00	0.00
17	N	1	1	396.00	F	25	7	52	1.0879	4.817000000000	0.95	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00004 MASAINAME=Aristech Acrylics LLC ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
18	VOC	2101500004	015	00004	05(05)	1	40704418	1.000000000000	99.9	100	0.001000000000	N
19	VOC	2101500004	015	00004	05(05)	2	40704417	1.000000000000	99.9	100	0.001000000000	N
20	VOC	2101500004	015	00004	050	1	30199998	1.000000000000	99.9	100	0.001000000000	N
21	VOC	2101500004	015	00004	051	1	40200901	1.000000000000	0.0	100	1.000000000000	N
22	VOC	2101500004	015	00004	053	1	40200901	1.000000000000	0.0	100	1.000000000000	N
23	VOC	2101500004	015	00004	076	1	30101822	1.000000000000	0.0	100	1.000000000000	N
24	VOC	2101500004	015	00004	090	1	40200901	1.000000000000	0.0	100	1.000000000000	N
25	VOC	2101500004	015	00004	095	1	39999999	1.000000000000	0.0	100	1.000000000000	N
26	VOC	2101500004	015	00004	142a	1	40704404	1.000000000000	0.0	100	1.000000000000	N
27	VOC	2101500004	015	00004	142a	2	40704401	1.000000000000	0.0	100	1.000000000000	N
28	VOC	2101500004	015	00004	146,F3	1	39999999	1.000000000000	99.9	100	0.001000000000	N
29	VOC	2101500004	015	00004	146,F3	2	30180003	1.000000000000	0.0	100	1.000000000000	N
30	VOC	2101500004	015	00004	48(48)	2	30199998	1.000000000000	90.0	100	0.100000000000	N
31	VOC	2101500004	015	00004	5(6,7)	2	40704418	1.000000000000	99.9	100	0.001000000000	N
32	VOC	2101500004	015	00004	5(6,7)	3	40704418	1.000000000000	99.9	100	0.001000000000	N
33	VOC	2101500004	015	00004	F-1	1	30180003	1.000000000000	0.0	100	1.000000000000	N
34	VOC	2101500004	015	00004	F-1	2	30180008	1.000000000000	0.0	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
18	N	1	1	3070.00	F	25	7	52	8.4341	0.249600000000	0.00	0.00
19	N	1	1	94.00	F	25	7	52	0.2582	4.679200000000	0.00	0.00
20	N	1	1	2248.00	F	25	7	52	6.1758	0.387100000000	0.00	0.00
21	N	1	1	0.00	F	25	7	52	0.0000	2000.000000000000	0.00	0.00
22	N	1	1	0.09	F	25	7	52	0.0002	2000.000000000000	0.09	0.00
23	N	1	1	314.00	F	25	7	52	0.8626	2.520000000000	0.40	0.00
24	N	1	1	0.00	F	25	7	52	0.0000	3.230000000000	0.00	0.00
25	N	1	1	0.00	F	25	7	52	0.0000	451.280000000000	0.00	0.00
26	N	1	1	113.00	F	25	7	52	0.3104	0.238000000000	0.01	0.00
27	N	1	1	31.00	F	25	7	52	0.0852	0.000000000000	0.00	0.00
28	N	1	1	17714.00	N	25	7	52	48.6648	0.673400000000	0.01	0.00
29	N	1	1	356.00	N	25	7	52	0.9780	45.160000000000	8.04	0.02
30	N	1	1	2248.00	F	25	7	52	6.1758	0.397400000000	0.04	0.00
31	N	1	1	3070.00	F	25	7	52	8.4341	0.540900000000	0.00	0.00
32	N	1	1	3070.00	F	25	7	52	8.4341	0.349000000000	0.00	0.00
33	N	1	1	201.00	F	25	7	52	0.5522	3.183700000000	0.32	0.00
34	N	1	1	16.00	F	25	7	52	0.0440	36.081900000000	0.29	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00004 MASAINAME=Aristech Acrylics LLC ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
35	VOC	2101500004	015	00004	F-1	3	30180007	1.000000000000	0.0	100	1.000000000000	N
36	VOC	2101500004	015	00004	F-1	4	30180006	1.000000000000	0.0	100	1.000000000000	N
37	VOC	2101500004	015	00004	F-1	5	30180002	1.000000000000	0.0	100	1.000000000000	N
38	VOC	2101500004	015	00004	F-1	6	30180003	1.000000000000	0.0	100	1.000000000000	N
39	VOC	2101500004	015	00004	F-1	7	30180007	1.000000000000	0.0	100	1.000000000000	N
40	VOC	2101500004	015	00004	F-1	8	30180008	1.000000000000	0.0	100	1.000000000000	N
41	VOC	2101500004	015	00004	F-1	9	30180006	1.000000000000	0.0	100	1.000000000000	N
42	VOC	2101500004	015	00004	F-2	1	30180003	1.000000000000	0.0	100	1.000000000000	N
43	VOC	2101500004	015	00004	F-2	2	30180008	1.000000000000	0.0	100	1.000000000000	N
44	VOC	2101500004	015	00004	F-2	3	30180007	1.000000000000	0.0	100	1.000000000000	N
45	VOC	2101500004	015	00004	F-2	4	30180002	1.000000000000	0.0	100	1.000000000000	N
46	VOC	2101500004	015	00004	F-2	5	30180006	1.000000000000	0.0	100	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
35	N	1	1	549.00	F	25	7	52	1.5082	1.562900000000	0.43	0.00
36	N	1	1	7.00	F	25	7	52	0.0192	28.942700000000	0.10	0.00
37	N	1	1	4.00	F	25	7	52	0.0110	2.527700000000	0.01	0.00
38	N	1	1	92.00	F	25	7	52	0.2527	3.183700000000	0.15	0.00
39	N	1	1	124.00	F	25	7	52	0.3407	1.562900000000	0.10	0.00
40	N	1	1	4.00	F	25	7	52	0.0110	36.081900000000	0.07	0.00
41	N	1	1	2.00	F	25	7	52	0.0055	28.942700000000	0.03	0.00
42	N	1	1	494.00	F	25	7	52	1.3571	3.183700000000	0.79	0.00
43	N	1	1	11.00	F	25	7	52	0.0302	36.081900000000	0.20	0.00
44	N	1	1	1344.00	F	25	7	52	3.6923	1.562900000000	1.05	0.00
45	N	1	1	93.00	F	25	7	52	0.2555	2.527700000000	0.12	0.00
46	N	1	1	0.00	F	25	7	52	0.0000	28.942700000000	0.00	0.00
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MASAINAME											14.28	0.04
PLANT_ID											14.28	0.04

KENTUCKY 2011 OZONE PRECURSOR TEMPO EMISSIONS
ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
VOC PROCESS LEVEL EMISSIONS

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00010 MASAINAME=Greif Industrial Packaging & Services LLC ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
47	VOC	2101500010	015	00010	001	1	40202606	1.000000000000	0	100	1.000000000000	N
48	VOC	2101500010	015	00010	001	2	40202607	1.000000000000	0	100	1.000000000000	N
49	VOC	2101500010	015	00010	001	3	40201001	1.000000000000	0	100	1.000000000000	N
50	VOC	2101500010	015	00010	001	5	40201001	1.000000000000	0	100	1.000000000000	N
51	VOC	2101500010	015	00010	002	1	40202606	1.000000000000	0	100	1.000000000000	N
52	VOC	2101500010	015	00010	002	2	40201001	1.000000000000	0	100	1.000000000000	N
53	VOC	2101500010	015	00010	003	1	40202605	1.000000000000	0	100	1.000000000000	N
54	VOC	2101500010	015	00010	003	2	40202605	1.000000000000	0	100	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
47	N	1	1	13215.00	F	25	5	52	50.827	3.164870000000	20.91	0.08
48	N	1	1	58641.00	F	25	5	52	225.542	1.170630000000	34.32	0.13
49	N	1	1	15.89	F	25	5	52	0.061	5.500000000000	0.04	0.00
50	N	1	1	28.40	F	25	5	52	0.109	5.500000000000	0.08	0.00
51	N	1	1	9751.00	F	25	5	52	37.504	3.164870000000	15.43	0.06
52	N	1	1	3.85	F	25	5	52	0.015	5.500000000000	0.01	0.00
53	N	1	1	768.00	F	25	5	52	2.954	9.815442000000	3.77	0.01
54	N	1	1	5126.00	F	25	5	52	19.715	0.004680000000	0.01	0.00
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MASAINAME											74.58	0.29
PLANT_ID											74.58	0.29

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00018 MASAINAME=DRS Environmental Systems Inc ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
55	VOC	2101500018	015	00018	11	1	10500106	1.000000000000	0	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
55	N	1	1	9.80	N	25	7	52	0.02692	5.500000000000	0.03	0.00

ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
VOC PROCESS LEVEL EMISSIONS

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00018 MASAINAME=DRS Environmental Systems Inc ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
56	VOC	2101500018	015	00018	11	2	10500106	1.000000000000	0	100	1.000000000000	N
57	VOC	2101500018	015	00018	12	1	40200110	1.000000000000	0	100	1.000000000000	N
58	VOC	2101500018	015	00018	13	2	20300101	1.000000000000	0	100	1.000000000000	N
59	VOC	2101500018	015	00018	13	3	20300101	1.000000000000	0	100	1.000000000000	N
60	VOC	2101500018	015	00018	14	1	20300101	1.000000000000	0	100	1.000000000000	N
61	VOC	2101500018	015	00018	EP 01	1	40200110	1.000000000000	0	100	1.000000000000	N
62	VOC	2101500018	015	00018	EP 01	2	40201001	1.000000000000	0	100	1.000000000000	N
63	VOC	2101500018	015	00018	EP 08	1	40200110	1.000000000000	0	100	1.000000000000	N
64	VOC	2101500018	015	00018	EP 08	2	40201001	1.000000000000	0	100	1.000000000000	N
65	VOC	2101500018	015	00018	EP 09	1	40200110	1.000000000000	0	100	1.000000000000	N
66	VOC	2101500018	015	00018	EP 09	2	40201001	1.000000000000	0	100	1.000000000000	N
67	VOC	2101500018	015	00018	EP 10	1	40200110	1.000000000000	0	100	1.000000000000	N
68	VOC	2101500018	015	00018	EP 10	2	40201001	1.000000000000	0	100	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
56	N	1	1	1.22	N	25	7	52	0.00336	5.500000000000	0.00	0.00
57	N	1	1	0.00	N	25	5	50	0.00000	1.628850000000	0.00	0.00
58	N	1	1	0.00	N	25	7	52	0.00000	49.000000000000	0.00	0.00
59	N	1	1	0.39	N	25	7	52	0.00106	49.000000000000	0.01	0.00
60	N	1	1	3.57	N	25	7	52	0.00980	49.000000000000	0.09	0.00
61	N	1	1	1609.00	N	25	5	50	6.43600	4.575700000000	3.68	0.01
62	N	1	1	0.00	N	25	5	50	0.00000	5.500000000000	0.00	0.00
63	N	1	1	399.50	N	25	5	50	1.59800	4.575700000000	0.91	0.00
64	N	1	1	1.22	N	25	5	50	0.00490	5.500000000000	0.00	0.00
65	N	1	1	589.75	N	25	5	50	2.35900	4.575700000000	1.35	0.01
66	N	1	1	0.00	N	25	5	50	0.00000	5.500000000000	0.00	0.00
67	N	1	1	2489.25	N	25	5	50	9.95700	4.575700000000	5.70	0.02
68	N	1	1	0.00	N	25	5	50	0.00000	5.500000000000	0.00	0.00
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MASAINAME											11.77	0.05
PLANT_ID											11.77	0.05

KENTUCKY 2011 OZONE PRECURSOR TEMPO EMISSIONS
ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
VOC PROCESS LEVEL EMISSIONS

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00019 MASAINAME=Duro Bag Manufacturing Co ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
69	VOC	2101500019	015	00019	001	1	40500301	1.000000000000	0	100	1.000000000000	N
70	VOC	2101500019	015	00019	001	2	39000699	1.000000000000	0	100	1.000000000000	N
71	VOC	2101500019	015	00019	IA1	1	39000699	1.000000000000	0	100	1.000000000000	N
72	VOC	2101500019	015	00019	IA2	1	10200603	1.000000000000	0	100	1.000000000000	N
73	VOC	2101500019	015	00019	IA4	1	40301099	1.000000000000	0	100	1.000000000000	N
74	VOC	2101500019	015	00019	RIA3	1	40100251	1.000000000000	0	100	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
69	N	1	1	606.00	N	25	7	52	1.66484	48.960000000000	14.83	0.04
70	N	1	1	7.78	N	25	7	52	0.02137	5.500000000000	0.02	0.00
71	N	1	1	1.89	N	25	7	24	0.01125	5.500000000000	0.01	0.00
72	N	1	1	1.89	N	25	7	52	0.00519	5.500000000000	0.01	0.00
73	N	1	1	62.00	N	28	7	49	0.20245	0.000100000000	0.00	0.00
74	N	1	1	0.00	N	25	7	52	0.00000	6.600000000000	0.00	0.00
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MASAINAME											14.87	0.04
PLANT_ID											14.87	0.04

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00029 MASAINAME=Duke Energy KY East Bend ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
75	VOC	2101500029	015	00029	002	1	10100202	1.000000000000	0	100	1.000000000000	N
76	VOC	2101500029	015	00029	002	2	10100501	1.000000000000	0	100	1.000000000000	N
77	VOC	2101500029	015	00029	005	1	40399999	1.000000000000	0	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
75	N	1	1	2037462.00	F	24	7	52	5373.53	0.060000000000	61.12	0.16
76	N	1	1	671.82	F	24	7	52	1.77	0.200000000000	0.07	0.00
77	N	1	1	746.84	F	25	7	52	2.05	0.057600000000	0.02	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00029 MASAINAME=Duke Energy KY East Bend ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
78	VOC	2101500029	015	00029	006	1	40399999	1.000000000000	0	100	1.000000000000	N
79	VOC	2101500029	015	00029	013	1	39999995	1.000000000000	0	100	1.000000000000	N
80	VOC	2101500029	015	00029	015	7	30501099	1.000000000000	0	100	1.000000000000	N
81	VOC	2101500029	015	00029	015	15	42500301	1.000000000000	0	100	1.000000000000	N
82	VOC	2101500029	015	00029	015	16	42500301	1.000000000000	0	100	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
78	N	1	1	7.26	F	25	7	52	0.02	6.240000000000	0.02	0.00
79	N	1	1	338.00	F	22	1	12	24.79	0.014000000000	0.00	0.00
80	N	1	1	0.00	F	0	1	1	0.00	0.001449000000	0.00	0.00
81	N	1	1	0.00	F	0	1	1	0.00	0.333900000000	0.00	0.00
82	N	1	1	0.00	F	0	1	1	0.00	0.333900000000	0.00	0.00

MASAINAME 61.24 0.16
PLANT_ID 61.24 0.16

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00069 MASAINAME=Camco Chemical Co Inc ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
83	VOC	2101500069	015	00069	001	1	10200603	1.000000000000	0	100	1.000000000000	N
84	VOC	2101500069	015	00069	009	1	10200603	1.000000000000	0	100	1.000000000000	N
85	VOC	2101500069	015	00069	009	2	10200502	1.000000000000	0	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
83	N	1	1	4.36	F	25	5	52	0.02	5.500000000000	0.01	0.00
84	N	1	1	6.54	F	25	5	52	0.03	5.500000000000	0.02	0.00
85	N	1	1	0.00	F	25	5	52	0.00	0.252000000000	0.00	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00069 MASAINAME=Camco Chemical Co Inc ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
86	VOC	2101500069	015	00069	011	1	39999994	1.000000000000	99	100	0.010000000000	N
87	VOC	2101500069	015	00069	011	2	39999994	1.000000000000	99	100	0.010000000000	N
88	VOC	2101500069	015	00069	011	3	39999994	1.000000000000	99	100	0.010000000000	N
89	VOC	2101500069	015	00069	011	4	39999994	1.000000000000	99	100	0.010000000000	N
90	VOC	2101500069	015	00069	011	5	39999994	1.000000000000	99	100	0.010000000000	N
91	VOC	2101500069	015	00069	011	6	39999994	1.000000000000	99	100	0.010000000000	N
92	VOC	2101500069	015	00069	011	7	39999994	1.000000000000	99	100	0.010000000000	N
93	VOC	2101500069	015	00069	011	8	39999994	1.000000000000	99	100	0.010000000000	N
94	VOC	2101500069	015	00069	011	9	39999994	1.000000000000	99	100	0.010000000000	N
95	VOC	2101500069	015	00069	011	10	39999994	1.000000000000	99	100	0.010000000000	N
96	VOC	2101500069	015	00069	011	11	39999994	1.000000000000	99	100	0.010000000000	N
97	VOC	2101500069	015	00069	011	12	39999994	1.000000000000	99	100	0.010000000000	N
98	VOC	2101500069	015	00069	011	13	39999994	1.000000000000	99	100	0.010000000000	N
99	VOC	2101500069	015	00069	011	14	39999994	1.000000000000	99	100	0.010000000000	N
100	VOC	2101500069	015	00069	011	15	39999994	1.000000000000	99	100	0.010000000000	N
101	VOC	2101500069	015	00069	011	16	39999994	1.000000000000	99	100	0.010000000000	N
102	VOC	2101500069	015	00069	011	17	39999994	1.000000000000	99	100	0.010000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
86	N	1	1	100568	F	25	7	52	276.29	0.200000000000	0.10	0.00
87	N	1	1	84891	F	25	7	52	233.22	0.200000000000	0.08	0.00
88	N	1	1	49717	F	25	7	52	136.59	0.050000000000	0.01	0.00
89	N	1	1	69947	F	25	7	52	192.16	0.650000000000	0.23	0.00
90	N	1	1	0	F	25	7	52	0.00	0.913000000000	0.00	0.00
91	N	1	1	0	F	25	7	52	0.00	0.100000000000	0.00	0.00
92	N	1	1	0	F	25	7	52	0.00	0.100000000000	0.00	0.00
93	N	1	1	258234	F	25	7	52	709.43	0.050000000000	0.06	0.00
94	N	1	1	0	F	25	7	52	0.00	0.100000000000	0.00	0.00
95	N	1	1	52108	F	25	7	52	143.15	0.180000000000	0.05	0.00
96	N	1	1	3977	F	25	7	52	10.93	0.100000000000	0.00	0.00
97	N	1	1	3943	F	25	7	52	10.83	0.400000000000	0.01	0.00
98	N	1	1	7968	F	25	7	52	21.89	0.100000000000	0.00	0.00
99	N	1	1	1102	F	25	7	52	3.03	0.100000000000	0.00	0.00
100	N	1	1	61474	F	25	7	52	168.88	0.050000000000	0.02	0.00
101	N	1	1	9301	F	25	7	52	25.55	1.000000000000	0.05	0.00
102	N	1	1	13698	F	25	7	52	37.63	0.100000000000	0.01	0.00

KENTUCKY 2011 OZONE PRECURSOR TEMPO EMISSIONS
ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
VOC PROCESS LEVEL EMISSIONS

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00069 MASAINAME=Camco Chemical Co Inc ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
103	VOC	2101500069	015	00069	011	18	39999994	1.000000000000	99	100	0.010000000000	N
104	VOC	2101500069	015	00069	011	19	39999994	1.000000000000	99	100	0.010000000000	N
105	VOC	2101500069	015	00069	011	20	39999994	1.000000000000	99	100	0.010000000000	N
106	VOC	2101500069	015	00069	011	21	39999994	1.000000000000	99	100	0.010000000000	N
107	VOC	2101500069	015	00069	011	22	39999994	1.000000000000	99	100	0.010000000000	N
108	VOC	2101500069	015	00069	011	23	39999994	1.000000000000	99	100	0.010000000000	N
109	VOC	2101500069	015	00069	011	24	39999994	1.000000000000	99	100	0.010000000000	N
110	VOC	2101500069	015	00069	011	25	39999994	1.000000000000	99	100	0.010000000000	N
111	VOC	2101500069	015	00069	011	26	39999994	1.000000000000	99	100	0.010000000000	N
112	VOC	2101500069	015	00069	011	27	39999994	1.000000000000	99	100	0.010000000000	N
113	VOC	2101500069	015	00069	011	28	39999994	1.000000000000	99	100	0.010000000000	N
114	VOC	2101500069	015	00069	011	29	39999994	1.000000000000	99	100	0.010000000000	N
115	VOC	2101500069	015	00069	011	30	39999994	1.000000000000	99	100	0.010000000000	N
116	VOC	2101500069	015	00069	011	31	39999994	1.000000000000	99	100	0.010000000000	N
117	VOC	2101500069	015	00069	011	32	39999994	1.000000000000	99	100	0.010000000000	N
118	VOC	2101500069	015	00069	011	33	39999994	1.000000000000	99	100	0.010000000000	N
119	VOC	2101500069	015	00069	011	34	39999994	1.000000000000	99	100	0.010000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
103	N	1	1	50600	F	25	7	52	139.01	0.450000000000	0.11	0.00
104	N	1	1	1266	F	25	7	52	3.48	0.950000000000	0.01	0.00
105	N	1	1	0	F	25	7	52	0.00	0.350000000000	0.00	0.00
106	N	1	1	3856	F	25	7	52	10.59	0.150000000000	0.00	0.00
107	N	1	1	0	F	25	7	52	0.00	0.150000000000	0.00	0.00
108	N	1	1	3915	F	25	7	52	10.76	0.050000000000	0.00	0.00
109	N	1	1	0	F	25	7	52	0.00	1.000000000000	0.00	0.00
110	N	1	1	21291	F	25	7	52	58.49	0.100000000000	0.01	0.00
111	N	1	1	4963	F	25	7	52	13.63	0.560000000000	0.01	0.00
112	N	1	1	1413040	F	25	7	52	3881.98	0.290000000000	2.05	0.01
113	N	1	1	23744	F	25	7	52	65.23	0.400000000000	0.05	0.00
114	N	1	1	0	F	25	7	52	0.00	0.700000000000	0.00	0.00
115	N	1	1	2080543	F	25	7	52	5715.78	0.050000000000	0.52	0.00
116	N	1	1	0	F	25	7	52	0.00	0.250000000000	0.00	0.00
117	N	1	1	0	F	25	7	52	0.00	0.590000000000	0.00	0.00
118	N	1	1	0	F	25	7	52	0.00	0.100000000000	0.00	0.00
119	N	1	1	21587	F	25	7	52	59.30	0.650000000000	0.07	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00069 MASAINAME=Camco Chemical Co Inc ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
120	VOC	2101500069	015	00069	011	35	39999994	1.000000000000	99	100	0.010000000000	N
121	VOC	2101500069	015	00069	011	36	39999994	1.000000000000	99	100	0.010000000000	N
122	VOC	2101500069	015	00069	011	37	39999994	1.000000000000	99	100	0.010000000000	N
123	VOC	2101500069	015	00069	011	38	39999994	1.000000000000	99	100	0.010000000000	N
124	VOC	2101500069	015	00069	011	39	39999994	1.000000000000	99	100	0.010000000000	N
125	VOC	2101500069	015	00069	011	40	39999994	1.000000000000	99	100	0.010000000000	N
126	VOC	2101500069	015	00069	011	41	39999994	1.000000000000	99	100	0.010000000000	N
127	VOC	2101500069	015	00069	011	42	39999994	1.000000000000	99	100	0.010000000000	N
128	VOC	2101500069	015	00069	011	43	39999994	1.000000000000	99	100	0.010000000000	N
129	VOC	2101500069	015	00069	011	44	39999994	1.000000000000	99	100	0.010000000000	N
130	VOC	2101500069	015	00069	011	45	39999994	1.000000000000	99	100	0.010000000000	N
131	VOC	2101500069	015	00069	011	46	39999994	1.000000000000	99	100	0.010000000000	N
132	VOC	2101500069	015	00069	011	47	39999994	1.000000000000	99	100	0.010000000000	N
133	VOC	2101500069	015	00069	011	48	39999994	1.000000000000	99	100	0.010000000000	N
134	VOC	2101500069	015	00069	011	49	39999994	1.000000000000	99	100	0.010000000000	N
135	VOC	2101500069	015	00069	011	50	39999994	1.000000000000	99	100	0.010000000000	N
136	VOC	2101500069	015	00069	011	51	39999994	1.000000000000	99	100	0.010000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
120	N	1	1	68634	F	25	7	52	188.55	0.200000000000	0.07	0.00
121	N	1	1	151074	F	25	7	52	415.04	0.300000000000	0.23	0.00
122	N	1	1	216133	F	25	7	52	593.77	0.780000000000	0.84	0.00
123	N	1	1	958785	F	25	7	52	2634.02	0.600000000000	2.88	0.01
124	N	1	1	0	F	25	7	52	0.00	0.600000000000	0.00	0.00
125	N	1	1	256872	F	25	7	52	705.69	0.020000000000	0.03	0.00
126	N	1	1	327752	F	25	7	52	900.42	0.010000000000	0.02	0.00
127	N	1	1	466611	F	25	7	52	1281.90	0.020000000000	0.05	0.00
128	N	1	1	0	F	25	7	52	0.00	0.297900000000	0.00	0.00
129	N	1	1	885040	F	25	7	52	2431.43	0.702300000000	3.11	0.01
130	N	1	1	661099	F	25	7	52	1816.21	0.040000000000	0.13	0.00
131	N	1	1	309483	F	25	7	52	850.23	0.110000000000	0.17	0.00
132	N	1	1	268071	F	25	7	52	736.46	0.110000000000	0.15	0.00
133	N	1	1	247435	F	25	7	52	679.77	0.160000000000	0.20	0.00
134	N	1	1	247843	F	25	7	52	680.89	0.020000000000	0.02	0.00
135	N	1	1	265111	F	25	7	52	728.33	0.040000000000	0.05	0.00
136	N	1	1	339620	F	25	7	52	933.02	0.040000000000	0.07	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00069 MASAINAME=Camco Chemical Co Inc ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
137	VOC	2101500069	015	00069	011	52	39999994	1.000000000000	99	100	0.010000000000	N
138	VOC	2101500069	015	00069	011	53	39999994	1.000000000000	99	100	0.010000000000	N
139	VOC	2101500069	015	00069	011	54	39999994	1.000000000000	99	100	0.010000000000	N
140	VOC	2101500069	015	00069	011	55	39999994	1.000000000000	99	100	0.010000000000	N
141	VOC	2101500069	015	00069	011	56	39999994	1.000000000000	99	100	0.010000000000	N
142	VOC	2101500069	015	00069	011	57	39999994	1.000000000000	99	100	0.010000000000	N
143	VOC	2101500069	015	00069	011	58	39999994	1.000000000000	99	100	0.010000000000	N
144	VOC	2101500069	015	00069	011	59	39999994	1.000000000000	99	100	0.010000000000	N
145	VOC	2101500069	015	00069	011	60	39999994	1.000000000000	99	100	0.010000000000	N
146	VOC	2101500069	015	00069	011	61	39999994	1.000000000000	99	100	0.010000000000	N
147	VOC	2101500069	015	00069	011	62	39999994	1.000000000000	99	100	0.010000000000	N
148	VOC	2101500069	015	00069	011	63	39999994	1.000000000000	99	100	0.010000000000	N
149	VOC	2101500069	015	00069	011	64	39999994	1.000000000000	99	100	0.010000000000	N
150	VOC	2101500069	015	00069	011	65	39999994	1.000000000000	99	100	0.010000000000	N
151	VOC	2101500069	015	00069	011	66	39999994	1.000000000000	99	100	0.010000000000	N
152	VOC	2101500069	015	00069	011	67	39999994	1.000000000000	99	100	0.010000000000	N
153	VOC	2101500069	015	00069	011	68	39999994	1.000000000000	99	100	0.010000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
137	N	1	1	357382	F	25	7	52	981.82	0.040000000000	0.07	0.00
138	N	1	1	0	F	25	7	52	0.00	0.040000000000	0.00	0.00
139	N	1	1	341415	F	25	7	52	937.95	0.030000000000	0.05	0.00
140	N	1	1	0	F	25	7	52	0.00	0.050000000000	0.00	0.00
141	N	1	1	93465	F	25	7	52	256.77	0.170000000000	0.08	0.00
142	N	1	1	0	F	25	7	52	0.00	0.020000000000	0.00	0.00
143	N	1	1	1154810	F	25	7	52	3172.55	0.060000000000	0.35	0.00
144	N	1	1	0	F	25	7	52	0.00	0.020000000000	0.00	0.00
145	N	1	1	0	F	25	7	52	0.00	0.260000000000	0.00	0.00
146	N	1	1	99583	F	25	7	52	273.58	0.260000000000	0.13	0.00
147	N	1	1	0	F	25	7	52	0.00	0.030000000000	0.00	0.00
148	N	1	1	34977	F	25	7	52	96.09	0.050000000000	0.01	0.00
149	N	1	1	644163	F	25	7	52	1769.68	0.060000000000	0.19	0.00
150	N	1	1	604045	F	25	7	52	1659.46	0.600000000000	1.81	0.00
151	N	1	1	41313	F	25	7	52	113.50	0.080000000000	0.02	0.00
152	N	1	1	0	F	25	7	52	0.00	0.260000000000	0.00	0.00
153	N	1	1	0	F	25	7	52	0.00	0.360000000000	0.00	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00069 MASAINAME=Camco Chemical Co Inc ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
154	VOC	2101500069	015	00069	011	69	39999994	1.000000000000	99	100	0.010000000000	N
155	VOC	2101500069	015	00069	011	70	39999994	1.000000000000	99	100	0.010000000000	N
156	VOC	2101500069	015	00069	011	71	39999994	1.000000000000	99	100	0.010000000000	N
157	VOC	2101500069	015	00069	011	72	39999994	1.000000000000	99	100	0.010000000000	N
158	VOC	2101500069	015	00069	011	73	39999994	1.000000000000	99	100	0.010000000000	N
159	VOC	2101500069	015	00069	011	74	39999994	1.000000000000	99	100	0.010000000000	N
160	VOC	2101500069	015	00069	011	75	39999994	1.000000000000	99	100	0.010000000000	N
161	VOC	2101500069	015	00069	011	76	39999994	1.000000000000	99	100	0.010000000000	N
162	VOC	2101500069	015	00069	011	77	39999994	1.000000000000	99	100	0.010000000000	N
163	VOC	2101500069	015	00069	011	78	39999994	1.000000000000	99	100	0.010000000000	N
164	VOC	2101500069	015	00069	011	79	39999994	1.000000000000	99	100	0.010000000000	N
165	VOC	2101500069	015	00069	011	80	39999994	1.000000000000	99	100	0.010000000000	N
166	VOC	2101500069	015	00069	011	81	39999994	1.000000000000	99	100	0.010000000000	N
167	VOC	2101500069	015	00069	011	82	39999994	1.000000000000	99	100	0.010000000000	N
168	VOC	2101500069	015	00069	011	83	39999994	1.000000000000	99	100	0.010000000000	N
169	VOC	2101500069	015	00069	011	84	39999994	1.000000000000	99	100	0.010000000000	N
170	VOC	2101500069	015	00069	011	85	39999994	1.000000000000	99	100	0.010000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
154	N	1	1	34056	F	25	7	52	93.56	0.250000000000	0.04	0.00
155	N	1	1	27250	F	25	7	52	74.86	0.100000000000	0.01	0.00
156	N	1	1	0	F	25	7	52	0.00	0.050000000000	0.00	0.00
157	N	1	1	154264	F	25	7	52	423.80	0.080000000000	0.06	0.00
158	N	1	1	0	F	25	7	52	0.00	0.010000000000	0.00	0.00
159	N	1	1	59668	F	25	7	52	163.92	0.050000000000	0.01	0.00
160	N	1	1	106053	F	25	7	52	291.35	0.050000000000	0.03	0.00
161	N	1	1	653	F	25	7	52	1.79	0.050000000000	0.00	0.00
162	N	1	1	678042	F	25	7	52	1862.75	0.030000000000	0.10	0.00
163	N	1	1	0	F	25	7	52	0.00	0.060000000000	0.00	0.00
164	N	1	1	76312	F	25	7	52	209.65	0.030000000000	0.01	0.00
165	N	1	1	0	F	25	7	52	0.00	0.170000000000	0.00	0.00
166	N	1	1	0	F	25	7	52	0.00	0.100000000000	0.00	0.00
167	N	1	1	0	F	25	7	52	0.00	0.100000000000	0.00	0.00
168	N	1	1	17640	F	25	7	52	48.46	0.230000000000	0.02	0.00
169	N	1	1	106053	F	25	7	52	291.35	0.060000000000	0.03	0.00
170	N	1	1	0	F	25	7	52	0.00	0.090000000000	0.00	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00069 MASAINAME=Camco Chemical Co Inc ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
MASAINAME											14.52	0.04
PLANT_ID											14.52	0.04

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00077 MASAINAME=Southern Graphic Systems LLC ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
171	VOC	2101500077	015	00077	003	2	39999994	1.000000000000	0	100	1.000000000000	N
172	VOC	2101500077	015	00077	003	3	39999994	1.000000000000	0	100	1.000000000000	N
173	VOC	2101500077	015	00077	006	1	39999994	1.000000000000	0	100	1.000000000000	N
174	VOC	2101500077	015	00077	006	2	39999994	1.000000000000	0	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
171	N	1	1	485.00	F	23	7	52	1.2258	1.000000000000	0.24	0.00
172	N	1	1	5000.00	F	23	7	52	12.6374	1.000000000000	2.50	0.01
173	N	1	1	1636.00	F	21	7	52	3.7754	1.000000000000	0.82	0.00
174	N	1	1	414.00	F	21	7	52	0.9554	0.720800000000	0.15	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00077 MASAINAME=Southern Graphic Systems LLC ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
175	VOC	2101500077	015	00077	006	3	39999994	1.000000000000	0	100	1.000000000000	N
176	VOC	2101500077	015	00077	006	4	39999994	1.000000000000	0	100	1.000000000000	N
177	VOC	2101500077	015	00077	014	2	39999994	1.000000000000	0	100	1.000000000000	N
178	VOC	2101500077	015	00077	014	3	39999994	1.000000000000	0	100	1.000000000000	N
179	VOC	2101500077	015	00077	014	4	39999994	1.000000000000	0	100	1.000000000000	N
180	VOC	2101500077	015	00077	014	5	39999994	1.000000000000	0	100	1.000000000000	N
181	VOC	2101500077	015	00077	027	2	39999994	1.000000000000	0	100	1.000000000000	N
182	VOC	2101500077	015	00077	027	3	39999994	1.000000000000	0	100	1.000000000000	N
183	VOC	2101500077	015	00077	027	4	39999994	1.000000000000	0	100	1.000000000000	N
184	VOC	2101500077	015	00077	IA02	1	39999992	1.000000000000	0	100	1.000000000000	N
185	VOC	2101500077	015	00077	IA02	2	39999992	1.000000000000	0	100	1.000000000000	N
186	VOC	2101500077	015	00077	IA04	2	39999994	1.000000000000	0	100	1.000000000000	N
187	VOC	2101500077	015	00077	IA06	1	10200603	1.000000000000	0	100	1.000000000000	N
188	VOC	2101500077	015	00077	IA07	1	10200603	1.000000000000	0	100	1.000000000000	N
189	VOC	2101500077	015	00077	IA14	1	10200603	1.000000000000	0	100	1.000000000000	N
190	VOC	2101500077	015	00077	R001E	1	10200603	1.000000000000	0	100	1.000000000000	N
191	VOC	2101500077	015	00077	R001F	1	10200603	1.000000000000	0	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
175	N	1	1	312.00	F	21	7	52	0.7200	1.000000000000	0.16	0.00
176	N	1	1	900.00	F	21	7	52	2.0769	0.738700000000	0.33	0.00
177	N	1	1	710.00	F	13	7	52	1.0143	1.000000000000	0.36	0.00
178	N	1	1	625.00	F	13	7	52	0.8929	1.000000000000	0.31	0.00
179	N	1	1	36207.00	F	13	7	52	51.7243	1.000000000000	18.10	0.03
180	N	1	1	2.00	F	13	7	52	0.0029	1.000000000000	0.00	0.00
181	N	1	1	0.00	N	26	7	52	0.0000	1.000000000000	0.00	0.00
182	N	1	1	44.00	N	26	7	52	0.1257	0.850000000000	0.02	0.00
183	N	1	1	452.00	N	26	7	52	1.2914	0.100000000000	0.02	0.00
184	N	1	1	826.00	F	33	7	52	2.9954	0.581000000000	0.24	0.00
185	N	1	1	77.00	F	33	7	52	0.2792	0.581000000000	0.02	0.00
186	N	1	1	1706.00	F	26	7	52	4.8743	1.000000000000	0.85	0.00
187	N	1	1	0.33	F	1	7	52	0.0000	5.500000000000	0.00	0.00
188	N	1	1	0.08	F	1	7	52	0.0000	5.500000000000	0.00	0.00
189	N	1	1	1.51	F	1	7	52	0.0002	5.500000000000	0.00	0.00
190	N	1	1	0.00	F	0	7	52	0.0000	5.500000000000	0.00	0.00
191	N	1	1	0.00	F	0	7	52	0.0000	5.500000000000	0.00	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00077 MASAINAME=Southern Graphic Systems LLC ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
192	VOC	2101500077	015	00077	R020	2	39999994	1.000000000000	0	100	1.000000000000	N
193	VOC	2101500077	015	00077	R020	3	39999994	1.000000000000	0	100	1.000000000000	N
194	VOC	2101500077	015	00077	R020	4	39999994	1.000000000000	0	100	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
192	N	1	1	0.00	F	0	7	52	0.0000	0.990000000000	0.00	0.00
193	N	1	1	0.00	F	0	7	52	0.0000	1.000000000000	0.00	0.00
194	N	1	1	0.00	F	0	7	52	0.0000	1.000000000000	0.00	0.00
											---	---
MASAINAME											24.13	0.04
PLANT_ID											24.13	0.04

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00082 MASAINAME=R R Donnelley - Florence Facility ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
195	VOC	2101500082	015	00082	004	1	39999999	1.000000000000	0	100	1.000000000000	N
196	VOC	2101500082	015	00082	004	2	39999995	1.000000000000	0	100	1.000000000000	N
197	VOC	2101500082	015	00082	004	3	39999995	1.000000000000	0	100	1.000000000000	N
198	VOC	2101500082	015	00082	004	4	39000699	1.000000000000	0	100	1.000000000000	N
199	VOC	2101500082	015	00082	006	1	39999999	1.000000000000	0	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
195	N	1	1	69.20	F	25	5	52	0.26615	506.889000000000	17.54	0.07
196	N	1	1	1805.00	F	25	5	52	6.94231	1.105610000000	1.00	0.00
197	N	1	1	789.00	F	25	5	52	3.03462	2.469203000000	0.97	0.00
198	N	1	1	5.17	F	25	5	52	0.01988	5.500000000000	0.01	0.00
199	N	1	1	69.70	F	25	7	52	0.19148	506.889000000000	17.67	0.05

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00082 MASAINAME=R R Donnelley - Florence Facility ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
200	VOC	2101500082	015	00082	006	2	39999995	1.000000000000	0	100	1.000000000000	N
201	VOC	2101500082	015	00082	006	3	39999995	1.000000000000	0	100	1.000000000000	N
202	VOC	2101500082	015	00082	006	4	39999995	1.000000000000	0	100	1.000000000000	N
203	VOC	2101500082	015	00082	006	5	39000699	1.000000000000	0	100	1.000000000000	N
204	VOC	2101500082	015	00082	009	1	39999999	1.000000000000	0	100	1.000000000000	N
205	VOC	2101500082	015	00082	009	2	39999995	1.000000000000	0	100	1.000000000000	N
206	VOC	2101500082	015	00082	009	3	39999995	1.000000000000	0	100	1.000000000000	N
207	VOC	2101500082	015	00082	011	1	39999999	1.000000000000	0	100	1.000000000000	N
208	VOC	2101500082	015	00082	011	2	39999995	1.000000000000	0	100	1.000000000000	N
209	VOC	2101500082	015	00082	011	3	39999995	1.000000000000	0	100	1.000000000000	N
210	VOC	2101500082	015	00082	012	1	39999999	1.000000000000	0	100	1.000000000000	N
211	VOC	2101500082	015	00082	012	2	39999995	1.000000000000	0	100	1.000000000000	N
212	VOC	2101500082	015	00082	012	3	39999995	1.000000000000	0	100	1.000000000000	N
213	VOC	2101500082	015	00082	012	4	39999995	1.000000000000	0	100	1.000000000000	N
214	VOC	2101500082	015	00082	012	5	39000699	1.000000000000	0	100	1.000000000000	N
215	VOC	2101500082	015	00082	013	1	39999999	1.000000000000	0	100	1.000000000000	N
216	VOC	2101500082	015	00082	013	2	39999995	1.000000000000	0	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
200	N	1	1	1817.00	F	25	7	52	4.99176	1.105692000000	1.00	0.00
201	N	1	1	54.00	F	25	7	52	0.14835	2.469203000000	0.07	0.00
202	N	1	1	753.00	F	25	7	52	2.06868	2.469203000000	0.93	0.00
203	N	1	1	5.20	F	25	7	52	0.01429	5.500000000000	0.01	0.00
204	N	1	1	2.60	F	25	5	52	0.01000	13.591830000000	0.02	0.00
205	N	1	1	261.00	F	25	5	52	1.00385	2.706975000000	0.35	0.00
206	N	1	1	46.00	F	25	5	52	0.17692	4.491684000000	0.10	0.00
207	N	1	1	6.30	F	25	7	52	0.01731	13.591830000000	0.04	0.00
208	N	1	1	637.00	F	25	7	52	1.75000	2.706972000000	0.86	0.00
209	N	1	1	111.00	F	25	7	52	0.30495	4.491684000000	0.25	0.00
210	N	1	1	97.90	F	25	7	52	0.26896	506.889000000000	24.81	0.07
211	N	1	1	2554.00	F	25	7	52	7.01648	1.105610000000	1.41	0.00
212	N	1	1	76.00	F	25	7	52	0.20879	2.469203000000	0.09	0.00
213	N	1	1	1059.00	F	25	7	52	2.90934	2.469203000000	1.31	0.00
214	N	1	1	7.31	F	25	7	52	0.02008	5.500000000000	0.02	0.00
215	N	1	1	60.31	F	25	5	52	0.23196	506.889000000000	15.29	0.06
216	N	1	1	1596.00	F	25	5	52	6.13846	1.105692000000	0.88	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00082 MASAINAME=R R Donnelley - Florence Facility ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
217	VOC	2101500082	015	00082	013	3	39999995	1.000000000000	0	100	1.000000000000	N
218	VOC	2101500082	015	00082	013	4	39000699	1.000000000000	0	100	1.000000000000	N
219	VOC	2101500082	015	00082	014	1	39999999	1.000000000000	0	100	1.000000000000	N
220	VOC	2101500082	015	00082	014	2	39999999	1.000000000000	0	100	1.000000000000	N
221	VOC	2101500082	015	00082	014	3	40200410	1.000000000000	0	100	1.000000000000	N
222	VOC	2101500082	015	00082	014	4	40200410	1.000000000000	0	100	1.000000000000	N
223	VOC	2101500082	015	00082	014	6	39999999	1.000000000000	0	100	1.000000000000	N
224	VOC	2101500082	015	00082	015	1	39999999	1.000000000000	0	100	1.000000000000	N
225	VOC	2101500082	015	00082	015	2	39999995	1.000000000000	0	100	1.000000000000	N
226	VOC	2101500082	015	00082	015	3	39999995	1.000000000000	0	100	1.000000000000	N
227	VOC	2101500082	015	00082	015	4	39000699	1.000000000000	0	100	1.000000000000	N
228	VOC	2101500082	015	00082	C1	1	40290013	1.000000000000	0	100	1.000000000000	N
229	VOC	2101500082	015	00082	R002	1	39999999	1.000000000000	0	100	1.000000000000	N
230	VOC	2101500082	015	00082	R002	2	39999995	1.000000000000	0	100	1.000000000000	N
231	VOC	2101500082	015	00082	R002	3	39999995	1.000000000000	0	100	1.000000000000	N
232	VOC	2101500082	015	00082	R002	4	39000699	1.000000000000	0	100	1.000000000000	N
233	VOC	2101500082	015	00082	R008	1	39999999	1.000000000000	0	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
217	N	1	1	644.00	F	25	5	52	2.47692	2.469203000000	0.80	0.00
218	N	1	1	4.31	F	25	5	52	0.01658	5.500000000000	0.01	0.00
219	N	1	1	73.40	F	25	7	52	0.20165	19.654860000000	0.72	0.00
220	N	1	1	0.00	F	25	7	52	0.00000	15.560000000000	0.00	0.00
221	N	1	1	685.00	F	25	7	52	1.88187	2.706217000000	0.93	0.00
222	N	1	1	1183.00	F	25	7	52	3.25000	4.491419000000	2.66	0.01
223	N	1	1	2.10	F	25	7	52	0.00577	100.040000000000	0.11	0.00
224	N	1	1	0.00	F	0	7	52	0.00000	506.889000000000	0.00	0.00
225	N	1	1	0.00	F	0	7	52	0.00000	1.105610000000	0.00	0.00
226	N	1	1	0.00	F	0	7	52	0.00000	2.469203000000	0.00	0.00
227	N	1	1	0.00	F	0	7	52	0.00000	5.500000000000	0.00	0.00
228	N	1	1	0.00	N	0	7	52	0.00000	5.500000000000	0.00	0.00
229	N	1	1	0.00	F	0	5	52	0.00000	506.889000000000	0.00	0.00
230	N	1	1	0.00	F	0	5	52	0.00000	1.105218000000	0.00	0.00
231	N	1	1	0.00	F	0	5	52	0.00000	2.469203000000	0.00	0.00
232	N	1	1	0.00	F	0	5	52	0.00000	5.500000000000	0.00	0.00
233	N	1	1	0.00	F	0	5	1	0.00000	13.591830000000	0.00	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00082 MASAINAME=R R Donnelley - Florence Facility ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
234	VOC	2101500082	015	00082	R008	2	39999995	1.000000000000	0	100	1.000000000000	N
235	VOC	2101500082	015	00082	R008	3	39999995	1.000000000000	0	100	1.000000000000	N
236	VOC	2101500082	015	00082	R010	1	39999999	1.000000000000	0	100	1.000000000000	N
237	VOC	2101500082	015	00082	R010	2	39999995	1.000000000000	0	100	1.000000000000	N
238	VOC	2101500082	015	00082	R010	3	39999995	1.000000000000	0	100	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
234	N	1	1	0.00	F	0	5	1	0.00000	2.706972000000	0.00	0.00
235	N	1	1	0.00	F	0	5	1	0.00000	4.491684000000	0.00	0.00
236	N	1	1	0.00	F	0	1	1	0.00000	13.591830000000	0.00	0.00
237	N	1	1	0.00	F	0	1	1	0.00000	2.706972000000	0.00	0.00
238	N	1	1	0.00	F	0	1	1	0.00000	4.491684000000	0.00	0.00

MASAINAME
PLANT_ID

89.86	0.29
89.86	0.29

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00086 MASAINAME=Duro Bag Manufacturing Co ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
239	VOC	2101500086	015	00086	001	1	10200603	1.000000000000	0	100	1.000000000000	N
240	VOC	2101500086	015	00086	002	1	39000699	1.000000000000	0	100	1.000000000000	N
241	VOC	2101500086	015	00086	002	2	39000699	1.000000000000	0	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
239	N	1	1	13.2	F	25	7	52	0.036	5.500000000000	0.04	0.00
240	N	1	1	13.2	F	25	7	52	0.036	5.500000000000	0.04	0.00
241	N	1	1	13.2	F	25	7	52	0.036	5.500000000000	0.04	0.00

ACTUAL POINT SOURCE EMISSIONS

CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA

BOONE, CAMPBELL, AND KENTON COUNTIES

VOC PROCESS LEVEL EMISSIONS

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00086 MASAINAME=Duro Bag Manufacturing Co ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
242	VOC	2101500086	015	00086	003	1	39000699	1.000000000000	0	100	1.000000000000	N
243	VOC	2101500086	015	00086	003	2	39000699	1.000000000000	0	100	1.000000000000	N
244	VOC	2101500086	015	00086	004	1	49099998	1.000000000000	0	100	1.000000000000	N
245	VOC	2101500086	015	00086	005	1	49099998	1.000000000000	0	100	1.000000000000	N
246	VOC	2101500086	015	00086	006	1	40500597	1.000000000000	0	100	1.000000000000	N
247	VOC	2101500086	015	00086	006	2	40500597	1.000000000000	0	100	1.000000000000	N
248	VOC	2101500086	015	00086	006	3	40500597	1.000000000000	0	100	1.000000000000	N
249	VOC	2101500086	015	00086	006	4	40500597	1.000000000000	0	100	1.000000000000	N
250	VOC	2101500086	015	00086	006	5	40500597	1.000000000000	0	100	1.000000000000	N
251	VOC	2101500086	015	00086	006	6	40500597	1.000000000000	0	100	1.000000000000	N
252	VOC	2101500086	015	00086	006	7	40500597	1.000000000000	0	100	1.000000000000	N
253	VOC	2101500086	015	00086	006	8	40500597	1.000000000000	0	100	1.000000000000	N
254	VOC	2101500086	015	00086	007	1	40500597	1.000000000000	0	100	1.000000000000	N
255	VOC	2101500086	015	00086	007	2	40500597	1.000000000000	0	100	1.000000000000	N
256	VOC	2101500086	015	00086	007	3	40500597	1.000000000000	0	100	1.000000000000	N
257	VOC	2101500086	015	00086	007	5	40500597	1.000000000000	0	100	1.000000000000	N
258	VOC	2101500086	015	00086	007	6	40500597	1.000000000000	0	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
242	N	1	1	13.2	F	25	7	52	0.036	5.500000000000	0.04	0.00
243	N	1	1	13.2	F	25	7	52	0.036	5.500000000000	0.04	0.00
244	N	1	1	0.0	F	25	7	52	0.000	6.600000000000	0.00	0.00
245	N	1	1	0.0	F	25	7	52	0.000	6.600000000000	0.00	0.00
246	N	1	1	64801.0	F	25	7	50	185.146	0.070000000000	2.27	0.01
247	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
248	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
249	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
250	N	1	1	64801.0	F	25	7	50	185.146	0.070000000000	2.27	0.01
251	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
252	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
253	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
254	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
255	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
256	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
257	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
258	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00086 MASAINAME=Duro Bag Manufacturing Co ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
259	VOC	2101500086	015	00086	007	7	40500597	1.000000000000	0	100	1.000000000000	N
260	VOC	2101500086	015	00086	007	8	40500597	1.000000000000	0	100	1.000000000000	N
261	VOC	2101500086	015	00086	007	9	40500597	1.000000000000	0	100	1.000000000000	N
262	VOC	2101500086	015	00086	007	10	40500597	1.000000000000	0	100	1.000000000000	N
263	VOC	2101500086	015	00086	007	11	40500597	1.000000000000	0	100	1.000000000000	N
264	VOC	2101500086	015	00086	008	1	40500597	1.000000000000	0	100	1.000000000000	N
265	VOC	2101500086	015	00086	008	2	40500597	1.000000000000	0	100	1.000000000000	N
266	VOC	2101500086	015	00086	008	3	40500597	1.000000000000	0	100	1.000000000000	N
267	VOC	2101500086	015	00086	008	4	40500597	1.000000000000	0	100	1.000000000000	N
268	VOC	2101500086	015	00086	009	1	40500597	1.000000000000	0	100	1.000000000000	N
269	VOC	2101500086	015	00086	009	2	40500597	1.000000000000	0	100	1.000000000000	N
270	VOC	2101500086	015	00086	009	3	40500597	1.000000000000	0	100	1.000000000000	N
271	VOC	2101500086	015	00086	009	4	40500597	1.000000000000	0	100	1.000000000000	N
272	VOC	2101500086	015	00086	009	5	40500597	1.000000000000	0	100	1.000000000000	N
273	VOC	2101500086	015	00086	009	6	40500597	1.000000000000	0	100	1.000000000000	N
274	VOC	2101500086	015	00086	009	7	40500597	1.000000000000	0	100	1.000000000000	N
275	VOC	2101500086	015	00086	021	1	39999995	1.000000000000	99	100	0.010000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
259	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
260	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
261	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
262	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
263	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
264	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
265	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
266	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
267	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
268	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
269	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
270	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
271	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
272	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
273	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
274	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
275	N	1	1	0.0	N	25	7	52	0.000	7.260000000000	0.00	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00086 MASAINAME=Duro Bag Manufacturing Co ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
276	VOC	2101500086	015	00086	024	1	40200701	1.000000000000	0	100	1.000000000000	N
277	VOC	2101500086	015	00086	P08	1	40500597	1.000000000000	0	100	1.000000000000	N
278	VOC	2101500086	015	00086	P08	2	39000699	1.000000000000	0	100	1.000000000000	N
279	VOC	2101500086	015	00086	P08	3	39000699	1.000000000000	0	100	1.000000000000	N
280	VOC	2101500086	015	00086	P10	1	40500597	1.000000000000	0	100	1.000000000000	N
281	VOC	2101500086	015	00086	P10	3	39000699	1.000000000000	0	100	1.000000000000	N
282	VOC	2101500086	015	00086	P12	1	40500597	1.000000000000	0	100	1.000000000000	N
283	VOC	2101500086	015	00086	P14	1	40500597	1.000000000000	0	100	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
276	N	1	1	1977.0	F	25	7	50	5.649	2.307700000000	2.28	0.01
277	N	1	1	64801.0	F	0	1	1	0.000	0.026900000000	0.87	0.00
278	N	1	1	13.2	F	0	1	1	0.000	5.500000000000	0.04	0.00
279	N	1	1	13.2	F	0	1	1	0.000	5.500000000000	0.04	0.00
280	N	1	1	64801.0	F	0	1	1	0.000	0.026900000000	0.87	0.00
281	N	1	1	13.2	F	0	1	1	0.000	5.500000000000	0.04	0.00
282	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
283	N	1	1	64801.0	F	25	7	50	185.146	0.026900000000	0.87	0.00
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MASAINAME											34.13	0.09
PLANT_ID											34.13	0.09

KENTUCKY 2011 OZONE PRECURSOR TEMPO EMISSIONS
ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
VOC PROCESS LEVEL EMISSIONS

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00088 MASAINAME=The Hennegan Co ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
284	VOC	2101500088	015	00088	EP01	1	39999994	1.000000000000	98.20	100	0.018000000000	N
285	VOC	2101500088	015	00088	EP01	2	39999995	1.000000000000	39.28	100	0.607200000000	N
286	VOC	2101500088	015	00088	EP01	3	39999995	1.000000000000	0.00	100	1.000000000000	N
287	VOC	2101500088	015	00088	EP01	4	39999994	1.000000000000	0.00	100	1.000000000000	N
288	VOC	2101500088	015	00088	EP01	5	39000699	1.000000000000	0.00	100	1.000000000000	N
289	VOC	2101500088	015	00088	EP01	6	39000699	1.000000000000	0.00	100	1.000000000000	N
290	VOC	2101500088	015	00088	EP01	7	39999995	1.000000000000	68.74	100	0.312600000000	N
291	VOC	2101500088	015	00088	EP02	1	39999994	1.000000000000	0.00	100	1.000000000000	N
292	VOC	2101500088	015	00088	EP02	2	39999995	1.000000000000	0.00	100	1.000000000000	N
293	VOC	2101500088	015	00088	EP02	3	39999995	1.000000000000	0.00	100	1.000000000000	N
294	VOC	2101500088	015	00088	EP02	4	39999994	1.000000000000	0.00	100	1.000000000000	N
295	VOC	2101500088	015	00088	EP02	5	39999994	1.000000000000	0.00	100	1.000000000000	N
296	VOC	2101500088	015	00088	EP03	1	39999995	1.000000000000	0.00	100	1.000000000000	N
297	VOC	2101500088	015	00088	EP04	1	39999995	1.000000000000	0.00	100	1.000000000000	N
298	VOC	2101500088	015	00088	EP04	2	39999995	1.000000000000	0.00	100	1.000000000000	N
299	VOC	2101500088	015	00088	EP04	3	39999995	1.000000000000	0.00	100	1.000000000000	N
300	VOC	2101500088	015	00088	IA	1	39999999	1.000000000000	0.00	100	1.000000000000	N

MASAINAME

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
284	N	1	1	289647.00	N	25	7	52	795.734	0.226330000000	0.59	0.00
285	N	1	1	873.00	N	25	7	52	2.398	0.075460000000	0.02	0.00
286	N	1	1	3598.00	N	25	7	52	9.885	2.690380000000	4.84	0.01
287	N	1	1	7401.00	N	25	7	52	20.332	0.004400000000	0.02	0.00
288	N	1	1	0.21	N	25	7	52	0.001	5.500000000000	0.00	0.00
289	N	1	1	18.29	N	25	7	52	0.050	5.500000000000	0.05	0.00
290	N	1	1	2242.00	N	25	7	52	6.159	0.256830000000	0.09	0.00
291	N	1	1	39811.00	N	25	7	52	109.371	0.009550000000	0.19	0.00
292	N	1	1	7345.00	N	25	7	52	20.179	1.272090000000	4.67	0.01
293	N	1	1	866.00	N	25	7	52	2.379	3.117780000000	1.35	0.00
294	N	1	1	7601.00	N	25	7	52	20.882	0.002630000000	0.01	0.00
295	N	1	1	24450.00	N	25	7	52	67.170	0.040080000000	0.49	0.00
296	N	1	1	12.00	N	25	7	52	0.033	0.195700000000	0.00	0.00
297	N	1	1	39.60	N	25	7	52	0.109	0.003630000000	0.00	0.00
298	N	1	1	10.30	N	25	7	52	0.028	0.007700000000	0.00	0.00
299	N	1	1	2.00	N	25	7	52	0.005	6.547000000000	0.01	0.00
300	N	1	1	1.94	N	25	7	52	0.005	2000.000000000000	1.94	0.01

KENTUCKY 2011 OZONE PRECURSOR TEMPO EMISSIONS
ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
VOC PROCESS LEVEL EMISSIONS

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00088 MASAINAME=The Hennegan Co ----------

	VOC Tons Per Year	VOC Tons Per Summer Day
MASAINAME	14.27	0.04

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF

PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
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PLANT_ID											14.27	0.04

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00102 MASAINAME=Sweco Inc ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
301	VOC	2101500102	015	00102	06	1	39999995	1.000000000000	0	100	1.000000000000	N
302	VOC	2101500102	015	00102	07	2	39999995	1.000000000000	0	100	1.000000000000	N
303	VOC	2101500102	015	00102	EP01	1	40200510	1.000000000000	0	100	1.000000000000	N
304	VOC	2101500102	015	00102	EP02	2	40200610	1.000000000000	0	100	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
301	N	1	1	5382	N	25	6	52	17.2500	2.620000000000	7.05	0.02
302	N	1	1	5382	N	25	6	52	17.2500	0.870000000000	2.34	0.01
303	N	1	1	2169	F	25	6	52	6.9519	4.620000000000	5.01	0.02
304	N	1	1	414	F	25	6	52	1.3269	4.620000000000	0.96	0.00
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MASAINAME											15.36	0.05
PLANT_ID											15.36	0.05

KENTUCKY 2011 OZONE PRECURSOR TEMPO EMISSIONS
ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
VOC PROCESS LEVEL EMISSIONS

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00114 MASAINAME=Continental Web Press Inc ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
305	VOC	2101500114	015	00114	002	1	39999999	1.000000000000	96.46	100	0.035400000000	N
306	VOC	2101500114	015	00114	002	2	39999995	1.000000000000	67.52	100	0.324800000000	N
307	VOC	2101500114	015	00114	002	3	39999995	1.000000000000	38.58	100	0.614200000000	N
308	VOC	2101500114	015	00114	002	4	39999995	1.000000000000	38.58	100	0.614200000000	N
309	VOC	2101500114	015	00114	002	6	39999994	1.000000000000	67.52	100	0.324800000000	N
310	VOC	2101500114	015	00114	002	7	39999995	1.000000000000	0.00	100	1.000000000000	N
311	VOC	2101500114	015	00114	002	8	10200603	1.000000000000	0.00	100	1.000000000000	N
312	VOC	2101500114	015	00114	003	1	39999999	1.000000000000	96.46	100	0.035400000000	N
313	VOC	2101500114	015	00114	003	2	39999995	1.000000000000	67.52	100	0.324800000000	N
314	VOC	2101500114	015	00114	003	3	39999995	1.000000000000	38.58	100	0.614200000000	N
315	VOC	2101500114	015	00114	003	4	39999995	1.000000000000	38.58	100	0.614200000000	N
316	VOC	2101500114	015	00114	003	7	39999995	1.000000000000	0.00	100	1.000000000000	N
317	VOC	2101500114	015	00114	003	8	10200603	1.000000000000	0.00	100	1.000000000000	N
318	VOC	2101500114	015	00114	004	1	10200603	1.000000000000	0.00	100	1.000000000000	N
319	VOC	2101500114	015	00114	005	1	39999999	1.000000000000	96.46	100	0.035400000000	N
320	VOC	2101500114	015	00114	005	2	39999995	1.000000000000	67.52	100	0.324800000000	N
321	VOC	2101500114	015	00114	005	3	39999995	1.000000000000	38.58	100	0.614200000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
305	N	1	1	13.28	F	26	7	52	0.03794	792.800000000000	0.19	0.00
306	N	1	1	1906.90	F	26	7	52	5.44829	3.550000000000	1.10	0.00
307	N	1	1	149.70	F	26	7	52	0.42771	6.250000000000	0.29	0.00
308	N	1	1	1465.00	F	26	7	52	4.18571	6.800000000000	3.06	0.01
309	N	1	1	385.00	F	26	7	52	1.10000	0.164900000000	0.01	0.00
310	N	1	1	59.10	F	26	7	52	0.16886	5.380000000000	0.16	0.00
311	N	1	1	2.00	F	26	7	52	0.00571	5.500000000000	0.01	0.00
312	N	1	1	12.42	F	25	7	52	0.03412	792.800000000000	0.17	0.00
313	N	1	1	1775.60	F	25	7	52	4.87802	3.550000000000	1.02	0.00
314	N	1	1	141.06	F	25	7	52	0.38753	6.250000000000	0.27	0.00
315	N	1	1	1508.40	F	25	7	52	4.14396	6.800000000000	3.15	0.01
316	N	1	1	18.10	F	25	7	52	0.04973	5.380000000000	0.05	0.00
317	N	1	1	6.65	F	25	7	52	0.01826	5.500000000000	0.02	0.00
318	N	1	1	10.17	F	25	7	52	0.02794	5.500000000000	0.03	0.00
319	N	1	1	16.08	F	19	7	52	0.03357	792.800000000000	0.23	0.00
320	N	1	1	2071.08	F	19	7	52	4.32423	3.550000000000	1.19	0.00
321	N	1	1	149.34	F	19	7	52	0.31181	6.250000000000	0.29	0.00

ACTUAL POINT SOURCE EMISSIONS

CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA

BOONE, CAMPBELL, AND KENTON COUNTIES

VOC PROCESS LEVEL EMISSIONS

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00114 MASAINAME=Continental Web Press Inc ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
322	VOC	2101500114	015	00114	005	4	39999995	1.000000000000	38.58	100	0.614200000000	N
323	VOC	2101500114	015	00114	005	7	39999995	1.000000000000	0.00	100	1.000000000000	N
324	VOC	2101500114	015	00114	005	8	10200603	1.000000000000	0.00	100	1.000000000000	N

MASAINAME

PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
322	N	1	1	1311.60	F	19	7	52	2.73851	6.800000000000	2.74	0.01
323	N	1	1	18.96	F	19	7	52	0.03959	5.380000000000	0.05	0.00
324	N	1	1	6.37	F	19	7	52	0.01331	5.500000000000	0.02	0.00
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MASAINAME											14.03	0.04
PLANT_ID											14.03	0.04

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00120 MASAINAME=Schwan's Global Supply Chain LLC ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
325	VOC	2101500120	015	00120	EU01	1	10200602	1.000000000000	0	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
325	N	1	1	0.95	F	25	5	5	0.0380	5.500000000000	0.00	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00120 MASAINAME=Schwan's Global Supply Chain LLC ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
326	VOC	2101500120	015	00120	EU02	1	30203202	1.000000000000	0	100	1.000000000000	N
327	VOC	2101500120	015	00120	EU02	2	10200603	1.000000000000	0	100	1.000000000000	N
328	VOC	2101500120	015	00120	EU03	1	30203202	1.000000000000	0	100	1.000000000000	N
329	VOC	2101500120	015	00120	EU03	2	10200603	1.000000000000	0	100	1.000000000000	N
330	VOC	2101500120	015	00120	EU04	1	10200602	1.000000000000	0	100	1.000000000000	N
331	VOC	2101500120	015	00120	EU05	1	10200603	1.000000000000	0	100	1.000000000000	N
332	VOC	2101500120	015	00120	EU05	2	30203202	1.000000000000	95	100	0.050000000000	N
333	VOC	2101500120	015	00120	EU05	3	10200603	1.000000000000	95	100	0.050000000000	N
334	VOC	2101500120	015	00120	EU06	1	39000699	1.000000000000	0	100	1.000000000000	N
335	VOC	2101500120	015	00120	EU07	1	20200253	1.000000000000	0	100	1.000000000000	N
336	VOC	2101500120	015	00120	EU08	1	20200253	1.000000000000	0	100	1.000000000000	N
337	VOC	2101500120	015	00120	EU09	1	10200603	1.000000000000	0	100	1.000000000000	N
338	VOC	2101500120	015	00120	IA01	1	10200603	1.000000000000	0	100	1.000000000000	N
339	VOC	2101500120	015	00120	IA02	1	10200603	1.000000000000	0	100	1.000000000000	N
340	VOC	2101500120	015	00120	IA03	1	20201001	1.000000000000	0	100	1.000000000000	N
341	VOC	2101500120	015	00120	IA04	1	20201001	1.000000000000	0	100	1.000000000000	N
342	VOC	2101500120	015	00120	IA05	1	10200603	1.000000000000	0	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
326	N	1	1	4369.76	F	25	5	50	17.4790	6.750000000000	14.75	0.06
327	N	1	1	11.32	F	25	5	50	0.0453	5.500000000000	0.03	0.00
328	N	1	1	11248.87	F	25	5	50	44.9955	6.750000000000	37.96	0.15
329	N	1	1	13.59	F	25	5	50	0.0544	5.500000000000	0.04	0.00
330	N	1	1	18.80	N	25	6	35	0.0895	5.500000000000	0.05	0.00
331	N	1	1	9.06	N	25	5	52	0.0348	5.500000000000	0.02	0.00
332	N	1	1	10916.50	N	25	5	52	41.9865	5.950000000000	1.62	0.01
333	N	1	1	1.70	N	25	5	52	0.0065	5.500000000000	0.00	0.00
334	N	1	1	13.59	N	25	5	24	0.1133	5.500000000000	0.04	0.00
335	N	1	1	0.29	N	25	1	12	0.0242	29.600000000000	0.00	0.00
336	N	1	1	0.30	N	25	1	12	0.0250	29.600000000000	0.00	0.00
337	N	1	1	6.79	F	25	5	50	0.0272	5.500000000000	0.02	0.00
338	N	1	1	20.28	N	25	5	50	0.0811	5.500000000000	0.06	0.00
339	N	1	1	8.16	N	25	5	50	0.0326	5.500000000000	0.02	0.00
340	N	1	1	1.70	F	25	5	26	0.0130	10.980000000000	0.01	0.00
341	N	1	1	1.70	F	25	5	26	0.0130	10.980000000000	0.01	0.00
342	N	1	1	12.68	F	25	5	50	0.0507	5.500000000000	0.03	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00120 MASAINAME=Schwan's Global Supply Chain LLC ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
343	VOC	2101500120	015	00120	IA06	1	10200603	1.000000000000	0	100	1.000000000000	N
344	VOC	2101500120	015	00120	R-EQ01	1	10200603	1.000000000000	0	100	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
343	N	1	1	0.00	F	25	1	1	0.0000	5.500000000000	0.00	0.00
344	N	1	1	0.00	F	25	1	1	0.0000	5.500000000000	0.00	0.00
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MASAINAME											54.68	0.22
PLANT_ID											54.68	0.22

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00126 MASAINAME=Keebler Foods Co ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
345	VOC	2101500126	015	00126	000007	1	49099998	1.000000000000	0	100	1.000000000000	N
346	VOC	2101500126	015	00126	00001a	1	39000699	1.000000000000	0	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
345	N	1	1	1310.00	N	25	7	52	3.59890	1.132060000000	0.74	0.00
346	N	1	1	14.76	F	26	6	48	0.05330	5.500000000000	0.04	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00126 MASAINAME=Keebler Foods Co ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
347	VOC	2101500126	015	00126	00001a	2	39001099	1.000000000000	0	100	1.000000000000	N
348	VOC	2101500126	015	00126	00001b	1	30299998	1.000000000000	0	100	1.000000000000	N
349	VOC	2101500126	015	00126	00002	1	39000699	1.000000000000	0	100	1.000000000000	N
350	VOC	2101500126	015	00126	00002	2	39001099	1.000000000000	0	100	1.000000000000	N
351	VOC	2101500126	015	00126	00002a	1	39000699	1.000000000000	0	100	1.000000000000	N
352	VOC	2101500126	015	00126	00002a	2	39001099	1.000000000000	0	100	1.000000000000	N
353	VOC	2101500126	015	00126	00002b	1	30203202	1.000000000000	0	100	1.000000000000	N
354	VOC	2101500126	015	00126	000304	1	10300603	1.000000000000	0	100	1.000000000000	N
355	VOC	2101500126	015	00126	000304	2	10301002	1.000000000000	0	100	1.000000000000	N
356	VOC	2101500126	015	00126	050607	1	10300603	1.000000000000	0	100	1.000000000000	N
357	VOC	2101500126	015	00126	050607	2	10301002	1.000000000000	0	100	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
347	N	1	1	0.35	F	26	6	48	0.00125	0.800000000000	0.00	0.00
348	N	1	1	19.40	N	26	7	50	0.05765	646.546390000000	6.27	0.02
349	N	1	1	16.45	F	26	6	48	0.05940	5.500000000000	0.05	0.00
350	N	1	1	0.39	F	26	6	48	0.00140	0.800000000000	0.00	0.00
351	N	1	1	0.98	F	21	7	52	0.00226	5.500000000000	0.00	0.00
352	N	1	1	0.02	F	21	7	52	0.00005	0.800000000000	0.00	0.00
353	N	1	1	30.20	N	25	7	45	0.09587	645.430460000000	9.75	0.03
354	N	1	1	12.51	F	26	6	48	0.04518	5.500000000000	0.03	0.00
355	N	1	1	0.29	F	26	6	48	0.00106	0.800000000000	0.00	0.00
356	N	1	1	8.43	F	26	6	48	0.03044	5.500000000000	0.02	0.00
357	N	1	1	0.20	F	26	6	48	0.00072	0.800000000000	0.00	0.00
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MASAINAME											16.91	0.05
PLANT_ID											16.91	0.05

KENTUCKY 2011 OZONE PRECURSOR TEMPO EMISSIONS
ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
VOC PROCESS LEVEL EMISSIONS

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00142 MASAINAME=Abrapower Ltd ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	SCC	INC	CTEFF	RE	CTEFFX	ASHF
358	VOC	2101500142	015	00142	EP01	1	39999994	1.000000000000	0	100	1.000000000000	N
359	VOC	2101500142	015	00142	EP01	2	39999994	1.000000000000	0	100	1.000000000000	N
360	VOC	2101500142	015	00142	EP03	1	39999994	1.000000000000	0	100	1.000000000000	N
361	VOC	2101500142	015	00142	EP04	1	39999994	1.000000000000	0	100	1.000000000000	N
362	VOC	2101500142	015	00142	EP04	2	39999994	1.000000000000	0	100	1.000000000000	N
363	VOC	2101500142	015	00142	EP05	1	39999994	1.000000000000	0	100	1.000000000000	N
364	VOC	2101500142	015	00142	IA6	1	10500106	1.000000000000	0	100	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
358	N	1	1	90714.00	N	25	7	52	249.214	0.660000000000	29.94	0.08
359	N	1	1	0.00	N	25	7	52	0.000	0.263400000000	0.00	0.00
360	N	1	1	50598.00	N	25	7	52	139.005	0.966000000000	24.44	0.07
361	N	1	1	1200.00	N	25	7	52	3.297	0.660000000000	0.40	0.00
362	N	1	1	0.00	N	25	7	52	0.000	0.263400000000	0.00	0.00
363	N	1	1	780.00	N	25	7	52	2.143	0.966000000000	0.38	0.00
364	N	1	1	0.93	N	5	7	52	0.001	5.500000000000	0.00	0.00
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MASAINAME											55.15	0.15
PLANT_ID											55.15	0.15

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00144 MASAINAME=Stonehouse Building Products LLC ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	SCC	INC	CTEFF	RE	CTEFFX	ASHF
365	VOC	2101500144	015	00144	10MP1	28	40200101	1.000000000000	0	100	1.000000000000	N
366	VOC	2101500144	015	00144	10MP2	29	40200101	1.000000000000	0	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
365	N	1	1	4.5870	N	25	5	52	0.01764	409.400000000000	0.94	0.00
366	N	1	1	0.0656	N	25	5	52	0.00025	2000.000000000000	0.07	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00144 MASAINAME=Stonehouse Building Products LLC ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
367	VOC	2101500144	015	00144	10MP3	30	40200101	1.000000000000	0	100	1.000000000000	N
368	VOC	2101500144	015	00144	11MP1	1	40200101	1.000000000000	0	100	1.000000000000	N
369	VOC	2101500144	015	00144	11MP1	2	40200101	1.000000000000	0	100	1.000000000000	N
370	VOC	2101500144	015	00144	11MP1	31	40200101	1.000000000000	0	100	1.000000000000	N
371	VOC	2101500144	015	00144	11MP2	32	40200101	1.000000000000	0	100	1.000000000000	N
372	VOC	2101500144	015	00144	12MP1	1	40200101	1.000000000000	0	100	1.000000000000	N
373	VOC	2101500144	015	00144	12MP1	2	40200101	1.000000000000	0	100	1.000000000000	N
374	VOC	2101500144	015	00144	12MP1	34	40200101	1.000000000000	0	100	1.000000000000	N
375	VOC	2101500144	015	00144	12MP2	35	40200101	1.000000000000	0	100	1.000000000000	N
376	VOC	2101500144	015	00144	13MP1	37	40200101	1.000000000000	0	100	1.000000000000	N
377	VOC	2101500144	015	00144	13MP2	38	40200101	1.000000000000	0	100	1.000000000000	N
378	VOC	2101500144	015	00144	13MP3	39	40200101	1.000000000000	0	100	1.000000000000	N
379	VOC	2101500144	015	00144	14MP1	41	40200101	1.000000000000	0	100	1.000000000000	N
380	VOC	2101500144	015	00144	14MP2	42	40200101	1.000000000000	0	100	1.000000000000	N
381	VOC	2101500144	015	00144	14MP3	43	40200101	1.000000000000	0	100	1.000000000000	N
382	VOC	2101500144	015	00144	14MP4	43	40200101	1.000000000000	0	100	1.000000000000	N
383	VOC	2101500144	015	00144	15	1	10500106	1.000000000000	0	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
367	N	1	1	0.0805	N	25	5	52	0.00031	2000.000000000000	0.08	0.00
368	N	1	1	5.7870	N	25	5	52	0.02226	155.800000000000	0.45	0.00
369	N	1	1	4.2760	N	25	5	52	0.01645	0.000000000000	0.00	0.00
370	N	1	1	0.0000	N	25	5	52	0.00000	262.000000000000	0.00	0.00
371	N	1	1	0.0827	N	25	5	52	0.00032	2000.000000000000	0.08	0.00
372	N	1	1	0.0000	N	25	5	52	0.00000	155.800000000000	0.00	0.00
373	N	1	1	0.0000	N	25	5	52	0.00000	0.000000000000	0.00	0.00
374	N	1	1	0.0000	N	25	5	52	0.00000	262.000000000000	0.00	0.00
375	N	1	1	0.0000	N	25	5	52	0.00000	2000.000000000000	0.00	0.00
376	N	1	1	84.7220	N	25	5	52	0.32585	12.400000000000	0.53	0.00
377	N	1	1	1.2115	N	25	5	52	0.00466	2000.000000000000	1.21	0.00
378	N	1	1	62.6014	N	25	5	52	0.24077	0.000000000000	0.00	0.00
379	N	1	1	12.3375	N	25	7	52	0.03389	12.400000000000	0.08	0.00
380	N	1	1	0.1764	N	25	7	52	0.00048	2000.000000000000	0.18	0.00
381	N	1	1	10.3620	N	25	7	52	0.02847	0.000000000000	0.00	0.00
382	N	1	1	0.2166	N	25	5	52	0.00083	2000.000000000000	0.22	0.00
383	N	1	1	2.7087	N	0	5	52	0.00000	5.500000000000	0.01	0.00

ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
VOC PROCESS LEVEL EMISSIONS

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00144 MASAINAME=Stonehouse Building Products LLC ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
384	VOC	2101500144	015	00144	17	1	40714698	1.000000000000	0	100	1.000000000000	N
385	VOC	2101500144	015	00144	18	2	40714698	1.000000000000	0	100	1.000000000000	N
386	VOC	2101500144	015	00144	1MP1	1	40200101	1.000000000000	0	100	1.000000000000	N
387	VOC	2101500144	015	00144	1MP2	2	40200101	1.000000000000	0	100	1.000000000000	N
388	VOC	2101500144	015	00144	20	1	39999994	1.000000000000	0	100	1.000000000000	N
389	VOC	2101500144	015	00144	2MP1	4	40200101	1.000000000000	0	100	1.000000000000	N
390	VOC	2101500144	015	00144	2MP2	5	40200101	1.000000000000	0	100	1.000000000000	N
391	VOC	2101500144	015	00144	3MP1	7	40200101	1.000000000000	0	100	1.000000000000	N
392	VOC	2101500144	015	00144	3MP2	8	40200101	1.000000000000	0	100	1.000000000000	N
393	VOC	2101500144	015	00144	4MP1	10	40200101	1.000000000000	0	100	1.000000000000	N
394	VOC	2101500144	015	00144	4MP2	11	40200101	1.000000000000	0	100	1.000000000000	N
395	VOC	2101500144	015	00144	5MP1	13	40200101	1.000000000000	0	100	1.000000000000	N
396	VOC	2101500144	015	00144	5MP2	14	40200101	1.000000000000	0	100	1.000000000000	N
397	VOC	2101500144	015	00144	6MP1	16	40200101	1.000000000000	0	100	1.000000000000	N
398	VOC	2101500144	015	00144	6MP2	17	40200101	1.000000000000	0	100	1.000000000000	N
399	VOC	2101500144	015	00144	7MP1	19	40200101	1.000000000000	0	100	1.000000000000	N
400	VOC	2101500144	015	00144	7MP2	20	40200101	1.000000000000	0	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
384	N	1	1	0.4035	N	25	5	52	0.00155	0.107200000000	0.00	0.00
385	N	1	1	41.2690	N	25	5	52	0.15873	0.165000000000	0.00	0.00
386	N	1	1	23.3288	N	25	5	52	0.08973	409.400000000000	4.78	0.02
387	N	1	1	0.0330	N	25	5	52	0.00013	2000.000000000000	0.03	0.00
388	N	1	1	0.0000	N	25	5	52	0.00000	1.000000000000	0.00	0.00
389	N	1	1	3.1078	N	25	5	52	0.01195	262.000000000000	0.41	0.00
390	N	1	1	0.0440	N	25	5	52	0.00017	2000.000000000000	0.04	0.00
391	N	1	1	10.4960	N	25	5	52	0.04037	409.400000000000	2.15	0.01
392	N	1	1	0.1500	N	25	5	52	0.00058	2000.000000000000	0.15	0.00
393	N	1	1	19.0691	N	25	5	52	0.07334	409.400000000000	3.90	0.02
394	N	1	1	0.2726	N	25	5	52	0.00105	2000.000000000000	0.27	0.00
395	N	1	1	3.0100	N	25	5	52	0.01158	409.400000000000	0.62	0.00
396	N	1	1	0.0430	N	25	5	52	0.00017	2000.000000000000	0.04	0.00
397	N	1	1	7.0240	N	25	5	52	0.02702	409.400000000000	1.44	0.01
398	N	1	1	0.1004	N	25	5	52	0.00039	2000.000000000000	0.10	0.00
399	N	1	1	0.0000	N	25	5	52	0.00000	409.400000000000	0.00	0.00
400	N	1	1	0.0000	N	25	5	52	0.00000	2000.000000000000	0.00	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00144 MASAINAME=Stonehouse Building Products LLC ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
401	VOC	2101500144	015	00144	7MP3	21	40200101	1.000000000000	0	100	1.000000000000	N
402	VOC	2101500144	015	00144	8MP1	22	40200101	1.000000000000	0	100	1.000000000000	N
403	VOC	2101500144	015	00144	8MP2	23	40200101	1.000000000000	0	100	1.000000000000	N
404	VOC	2101500144	015	00144	8MP3	24	40200101	1.000000000000	0	100	1.000000000000	N
405	VOC	2101500144	015	00144	9MP1	25	40200101	1.000000000000	0	100	1.000000000000	N
406	VOC	2101500144	015	00144	9MP2	26	40200101	1.000000000000	0	100	1.000000000000	N
407	VOC	2101500144	015	00144	9MP3	27	40200101	1.000000000000	0	100	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
401	N	1	1	0.0000	N	25	5	52	0.00000	2000.000000000000	0.00	0.00
402	N	1	1	0.0000	N	25	5	52	0.00000	409.400000000000	0.00	0.00
403	N	1	1	0.0000	N	25	5	52	0.00000	2000.000000000000	0.00	0.00
404	N	1	1	0.0000	N	25	5	52	0.00000	2000.000000000000	0.00	0.00
405	N	1	1	0.0000	N	25	5	52	0.00000	409.400000000000	0.00	0.00
406	N	1	1	0.0000	N	25	5	52	0.00000	2000.000000000000	0.00	0.00
407	N	1	1	0.0000	N	25	5	52	0.00000	2000.000000000000	0.00	0.00

MASAINAME
PLANT_ID

	17.77	0.07
	17.77	0.07

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00146 MASAINAME=Zumbiel Packaging ----------

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
408	VOC	2101500146	015	00146	11	1	39999995	1.000000000000	0	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
408	N	1	1	4957.00	N	25	7	52	13.618	0.002580000000	0.01	0.00

ACTUAL POINT SOURCE EMISSIONS

CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA

BOONE, CAMPBELL, AND KENTON COUNTIES

VOC PROCESS LEVEL EMISSIONS

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00146 MASAINAME=Zumbiel Packaging ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
409	VOC	2101500146	015	00146	6(1-9)	1	39999999	1.000000000000	0	100	1.000000000000	N
410	VOC	2101500146	015	00146	EP 01	1	40500812	1.000000000000	0	100	1.000000000000	N
411	VOC	2101500146	015	00146	EP 01	2	39999995	1.000000000000	0	100	1.000000000000	N
412	VOC	2101500146	015	00146	EP 01	3	39999995	1.000000000000	0	100	1.000000000000	N
413	VOC	2101500146	015	00146	EP 01	4	39999995	1.000000000000	0	100	1.000000000000	N
414	VOC	2101500146	015	00146	EP 01	5	39999995	1.000000000000	0	100	1.000000000000	N
415	VOC	2101500146	015	00146	EP 01	6	39999995	1.000000000000	0	100	1.000000000000	N
416	VOC	2101500146	015	00146	EP 01	7	40201001	1.000000000000	0	100	1.000000000000	N
417	VOC	2101500146	015	00146	EP 02	1	40500812	1.000000000000	0	100	1.000000000000	N
418	VOC	2101500146	015	00146	EP 02	2	39999995	1.000000000000	0	100	1.000000000000	N
419	VOC	2101500146	015	00146	EP 02	3	39999995	1.000000000000	0	100	1.000000000000	N
420	VOC	2101500146	015	00146	EP 02	4	39999995	1.000000000000	0	100	1.000000000000	N
421	VOC	2101500146	015	00146	EP 02	5	39999995	1.000000000000	0	100	1.000000000000	N
422	VOC	2101500146	015	00146	EP 02	6	39999995	1.000000000000	0	100	1.000000000000	N
423	VOC	2101500146	015	00146	EP 02	7	40201001	1.000000000000	0	100	1.000000000000	N
424	VOC	2101500146	015	00146	EP 02	8	40201001	1.000000000000	0	100	1.000000000000	N
425	VOC	2101500146	015	00146	EP 03	1	40500812	1.000000000000	0	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
409	N	1	1	72.72	N	25	7	52	0.200	2.191280000000	0.08	0.00
410	N	1	1	24729.04	N	25	7	52	67.937	0.542436000000	6.71	0.02
411	N	1	1	41837.74	N	25	7	52	114.939	0.118000000000	2.47	0.01
412	N	1	1	41025.02	N	25	7	52	112.706	0.016170000000	0.33	0.00
413	N	1	1	0.00	N	25	7	52	0.000	6.570000000000	0.00	0.00
414	N	1	1	293.93	N	25	7	52	0.808	0.405917000000	0.06	0.00
415	N	1	1	0.00	N	25	7	52	0.000	0.434500000000	0.00	0.00
416	N	1	1	11.90	N	25	7	52	0.033	5.500000000000	0.03	0.00
417	N	1	1	254.24	N	25	7	52	0.698	0.505664000000	0.06	0.00
418	N	1	1	0.00	N	25	7	52	0.000	0.118000000000	0.00	0.00
419	N	1	1	255.65	N	25	7	52	0.702	0.189431000000	0.02	0.00
420	N	1	1	235.17	N	25	7	52	0.646	0.016200000000	0.00	0.00
421	N	1	1	0.00	N	25	7	52	0.000	6.570000000000	0.00	0.00
422	N	1	1	15.05	N	25	7	52	0.041	0.305558000000	0.00	0.00
423	N	1	1	0.22	N	25	7	52	0.001	5.500000000000	0.00	0.00
424	N	1	1	0.00	N	25	7	52	0.000	5.500000000000	0.00	0.00
425	N	1	1	4102.16	N	25	7	52	11.270	0.455300000000	0.93	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00146 MASAINAME=Zumbiel Packaging ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
426	VOC	2101500146	015	00146	EP 03	2	39999995	1.000000000000	0	100	1.000000000000	N
427	VOC	2101500146	015	00146	EP 03	3	39999995	1.000000000000	0	100	1.000000000000	N
428	VOC	2101500146	015	00146	EP 03	4	39999995	1.000000000000	0	100	1.000000000000	N
429	VOC	2101500146	015	00146	EP 03	5	39999995	1.000000000000	0	100	1.000000000000	N
430	VOC	2101500146	015	00146	EP 03	6	39999995	1.000000000000	0	100	1.000000000000	N
431	VOC	2101500146	015	00146	EP 03	7	40201001	1.000000000000	0	100	1.000000000000	N
432	VOC	2101500146	015	00146	EP 03	8	40201001	1.000000000000	0	100	1.000000000000	N
433	VOC	2101500146	015	00146	EP 04	1	40500812	1.000000000000	0	100	1.000000000000	N
434	VOC	2101500146	015	00146	EP 04	2	39999995	1.000000000000	0	100	1.000000000000	N
435	VOC	2101500146	015	00146	EP 04	3	39999995	1.000000000000	0	100	1.000000000000	N
436	VOC	2101500146	015	00146	EP 04	4	39999995	1.000000000000	0	100	1.000000000000	N
437	VOC	2101500146	015	00146	EP 04	5	39999995	1.000000000000	0	100	1.000000000000	N
438	VOC	2101500146	015	00146	EP 04	6	39999995	1.000000000000	0	100	1.000000000000	N
439	VOC	2101500146	015	00146	EP 04	7	40201001	1.000000000000	0	100	1.000000000000	N
440	VOC	2101500146	015	00146	EP 07	1	40500812	1.000000000000	0	100	1.000000000000	N
441	VOC	2101500146	015	00146	EP 07	2	39999995	1.000000000000	0	100	1.000000000000	N
442	VOC	2101500146	015	00146	EP 07	3	39999995	1.000000000000	0	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
426	N	1	1	0.00	N	25	7	52	0.0000	0.640000000000	0.00	0.00
427	N	1	1	17285.39	N	25	7	52	47.4873	0.106100000000	0.92	0.00
428	N	1	1	11591.61	N	25	7	52	31.8451	0.084000000000	0.49	0.00
429	N	1	1	0.00	N	25	7	52	0.0000	6.570000000000	0.00	0.00
430	N	1	1	187.27	N	25	7	52	0.5145	8.249891000000	0.77	0.00
431	N	1	1	9.80	N	25	7	52	0.0269	5.500000000000	0.03	0.00
432	N	1	1	4.80	N	25	7	52	0.0132	5.500000000000	0.01	0.00
433	N	1	1	9512.95	N	25	7	52	26.1345	0.578700000000	2.75	0.01
434	N	1	1	0.00	N	25	7	52	0.0000	0.168100000000	0.00	0.00
435	N	1	1	16458.41	N	25	7	52	45.2154	0.115618000000	0.95	0.00
436	N	1	1	13909.47	N	25	7	52	38.2128	0.091535000000	0.64	0.00
437	N	1	1	0.00	N	25	7	52	0.0000	6.570000000000	0.00	0.00
438	N	1	1	178.24	N	25	7	52	0.4897	4.642152000000	0.41	0.00
439	N	1	1	11.19	N	25	7	52	0.0307	5.500000000000	0.03	0.00
440	N	1	1	2753.17	N	25	7	52	7.5637	0.387750000000	0.53	0.00
441	N	1	1	4684.81	N	25	7	52	12.8704	0.099300000000	0.23	0.00
442	N	1	1	4779.13	N	25	7	52	13.1295	0.083820700000	0.20	0.00

ACTUAL POINT SOURCE EMISSIONS

CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA

BOONE, CAMPBELL, AND KENTON COUNTIES

VOC PROCESS LEVEL EMISSIONS

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00146 MASAINAME=Zumbiel Packaging ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
443	VOC	2101500146	015	00146	EP 07	4	39999995	1.000000000000	0	100	1.000000000000	N
444	VOC	2101500146	015	00146	EP 07	5	40201001	1.000000000000	0	100	1.000000000000	N
445	VOC	2101500146	015	00146	EP 08	1	40500812	1.000000000000	0	100	1.000000000000	N
446	VOC	2101500146	015	00146	EP 08	2	39999995	1.000000000000	0	100	1.000000000000	N
447	VOC	2101500146	015	00146	EP 08	3	39999995	1.000000000000	0	100	1.000000000000	N
448	VOC	2101500146	015	00146	EP 08	4	39999995	1.000000000000	0	100	1.000000000000	N
449	VOC	2101500146	015	00146	EP 08	5	40201001	1.000000000000	0	100	1.000000000000	N
450	VOC	2101500146	015	00146	EP 09	1	40500812	1.000000000000	0	100	1.000000000000	N
451	VOC	2101500146	015	00146	EP 09	2	39999995	1.000000000000	0	100	1.000000000000	N
452	VOC	2101500146	015	00146	EP 09	3	39999995	1.000000000000	0	100	1.000000000000	N
453	VOC	2101500146	015	00146	EP 09	4	39999995	1.000000000000	0	100	1.000000000000	N
454	VOC	2101500146	015	00146	EP 09	5	39999995	1.000000000000	0	100	1.000000000000	N
455	VOC	2101500146	015	00146	EP 09	6	39999995	1.000000000000	0	100	1.000000000000	N
456	VOC	2101500146	015	00146	EP 09	7	39999995	1.000000000000	0	100	1.000000000000	N
457	VOC	2101500146	015	00146	EP 09	8	39999995	1.000000000000	0	100	1.000000000000	N
458	VOC	2101500146	015	00146	EP 10	1	40500812	1.000000000000	0	100	1.000000000000	N
459	VOC	2101500146	015	00146	EP 10	2	39999995	1.000000000000	0	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
443	N	1	1	52.04	N	25	7	52	0.1430	9.256791000000	0.24	0.00
444	N	1	1	5.10	N	25	7	52	0.0140	5.500000000000	0.01	0.00
445	N	1	1	28.60	N	25	7	52	0.0786	0.811200000000	0.01	0.00
446	N	1	1	31.66	N	25	7	52	0.0870	0.099300000000	0.00	0.00
447	N	1	1	110.42	N	25	7	52	0.3034	0.083820700000	0.00	0.00
448	N	1	1	5.94	N	25	7	52	0.0163	8.855068000000	0.03	0.00
449	N	1	1	2.70	N	25	7	52	0.0074	5.500000000000	0.01	0.00
450	N	1	1	6295.44	N	25	7	52	17.2952	0.121000000000	0.38	0.00
451	N	1	1	619.75	N	25	7	52	1.7026	1.400000000000	0.43	0.00
452	N	1	1	24.05	N	25	7	52	0.0661	7.900000000000	0.09	0.00
453	N	1	1	1705.00	N	25	7	52	4.6841	6.351000000000	5.41	0.01
454	N	1	1	0.00	N	25	7	52	0.0000	6.600000000000	0.00	0.00
455	N	1	1	210.00	N	25	7	52	0.5769	6.500000000000	0.68	0.00
456	N	1	1	23030.26	N	25	7	52	63.2699	0.224000000000	2.58	0.01
457	N	1	1	46.93	N	25	7	52	0.1289	6.600000000000	0.15	0.00
458	N	1	1	0.00	N	25	7	52	0.0000	0.121000000000	0.00	0.00
459	N	1	1	0.00	N	25	7	52	0.0000	1.400000000000	0.00	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=015 COUNTYN=Boone PLANT_ID=00146 MASAINAME=Zumbiel Packaging ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
460	VOC	2101500146	015	00146	EP 10	3	39999995	1.000000000000	0	100	1.000000000000	N
461	VOC	2101500146	015	00146	EP 10	4	39999995	1.000000000000	0	100	1.000000000000	N
462	VOC	2101500146	015	00146	EP 10	5	39999995	1.000000000000	0	100	1.000000000000	N
463	VOC	2101500146	015	00146	EP 10	6	39999995	1.000000000000	0	100	1.000000000000	N
464	VOC	2101500146	015	00146	EP 10	7	39999995	1.000000000000	0	100	1.000000000000	N
465	VOC	2101500146	015	00146	EP 10	8	39999995	1.000000000000	0	100	1.000000000000	N
466	VOC	2101500146	015	00146	EP05	1	39999995	1.000000000000	0	100	1.000000000000	N

MASAINAME
PLANT_ID
COUNTYN
CNTY_CODE

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
460	N	1	1	0.00	N	25	7	52	0.0000	7.900000000000	0.00	0.00
461	N	1	1	0.00	N	25	7	52	0.0000	6.930000000000	0.00	0.00
462	N	1	1	0.00	N	25	7	52	0.0000	6.600000000000	0.00	0.00
463	N	1	1	0.00	N	25	7	52	0.0000	6.500000000000	0.00	0.00
464	N	1	1	0.00	N	25	7	52	0.0000	0.224000000000	0.00	0.00
465	N	1	1	0.00	N	25	7	52	0.0000	0.600000000000	0.00	0.00
466	N	1	1	14384.00	N	25	7	52	39.5165	0.000000000000	0.00	0.00

MASAINAME	28.73	0.08
PLANT_ID	28.73	0.08
COUNTYN	556.27	1.73
CNTY_CODE	556.27	1.73

KENTUCKY 2011 OZONE PRECURSOR TEMPO EMISSIONS
ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
VOC PROCESS LEVEL EMISSIONS

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=037 COUNTYN=Campbell PLANT_ID=00006 MASAINAME=IPSCO Tubulars Inc ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
467	VOC	2103700006	037	00006	008	1	40200410	1.000000000000	0	100	1.000000000000	N
468	VOC	2103700006	037	00006	008	2	40200998	1.000000000000	0	100	1.000000000000	N
469	VOC	2103700006	037	00006	009	1	40200410	1.000000000000	0	100	1.000000000000	N
470	VOC	2103700006	037	00006	009	2	40200998	1.000000000000	0	100	1.000000000000	N
471	VOC	2103700006	037	00006	014	1	39999992	1.000000000000	0	100	1.000000000000	N
472	VOC	2103700006	037	00006	015	4	38500110	1.000000000000	0	100	1.000000000000	N
473	VOC	2103700006	037	00006	015	5	38500110	1.000000000000	0	100	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
467	N	1	1	0	F	25	7	52	0.0000	3.900000000000	0.00	0.00
468	N	1	1	0	F	25	7	52	0.0000	6.590000000000	0.00	0.00
469	N	1	1	17339	F	25	5	51	67.9961	3.900000000000	33.81	0.13
470	N	1	1	1147	F	25	5	51	4.4980	6.590000000000	3.78	0.01
471	N	1	1	1025	F	25	7	52	2.8159	0.250000000000	0.13	0.00
472	N	1	1	6	F	25	7	52	0.0165	0.011520000000	0.00	0.00
473	N	1	1	176	F	25	7	52	0.4835	0.011520000000	0.00	0.00
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MASAINAME											37.72	0.15
PLANT_ID											37.72	0.15

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=037 COUNTYN=Campbell PLANT_ID=00090 MASAINAME=Continental Silver Grove LLC ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
474	VOC	2103700090	037	00090	EG02	4	20200102	1.000000000000	0	100	1.000000000000	N
475	VOC	2103700090	037	00090	EG05	2	30501599	1.000000000000	0	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
474	N	1	1	4.83	F	25	7	52	0.01	50.282000000000	0.12	0.00
475	N	1	1	465007.00	F	25	7	52	1277.49	0.041000000000	9.53	0.03

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=037 COUNTYN=Campbell PLANT_ID=00090 MASAINAME=Continental Silver Grove LLC ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
476	VOC	2103700090	037	00090	EG05	3	39000699	1.000000000000	0	100	1.000000000000	N
477	VOC	2103700090	037	00090	EG05	7	30501599	1.000000000000	0	100	1.000000000000	N
478	VOC	2103700090	037	00090	EG05	8	39000699	1.000000000000	0	100	1.000000000000	N
479	VOC	2103700090	037	00090	EG07	2	39000699	1.000000000000	0	100	1.000000000000	N
480	VOC	2103700090	037	00090	EG07	4	39000699	1.000000000000	0	100	1.000000000000	N
481	VOC	2103700090	037	00090	EG07	6	39000699	1.000000000000	0	100	1.000000000000	N
482	VOC	2103700090	037	00090	EG07	8	39000699	1.000000000000	0	100	1.000000000000	N
483	VOC	2103700090	037	00090	EG07	10	39000699	1.000000000000	0	100	1.000000000000	N
484	VOC	2103700090	037	00090	EG07	12	39000699	1.000000000000	0	100	1.000000000000	N
485	VOC	2103700090	037	00090	EG07	16	39000699	1.000000000000	0	100	1.000000000000	N
486	VOC	2103700090	037	00090	EG07	18	39000699	1.000000000000	0	100	1.000000000000	N
487	VOC	2103700090	037	00090	REG5-2	8	39000699	1.000000000000	0	100	1.000000000000	N
488	VOC	2103700090	037	00090	REG7-2	12	39000699	1.000000000000	0	100	1.000000000000	N
489	VOC	2103700090	037	00090	REG7-2	16	39000699	1.000000000000	0	100	1.000000000000	N
490	VOC	2103700090	037	00090	REG7-2	18	39000699	1.000000000000	0	100	1.000000000000	N
491	VOC	2103700090	037	00090	REU102	1	30501503	1.000000000000	0	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
476	N	1	1	504.00	F	25	7	52	1.38	5.500000000000	1.39	0.00
477	N	1	1	635565.00	F	25	7	52	1746.06	0.041000000000	13.03	0.04
478	N	1	1	475.48	F	25	7	52	1.31	5.500000000000	1.31	0.00
479	N	1	1	60.83	F	25	7	52	0.17	5.500000000000	0.17	0.00
480	N	1	1	151.72	F	25	7	52	0.42	5.500000000000	0.42	0.00
481	N	1	1	87.03	F	25	7	52	0.24	5.500000000000	0.24	0.00
482	N	1	1	100.63	F	25	7	52	0.28	5.500000000000	0.28	0.00
483	N	1	1	89.52	F	25	7	52	0.25	5.500000000000	0.25	0.00
484	N	1	1	142.21	F	25	7	52	0.39	5.500000000000	0.39	0.00
485	N	1	1	87.98	F	25	7	52	0.24	5.500000000000	0.24	0.00
486	N	1	1	122.91	F	25	7	52	0.34	5.500000000000	0.34	0.00
487	N	1	1	0.00	F	25	7	52	0.00	6.600000000000	0.00	0.00
488	N	1	1	0.00	F	25	7	52	0.00	6.600000000000	0.00	0.00
489	N	1	1	0.00	F	25	7	52	0.00	6.600000000000	0.00	0.00
490	N	1	1	0.00	F	25	7	52	0.00	6.600000000000	0.00	0.00
491	N	1	1	0.00	N	25	7	52	0.00	0.780000000000	0.00	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=037 COUNTYN=Campbell PLANT_ID=00090 MASAINAME=Continental Silver Grove LLC ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF

MASAINAME
PLANT_ID
COUNTYN
CNTY_CODE

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
MASAINAME											27.69	0.08
PLANT_ID											27.69	0.08
COUNTYN											65.41	0.22
CNTY_CODE											65.41	0.22

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=117 COUNTYN=Kenton PLANT_ID=00022 MASAINAME=Marathon Petroleum Co LP - Covington Terminal ----------

Obs	POLLN	ALTFACID	CNTY_CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
492	VOC	2111700022	117	00022	001	1	40400199	1.000000000000	0.00	100	1.000000000000	N
493	VOC	2111700022	117	00022	002	1	40400199	1.000000000000	0.00	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
492	N	1	1	27132.30	F	25	7	52	74.539	0.013517000000	0.18	0.00
493	N	1	1	6886.20	F	25	7	52	18.918	0.058543780000	0.20	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=117 COUNTYN=Kenton PLANT_ID=00022 MASAINAME=Marathon Petroleum Co LP - Covington Terminal ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
494	VOC	2111700022	117	00022	003	1	40400199	1.000000000000	0.00	100	1.000000000000	N
495	VOC	2111700022	117	00022	004	1	40400199	1.000000000000	0.00	100	1.000000000000	N
496	VOC	2111700022	117	00022	005	1	40400199	1.000000000000	0.00	100	1.000000000000	N
497	VOC	2111700022	117	00022	006	1	40400199	1.000000000000	0.00	100	1.000000000000	N
498	VOC	2111700022	117	00022	007	1	40400199	1.000000000000	0.00	100	1.000000000000	N
499	VOC	2111700022	117	00022	008	1	40400199	1.000000000000	0.00	100	1.000000000000	N
500	VOC	2111700022	117	00022	009	1	40400199	1.000000000000	0.00	100	1.000000000000	N
501	VOC	2111700022	117	00022	010	1	40400199	1.000000000000	0.00	100	1.000000000000	N
502	VOC	2111700022	117	00022	011	1	40400199	1.000000000000	0.00	100	1.000000000000	N
503	VOC	2111700022	117	00022	012	1	40400199	1.000000000000	0.00	100	1.000000000000	N
504	VOC	2111700022	117	00022	013	1	40600131	1.000000000000	99.88	100	0.001200000000	N
505	VOC	2111700022	117	00022	013	2	40600134	1.000000000000	99.88	100	0.001200000000	N
506	VOC	2111700022	117	00022	013	3	40400199	1.000000000000	0.00	100	1.000000000000	N
507	VOC	2111700022	117	00022	013	4	40400199	1.000000000000	99.88	100	0.001200000000	N
508	VOC	2111700022	117	00022	014R	1	40600134	1.000000000000	0.00	100	1.000000000000	N
509	VOC	2111700022	117	00022	016	1	40600131	1.000000000000	0.00	100	1.000000000000	N
510	VOC	2111700022	117	00022	016	2	40600134	1.000000000000	0.00	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
494	N	1	1	3972.40	F	25	7	52	10.913	0.055232000000	0.11	0.00
495	N	1	1	115515.80	F	25	7	52	317.351	0.010688000000	0.62	0.00
496	N	1	1	62304.70	F	25	7	52	171.167	0.061435410000	1.91	0.01
497	N	1	1	50136.90	F	25	7	52	137.739	0.022200960000	0.56	0.00
498	N	1	1	79391.80	F	25	7	52	218.109	0.022392350000	0.89	0.00
499	N	1	1	90.40	N	25	7	52	0.248	0.010782980000	0.00	0.00
500	N	1	1	0.00	F	25	7	52	0.000	2.135200030000	0.00	0.00
501	N	1	1	22698.00	N	25	7	52	62.357	0.008266670000	0.09	0.00
502	N	1	1	0.00	F	25	7	52	0.000	0.004133460000	0.00	0.00
503	N	1	1	30.10	F	25	7	52	0.083	2.182539680000	0.03	0.00
504	N	1	1	225968.00	F	25	7	52	620.791	10.431700000000	1.41	0.00
505	N	1	1	575.00	F	25	7	52	1.580	0.023450000000	0.00	0.00
506	N	1	1	269660.00	F	25	7	52	740.824	0.075108640000	10.13	0.03
507	N	1	1	43117.00	F	25	7	52	118.453	0.000541000000	0.00	0.00
508	N	1	1	101805.00	N	25	7	52	279.684	0.023452170000	1.19	0.00
509	N	1	1	0.00	N	25	7	52	0.000	3.400000000000	0.00	0.00
510	N	1	1	0.00	N	25	7	52	0.000	0.012000000000	0.00	0.00

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=117 COUNTYN=Kenton PLANT_ID=00022 MASAINAME=Marathon Petroleum Co LP - Covington Terminal ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
511	VOC	2111700022	117	00022	017	1	39999994	1.000000000000	0.00	100	1.000000000000	N
512	VOC	2111700022	117	00022	13	1	40400199	1.000000000000	0.00	100	1.000000000000	N
513	VOC	2111700022	117	00022	14	1	40400199	1.000000000000	0.00	100	1.000000000000	N
514	VOC	2111700022	117	00022	IA10	1	40400199	1.000000000000	0.00	100	1.000000000000	N
515	VOC	2111700022	117	00022	IA11	1	40400199	1.000000000000	0.00	100	1.000000000000	N
516	VOC	2111700022	117	00022	IA14	1	39999996	1.000000000000	0.00	100	1.000000000000	N
517	VOC	2111700022	117	00022	IA25	1	40400199	1.000000000000	0.00	100	1.000000000000	N
518	VOC	2111700022	117	00022	IA4	1	40400199	1.000000000000	0.00	100	1.000000000000	N
519	VOC	2111700022	117	00022	IA7	1	40400199	1.000000000000	0.00	100	1.000000000000	N
520	VOC	2111700022	117	00022	IA8	1	40400199	1.000000000000	0.00	100	1.000000000000	N
521	VOC	2111700022	117	00022	IA9	1	40400199	1.000000000000	0.00	100	1.000000000000	N

MASAINAME
PLANT_ID

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
511	N	1	1	1999.89	F	25	7	52	5.494	1.090000000000	1.09	0.00
512	N	1	1	0.40	N	25	7	52	0.001	195.556000000000	0.04	0.00
513	N	1	1	0.50	N	25	7	52	0.001	0.306837000000	0.00	0.00
514	N	1	1	7.80	N	25	7	52	0.021	0.085147000000	0.00	0.00
515	N	1	1	5.80	N	25	7	52	0.016	0.100354000000	0.00	0.00
516	N	1	1	244.00	N	25	7	52	0.670	5.000000000000	0.61	0.00
517	N	1	1	5.80	N	25	7	52	0.016	10.883780000000	0.03	0.00
518	N	1	1	0.00	N	25	7	52	0.000	198.888889000000	0.00	0.00
519	N	1	1	0.00	N	25	7	52	0.000	27.651290000000	0.00	0.00
520	N	1	1	9.00	N	25	7	52	0.025	14.914607000000	0.07	0.00
521	N	1	1	0.70	N	25	7	52	0.002	0.087719000000	0.00	0.00
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MASAINAME											19.17	0.05
PLANT_ID											19.17	0.05

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=117 COUNTYN=Kenton PLANT_ID=00177 MASAINAME=Firestone Building Products Co ----------

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF
522	VOC	2111700177	117	00177	01	1	30510498	1.000000000000	0.00	100	1.000000000000	N
523	VOC	2111700177	117	00177	02	1	30510498	1.000000000000	98.33	100	0.016700000000	N
524	VOC	2111700177	117	00177	02	2	10200603	1.000000000000	0.00	100	1.000000000000	N
525	VOC	2111700177	117	00177	FUG 02	1	30199999	1.000000000000	0.00	100	1.000000000000	N
526	VOC	2111700177	117	00177	FUG 03	1	30180003	1.000000000000	0.00	100	1.000000000000	N
527	VOC	2111700177	117	00177	FUG 03	2	30180008	1.000000000000	0.00	100	1.000000000000	N
528	VOC	2111700177	117	00177	FUG 03	3	30180007	1.000000000000	0.00	100	1.000000000000	N
529	VOC	2111700177	117	00177	FUG04	1	39999994	1.000000000000	0.00	100	1.000000000000	N
530	VOC	2111700177	117	00177	IA1A	1	10200603	1.000000000000	0.00	100	1.000000000000	N
531	VOC	2111700177	117	00177	IA1B	1	10200603	1.000000000000	0.00	100	1.000000000000	N
532	VOC	2111700177	117	00177	IA2	1	10200603	1.000000000000	0.00	100	1.000000000000	N
533	VOC	2111700177	117	00177	IA3	1	39000699	1.000000000000	0.00	100	1.000000000000	N
534	VOC	2111700177	117	00177	IA5	1	40714698	1.000000000000	0.00	100	1.000000000000	N
535	VOC	2111700177	117	00177	IA5	2	40714697	1.000000000000	0.00	100	1.000000000000	N
536	VOC	2111700177	117	00177	IA6	1	40714698	1.000000000000	0.00	100	1.000000000000	N
537	VOC	2111700177	117	00177	IA6	2	40714697	1.000000000000	0.00	100	1.000000000000	N

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
522	N	1	1	15592.95	N	25	7	52	42.84	1.700000000000	13.25	0.04
523	N	1	1	15592.95	N	25	7	52	42.84	8.800000000000	1.15	0.00
524	N	1	1	3.79	N	25	7	52	0.01	5.500000000000	0.01	0.00
525	N	1	1	15592.95	N	25	7	52	42.84	0.832000000000	6.49	0.02
526	N	1	1	19.00	N	25	7	52	0.05	30.227800000000	0.29	0.00
527	N	1	1	3.00	N	25	7	52	0.01	308.800000000000	0.46	0.00
528	N	1	1	30.00	N	25	7	52	0.08	4.411800000000	0.07	0.00
529	N	1	1	30427967.00	N	25	7	13	334373.26	0.002400000000	36.51	0.40
530	N	1	1	3.79	N	0	7	52	0.00	5.500000000000	0.01	0.00
531	N	1	1	3.79	N	0	7	52	0.00	5.500000000000	0.01	0.00
532	N	1	1	3.79	N	25	7	52	0.01	5.500000000000	0.01	0.00
533	N	1	1	3.79	N	25	7	52	0.01	5.500000000000	0.01	0.00
534	N	1	1	1730.55	N	25	7	52	4.75	0.000000040000	0.00	0.00
535	N	1	1	48.00	N	25	7	52	0.13	0.000049800000	0.00	0.00
536	N	1	1	894.83	N	25	7	52	2.46	0.001300000000	0.00	0.00
537	N	1	1	48.00	N	25	7	52	0.13	0.170200000000	0.00	0.00

KENTUCKY 2011 OZONE PRECURSOR TEMPO EMISSIONS
ACTUAL POINT SOURCE EMISSIONS
CINCINNATI-HAMILTON 8-HOUR OZONE MARGINAL NONATTAINMENT AREA
BOONE, CAMPBELL, AND KENTON COUNTIES
VOC PROCESS LEVEL EMISSIONS

---------- POLLN=VOC AREA=Cincinnati-Hamilton CNTY_CODE=117 COUNTYN=Kenton PLANT_ID=00177 MASAINAME=Firestone Building Products Co ----------

(continued)

Obs	POLLN	ALTFACID	CNTY_ CODE	PLANT_ID	PTID	SEGID	scc	INC	CTEFF	RE	CTEFFX	ASHF

MASAINAME
PLANT_ID
COUNTYN
CNTY_CODE
AREA
POLLN

Obs	SULF	UPASH	UPSUL	FUELP	CONF	ATHJ	DWK	WKYR	VPROD	EF	VOC Tons Per Year	VOC Tons Per Summer Day
MASAINAME											58.27	0.46
PLANT_ID											58.27	0.46
COUNTYN											77.45	0.51
CNTY_CODE											77.45	0.51
AREA											699.13	2.47
POLLN											699.13	2.47
											699.13	2.47

Appendix B

Notice of Public Hearing
and Legal Documentation

KENTUCKY DIVISION FOR AIR QUALITY
NOTICE OF PUBLIC HEARING
TO REVISE KENTUCKY'S STATE IMPLEMENTATION PLAN

The Kentucky Energy and Environment Cabinet will conduct a public hearing on June 1, 2015 at 10:00 a.m. (EDT) in the Conference Room of the Division for Air Quality, 200 Fair Oaks Lane, 1st Floor, Frankfort, Kentucky. This hearing is being held to receive comments on a proposed State Implementation Plan (SIP) revision to meet the requirements for Emissions Statement and Emissions Inventory in accordance with Sections 172(c)(3), 182(a)(1) and 182(a)(3)(B) of the Clean Air Act Amendments of 1990 (CAA). This revision, when approved by the U.S. EPA, will satisfy the Emissions Statement and Emission Inventory requirements for the portions of the Northern Kentucky counties of Boone, Kenton and Campbell that have been designated as Marginal Ozone Nonattainment for the 2008 8-hr National Ambient Air Quality Standard

This hearing is open to the public and all interested persons will be given the opportunity to present testimony. The hearing will be held, if requested, at the date, time and place given above. It is not necessary that the hearing be held or attended in order for persons to comment on the proposed submittal to EPA. To assure that all comments are accurately recorded, the Division requests that oral comments presented at the hearing also be provided in written form, if possible. To be considered part of the hearing record, written comments must be received by the close of the hearing. Written comments should be sent to the contact person. If no request for a public hearing is received, the hearing will be cancelled, and notice of the cancellation will be posted at the website listed below. Request for a public hearing must be received no later than May 22, 2015 while all comments must be submitted no later than June 1, 2015.

The full text of the proposed SIP revision is available for public inspection and copying during regular business hours (8:00 a.m. to 4:30 p.m.) at the Division for Air Quality, 200 Fair Oaks, 1st Floor, Frankfort, Kentucky. Any individual requiring copies may submit a request to the Division for Air Quality in writing, by telephone, or by fax. Requests for copies should be directed to the contact person. In addition, an electronic version of the proposed SIP revision document and relevant attachments can be downloaded from the Division for Air Quality's website at: **http://air.ky.gov/Pages/PublicNoticesandHearings.aspx.**

The hearing facility is accessible to people with disabilities. An interpreter or other auxiliary aid or service will be provided upon request. Please direct these requests to the contact person.

CONTACT PERSON: Melissa Duff, Program Planning and Administration Branch Manager, Division for Air Quality, 200 Fair Oaks Lane, Frankfort, Kentucky 40601. Phone (502) 564-3999; Fax (502) 564-4666; E-mail melissa.duff@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.

Appendix C

Response to Public Hearing Comments