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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

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=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

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=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
---											---	---
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
---											---	---
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

---------- 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

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 ----------

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

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 ----------

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											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
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											5.28	0.01
PLANT_ID											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

---------- 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
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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	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

---------- 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

---------- 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
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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

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	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
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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

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 ----------

(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

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	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											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	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

---------- 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

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	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

---------- 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
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MASAINAME											34.52	0.09
PLANT_ID											34.52	0.09

---------- 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 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
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

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
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
---											---	---
MASAINAME											301.48	0.83
PLANT_ID											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

---------- 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
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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

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
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

---------- 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

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=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

---------- 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

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=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
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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 ----------

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
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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

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
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
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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
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

---------- 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

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
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
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MASAINAME											17.77	0.07
PLANT_ID											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

---------- 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
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MASAINAME											28.73	0.08
PLANT_ID											28.73	0.08
COUNTYN											898.18	2.68
CNTY_CODE											898.18	2.68

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
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
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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
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

---------- 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

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=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
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MASAINAME											254.62	0.70
PLANT_ID											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

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 ----------

(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
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MASAINAME											28.57	0.08
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 10:15 Monday, July 14, 2014 1022
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

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=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
---											---	---
MASAINAME											5.30	0.01
PLANT_ID											5.30	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
NO2 PROCESS LEVEL EMISSIONS

---------- 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
---											---	---
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

---------- 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
---											---	---
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											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
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											5.28	0.01
PLANT_ID											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

---------- 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

---------- 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

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=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											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
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

---------- 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
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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
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
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MASAINAME											0.95	0.00
PLANT_ID											0.95	0.00
COUNTYN											2.43	0.01
CNTY_CODE											2.43	0.01
AREA											2761.21	7.37
POLLN											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

---------- 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
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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

---------- 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

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=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

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=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											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
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

---------- 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
---											---	---
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 ----------

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

---------- 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

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=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
---											---	---
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

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
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

---------- 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

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
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
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MASAINAME											17.77	0.07
PLANT_ID											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

---------- 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

---------- 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
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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
---											---	---
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

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 ----------

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

---------- 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