



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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August 11, 2005

Mr. Bharat Mathur
Acting Regional Administrator
U.S. Environmental Protection Agency
Region V
77 West Jackson Boulevard
Chicago, IL 60604-3950

Re: Redesignation Petition and Maintenance
Plan for Sulfur Dioxide Attainment in
Lake County, Indiana; Final Submittal

Dear Mr. Mathur:

The Indiana Department of Environmental Management (IDEM) prepared a Redesignation Petition and Maintenance Plan for Lake County, Indiana, in reference to the sulfur dioxide (SO₂) air quality standard, and submitted it to the United States Environmental Protection Agency (U.S. EPA) with a request for parallel processing on June 21, 2005. On July 6, 2005, IDEM submitted the final documentation for the request for approval of the Lake County Sulfur Dioxide Limitations into the State Implementation Plan (SIP). U.S. EPA published the proposed approval of both the SIP revision and the Redesignation Petition and Maintenance Plan on July 29, 2005 (70 FR 43820).

IDEM conducted a public hearing concerning the Redesignation Petition and Maintenance Plan on July 26, 2005. The public comment period concluded on July 29, 2005. No comments were received.

This submittal of the final documentation for the Redesignation Petition and Maintenance Plan includes the following:

- Publishers affidavits for the public hearing
- Transcript of the public hearing

B. Mathur
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On April 8, 2005, IDEM submitted a request for parallel processing of a State Implementation Plan submittal for rules concerning Lake County Sulfur Dioxide Limitations. This submittal included supporting documentation for the rule and a detailed modeling analysis. The final rule will become effective in Indiana on June 24, 2005, and will be published in the Indiana Register on July 1, 2005. At that time, the official version of the rule and signature page from promulgation of the rule will be sent to U.S. EPA.

The draft documents with this request are available for public review and IDEM is accepting comments through July 29, 2005. A public hearing concerning the draft is scheduled for 6:00 p.m., Tuesday, July 26, 2005, in the Multi-Purpose Room of the Business, Science & Administration Building at Ivy Tech State College, 1440 East 35th Avenue, Gary, Indiana. IDEM intends to submit the final draft of the Redesignation Petition and Maintenance Plan to U.S. EPA by August 9, 2005.

If you have any questions or need additional information, please contact Christine Pedersen, Air Programs Branch at (317)233-6868.

Sincerely,



Thomas W. Easterly
Commissioner

TWE/kaw/cep
Attachments

cc: Chris Panos, US EPA (w/enclosures)
Jay Bortzer (no enclosures)
John Mooney (w/enclosures)

REQUEST FOR REDESIGNATION
AND MAINTENANCE PLAN FOR
SULFUR DIOXIDE ATTAINMENT
IN LAKE COUNTY

Lake County, Indiana

Developed By:
The Indiana Department of Environmental Management

August 12, 2005

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REQUEST FOR REDESIGNATION AND MAINTENANCE PLAN FOR SULFUR DIOXIDE ATTAINMENT IN LAKE COUNTY

1.0 INTRODUCTION

This document is intended to support Indiana's request that Lake County be redesignated from nonattainment to attainment of the sulfur dioxide National Ambient Air Quality Standard (SO₂ NAAQS). The Lake County area has recorded three years of complete, quality assured ambient air quality monitoring data for 2002 – 2004 demonstrating attainment with the SO₂ standards.

Section 107(d)(3)(E) of the Clean Air Act (CAA), as amended in 1990, establishes specific requirements to be met in order for an area to be considered for redesignation, including:

- (a) A determination that the area has attained the SO₂ standards;
- (b) An approved State Implementation Plan (SIP) for the area under Section 110(k);
- (c) A determination that the improvement in air quality is due to permanent and enforceable reductions in emissions resulting from implementation of the SIP and other federal requirements.
- (d) A fully approved maintenance plan under Section 175A;
- (e) A determination that all Section 110 and Part D requirements have been met.

This document addresses each of these requirements. It also provides additional information to support continued compliance with the SO₂ standards.

1.1 Background

Based on monitored violations, a portion of Lake County in Indiana was designated as primary nonattainment with the SO₂ NAAQS on March 3, 1978. In compliance with the Clean Air Act (CAA), the Indiana Department of Environmental Management (IDEM) developed and implemented rules designed to control emissions of SO₂ in Lake County.

The national primary ambient air quality standards for sulfur oxides measured as sulfur dioxide by the reference methods described in Appendix A of 40 CFR Part 50 are:

- (1) 80 micrograms per cubic meter (ug/m³) (0.03 ppm) annual arithmetic mean.
- (2) 365 ug/m³ (0.14 ppm) maximum 24 hour concentration not to be exceeded more than once per year per site.

The secondary ambient standard for sulfur dioxide is 1300 ug/m³ (0.5 ppm) maximum 3 hour concentration not to be exceeded more than once per year per site.

On January 19, 1989, the U.S. EPA approved Indiana's SO₂ rules for Lake County as meeting all the requirements of Section 110 and Part D of the CAA, 54 FR 2112. In the early 1990's,

Indiana conducted several rulemakings that have amended the Lake County SO₂ rules in 326 IAC 7. On February 8, 1994, U.S. EPA proposed disapproval of certain changes affecting Lake County in those rulemakings that were determined to be relaxations of the SIP (59 FR 5742). On August 29, 2000, other source-specific changes submitted by Indiana were approved into the SIP.

In order to bring Lake County into attainment for the SO₂ NAAQS, Indiana conducted extensive modeling and initiated a rulemaking to amend SO₂ requirements for many sources in the nonattainment area. The completed rulemaking, which will be effective on June 24, 2005, reflects a reduction of over 30,000 tons of SO₂ per year of allowable emissions from the emission limits in the 1989 State Implementation Plan.

1.2 Geographical Boundaries

Following is a brief description of the area of the the county for which redesignation is requested.

Lake County is in northwest Indiana. It is surrounded by the Indiana counties of Porter, Jasper and Newton. The SO₂ nonattainment area of Lake County is bounded by Lake Michigan to the north. To the west it is bounded by the Indiana-Illinois State line. On the south it is bounded by U.S. 30 from the State line to the intersection of I-65 then following I-65 to the intersection of I-94 then following I-94 to the Lake-Porter County line. On the east it is bounded by the Lake-Porter County line. (See Figure 3.1.)

1.3 Status of Air Quality

Air quality in Lake County has improved significantly in the past two decades and SO₂ levels measured in the nonattainment area have been well below the air quality standard for more than ten years. This fact, accompanied by decreases in emission levels discussed in Section 4.0, justifies a redesignation to attainment for the subject area based on Section 107(d)(3)(D) of the CAA.

2.0 REQUIREMENTS FOR REDESIGNATION

2.1 General

Section 110 and Part D of the CAA list the requirements that must be met before nonattainment areas can be considered for redesignation to attainment. In addition, U.S. EPA has published detailed guidance in a document entitled, "Procedures for Processing Requests to Redesignate Areas to Attainment," issued September 4, 1992, to Regional Air Directors. This document is hereafter referred to as the "Redesignation Guidance". This Request for Redesignation and Maintenance Plan is based on the Redesignation Guidance, supplemented with additional guidance received from staff of the Criteria Pollutant Section of U.S. EPA Region V.

The subsections below refer in greater detail to the requirements listed in Section 1.0 of this document. Each subsection describes how the applicable requirement has been met.

2.2 Sulfur Dioxide Monitoring

- (1) A demonstration that the NAAQS for SO₂, as published in 40 CFR 50.4, have been attained. Monitoring data must show the annual standard is not exceeded in a calendar year and the 24-hour standard not exceeded more than once per calendar year.
- (2) Ambient monitoring data that has been quality assured in accordance with 40 CFR 58.10, recorded in the Air Quality System (AQS) database, and available for public view.
- (3) A commitment that, once redesignated, the State will continue to operate an appropriate monitoring network to verify the maintenance of the attainment status.

2.3 Emission Inventory

- (1) A comprehensive emission inventory of major sources of sulfur dioxide completed for the base year (2003).
- (2) A projection of the emission inventory to a year at least 10 years following redesignation (2015).
- (3) A demonstration that the projected level of emissions is sufficient to maintain the standard.
- (4) A demonstration that improvement in air quality between the year that violations occurred (pre-1979) and the year attainment was achieved (2004) is based on permanent and enforceable emission reductions and not on temporary adverse economic conditions or unusually favorable meteorology.
- (5) Provisions for future annual updates of the inventory to enable tracking of the emission levels including an annual emission statement from major sources.

2.4 Modeling Demonstration

Supplemental dispersion modeling is required to comprehensively evaluate source impacts and to determine the areas of expected high concentration based upon current conditions.

The plan must identify and describe the dispersion model or other air quality model used to project ambient concentrations. Modeling conducted to demonstrate attainment in the original federally approved Part D SIP may generally be grandfathered from new modeling requirements.

Original modeling may be scaled to reflect any changes in emissions. However, new modeling may be required. The State will need to consider whether and to what extent the siting of new sources or modifications will affect points of maximum concentration such that air quality may

no longer be accurately represented by existing modeling. The State must also consider changes in U.S. EPA's Air Quality Modeling Guideline and the amount of time since the demonstration of attainment was completed.

Each plan must contain a summary of the air quality concentrations expected to result.

2.5 Controls and Regulations

- (1) An U.S. EPA approved SIP control strategy that includes Reasonably Available Control Technology (RACT) requirements for existing stationary sources covered by Control Technology Guidelines (CTG) and non-CTG RACT.
- (2) Evidence that control measures required in past SIP revisions have been fully implemented.
- (3) Acceptable provisions to provide for New Source Review.
- (4) Assurances that existing controls will remain in effect after redesignation, unless the State demonstrates through modeling that the standard can be maintained without one or more controls.
- (5) If appropriate, a commitment to adopt a requirement that all transportation plans conform with, and are consistent with, the SIP.

2.6 Corrective Actions for Potential Future Violations of the Standards

- (1) A commitment to submit a revised plan eight years after redesignation.
- (2) A commitment to enact and implement expeditiously additional contingency control measures in response to exceeding specified predetermined levels (triggers) or in the event that future violations of the ambient standards occur.
- (3) A list of potential contingency measures that would be implemented in such an event.
- (4) A list of sulfur dioxide sources potentially subject to future controls.

3.0 SULFUR DIOXIDE MONITORING

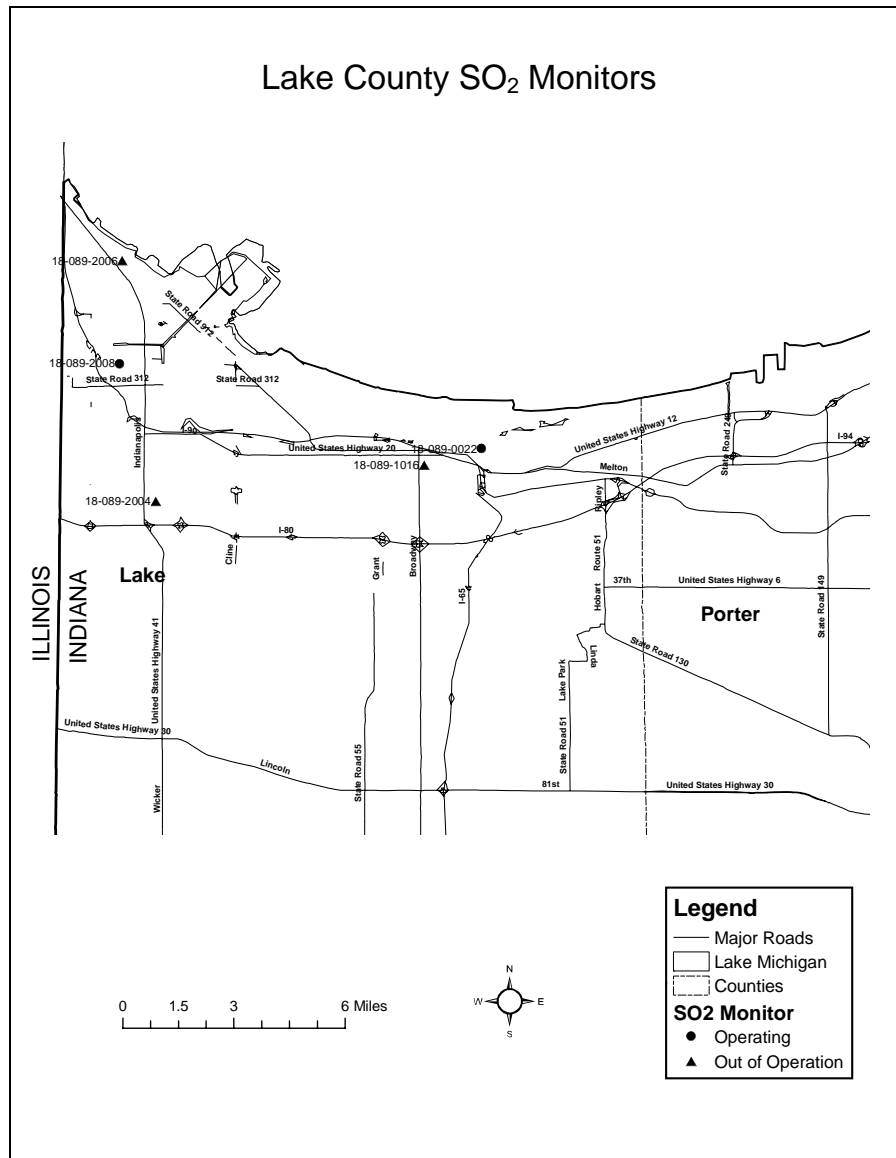
3.1 Monitoring Network

There are currently two monitors measuring sulfur dioxide concentrations in Lake County. These monitors are operated by the IDEM Office of Air Quality. A listing of the sites in use since 1996 with the highest reading at each from 1996 through 2004 is shown in Table 3.1. The monitor locations are shown in Figure 3.1.

Table 3.1
Summary of Monitoring Results Since 1996

SITE ID	CITY	ADDRESS	YEAR	1ST MAX 24-HR	1ST MAX 3-HR	ANNUAL MEAN	NO. OF EXCEED
18-089-0022	Gary	201 MISSISSIP	1997	0.047	0.133	0.0053	0
18-089-0022	Gary	201 MISSISSIP	1998	0.025	0.079	0.0054	0
18-089-0022	Gary	201 MISSISSIP	1999	0.039	0.094	0.0058	0
18-089-0022	Gary	201 MISSISSIP	2000	0.049	0.068	0.0058	0
18-089-0022	Gary	201 MISSISSIP	2001	0.033	0.083	0.0049	0
18-089-0022	Gary	201 MISSISSIP	2002	0.037	0.094	0.006	0
18-089-0022	Gary	201 MISSISSIP	2003	0.034	0.079	0.0044	0
18-089-0022	Gary	201 MISSISSIP	2004	0.051	0.084	0.0049	0
18-089-1016	Gary	Federal Bldg	1996	0.041	0.112	0.0028	0
18-089-1016	Gary	Federal Bldg	1997	0.03	0.163	0.0025	0
18-089-2008	Hammond	1300 141 ST S	1996	0.036	0.11	0.0073	0
18-089-2008	Hammond	1300 141 ST S	1997	0.032	0.085	0.0076	0
18-089-2008	Hammond	1300 141 ST S	1998	0.075	0.171	0.0087	0
18-089-2008	Hammond	1300 141 ST S	1999	0.04	0.081	0.0068	0
18-089-2008	Hammond	1300 141 ST S	2000	0.029	0.106	0.0059	0
18-089-2008	Hammond	1300 141 ST S	2001	0.031	0.082	0.0059	0
18-089-2008	Hammond	1300 141 ST S	2002	0.015	0.054	0.004	0
18-089-2008	Hammond	1300 141 ST S	2003	0.019	0.085	0.0035	0
18-089-2008	Hammond	1300 141 ST S	2004	0.022	0.037	0.004	0

Figure 3.1
Lake County Nonattainment Area and SO2 Monitors



3.2 Ambient Data

A Quick Look report from the AQS database is provided in Appendix A.

As shown in Table 3.1 and Appendix A, there have been no exceedances of the annual (0.03 ppm), 24 hour (0.14 ppm), or 3 hour (0.5 ppm) standards in Lake County since before 1980.

Therefore, the monitoring data demonstrates that the NAAQS for sulfur dioxide have been attained in Lake County.

3.3 Quality Assurance

All the data shown in Appendix A have been quality assured in accordance with 40 CFR 58.10, as well as the Indiana Quality Assurance Manual and found to be valid. The data have been recorded in the AQS database and through it, made available to the public.

3.4 Continued Monitoring

Indiana commits to continue monitoring sulfur dioxide levels at the current National Air Monitoring Sites (NAMS) and State and Local Air Monitoring Sites (SLAMS) indicated in Section 3.1. IDEM will consult with U.S. EPA Region V staff prior to making any changes to the existing monitoring network should changes be necessary in the future. IDEM will continue to quality assure the monitoring data to meet the requirements of 40 CFR 58. Connection to a central station and updates to the IDEM website (www.in.gov/idem) will provide real time availability of the data and knowledge of any exceedances. IDEM will enter all data into AQS on a timely basis in accordance with federal guidelines.

4.0 EMISSION INVENTORY

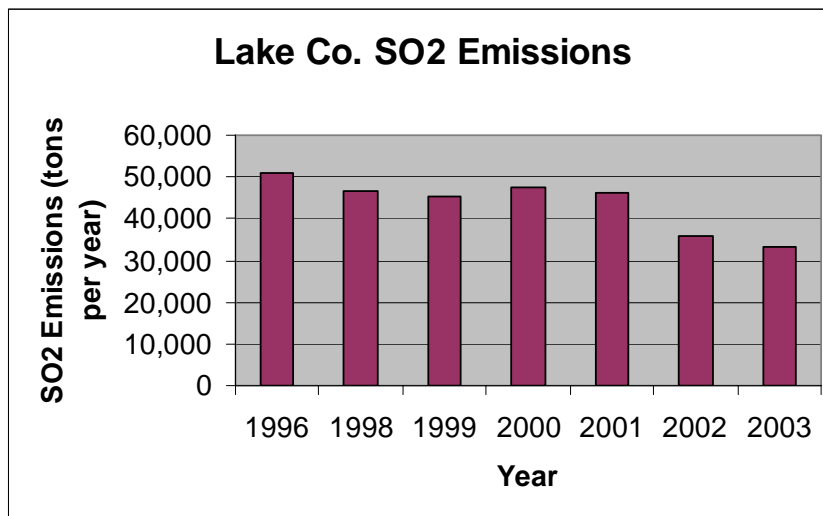
4.1 Base Year Inventory

A summary of the SO₂ emission data for Lake County is shown in Table 4.1 and Graph 4.1.

Table 4.1
Lake County SO₂ Emissions (tons per year)

1996	1998	1999	2000	2001	2002	2003
50,736	46,629	45,171	47,693	46,329	35,940	33,086

Graph 4.1



A more detailed list of Lake County SO₂ emissions is in Appendix B.

4.2 Emission Projections

Table 4.2
SO₂ Emissions for Lake County Projected to 2015 (tons per year)

2002	2015
35,957	43,568

Details of SO₂ emissions for Lake County are in Appendix C.

4.3 Demonstration of Maintenance

Ambient air quality data from all monitoring sites indicate that the SO₂ NAAQS are being met through 2004. Total emissions of SO₂ from all sources are projected to increase between 2004 and 2015 due to economic growth in the area. Although emissions in 2015 are projected to be higher than 2002 and 2003, emissions in 2001 and prior years were higher than the projections for 2015. During this time, monitoring data was never higher than 29% of the annual standard, and in only one instance, 54% at the Hammond site in 1998, did the maximum 24-hour value exceed 36% of that standard. The 3-hour maximum values have been one-third of that secondary standard or less. Therefore, attainment is expected to be maintained through the maintenance horizon year of 2015.

In addition, the modeling results demonstrating attainment assume a potential to emit of 120,800 tons per year of SO₂. Therefore, the projected growth in actual emissions to 43,568 tons SO₂ in 2015 will not cause a violation of the SO₂ NAAQS.

4.4 Permanent and Enforceable Emissions Reductions

One of the requirements for approval of the redesignation SIP is a demonstration that improvement in air quality between the year that violations occurred (pre-1979) and the year that attainment was achieved (2003) was the result of permanent and enforceable emission reductions and not because of temporary adverse economic conditions or unusually favorable meteorology.

Permanent and enforceable reductions of SO₂ emissions in Lake County contributed to the attainment of the SO₂ standards. Some of the reductions are attributable to the closure of stationary sources or emissions units. In addition, substantial reductions were made at U.S. Steel-Gary Works in accordance with a 1996 Agreed Order with IDEM, and Cargill, Ispat Inland, and Carmeuse Lime have reduced emission limits for certain units to help achieve reductions of SO₂ emissions.

4.5 Provisions for Future Updates

As required by Section 175A(b) of the CAA, Indiana commits to submit to the Administrator, eight years after redesignation, an additional revision of this SIP. The new revision will contain Indiana's plan for maintaining the national primary sulfur dioxide air quality standard for 10 years beyond the first 10-year period after redesignation (2015-2025).

5.0 MODELING

5.1 Modeling Analysis

The attainment demonstration modeling reflects the current regulatory air quality model, emissions inventory, and building dimensions. Six years of meteorological data were used for this attainment demonstration. The year 1987 and the five years of 1991 to 1995 were selected to model. The year 1987 was included because this was the worst case year modeled from the original Lake County SO₂ SIP. The results of the air quality modeling show attainment of the 3-hour, 24-hour and annual SO₂ NAAQS. IDEM believes this attainment demonstration accurately represents the current SO₂ air quality in Lake County necessary to support redesignation of the affected portion of Lake County to attainment.

The results of the air quality modeling are as follows.

Table 5.1.1

**Modeling Results for Lake County SO₂ Attainment Demonstration
3-Hour and 24-Hour Results with Desulfurized* Limits**

Year	3-Hour Modeled (ug/m³)	Concentration Background (ug/m³)	Total (ug/m³)	24-Hour Modeled (ug/m³)	Concentration Background (ug/m³)	Total (ug/m³)
NAAQS			1300			365
1987	816.9	7.9	824.8	303.8	11.0	314.8
1991	1077.3	9.6	1086.9	331.3	12.7	344.0
1992	1125.3	7.9	1133.2	338.8	10.7	349.5
1993	1140.0	7.0	1147.0	341.9	11.7	353.6
1994	1124.6	7.9	1132.5	338.0	10.2	348.2
1995	844.9	7.9	852.8	303.5	11.8	315.3

*Desulfurized limits means when the coke oven gas desulfurization emissions unit at U.S. Steel-Gary Works is operating.

Table 5.1.2

**Modeling Results for Lake County SO₂ Attainment Demonstration
3-Hour and 24-Hour Results with Undesulfurized* Limits**

Year	3-Hour Modeled (ug/m³)	Concentration Background (ug/m³)	Total (ug/m³)	24-Hour Modeled (ug/m³)	Concentration Background (ug/m³)	Total (ug/m³)
NAAQS			1300			365
1987	843.0	10.5	853.5	317.9	11.0	328.9
1991	900.7	7.9	908.6	352.1	11.1	363.2
1992	933.4	14.0	947.4	343.2	10.6	353.8
1993	961.1	7.9	969.0	351.5	12.7	364.2
1994	1005.1	7.9	1013.0	356.4	8.0	364.4
1995	1052.1	11.4	1063.5	346.7	11.8	358.5

*Undesulfurized limits means when the coke oven gas desulfurization emissions unit at U.S. Steel-Gary Works is not operating. Results listed in Table 5.1.2 are for U.S. Steel-Gary Works Undesulfurized Scenario 1.

Table 5.1.3

Modeling Results for Lake County SO₂ Attainment Demonstration
Annual Results

Year	Annual Modeled (ug/m³)	Concentration Background (ug/m³)	Total (ug/m³)
NAAQS			80
1987	64.3	11.4	75.7
1991	67.4	11.3	78.7
1992	67.1	11.1	78.2
1993	63.0	11.3	74.3
1994	65.0	11.2	76.2
1995	65.5	11.3	76.8

A detailed modeling analysis was submitted to U.S. EPA Region V with the request for parallel processing of the Lake Co. SO₂ rules on April 8, 2005. Further information on the modeling analysis is in Appendix D.

Based on the above, Indiana hereby requests that the submitted modeling be used to satisfy the modeling requirement of the CAA.

6.0 CONTROLS AND REGULATIONS

This section provides specific information on the control measures implemented in Lake County, including CAA requirements and additional state or local measures implemented beyond CAA requirements.

6.1 Lake County SO₂ Rule

Indiana has promulgated revised rules for Lake County SO₂ emissions that reflect the reduction of SO₂ in the area. The limits relating to Lake County are found in 326 IAC 7-4.1.

These rules were submitted to U.S. EPA on April 8, 2005, as a parallel processing request for approval into the Indiana State Implementation Plan. The state rules will become effective on June 24, 2005.

6.2 Implementation of Past SIP Revisions

Sulfur dioxide emissions in Lake County have been regulated by 326 IAC 7-4-1.1, which contained limits for specific sources. The Lake County section of the Indiana SO₂ rule was in effect from 1991 to 2005 and was revised several times. That rule has been replaced by the new

rule, 326 IAC 7-4.1, that will be effective on June 24, 2005, and contains revised emission limits for specific sources of SO₂ in Lake County. The completed rulemaking reflects a reduction of over 30,000 tons of SO₂ per year of allowable emissions from the emission limits in the 1989 State Implementation Plan.

In Lake County, compliance is monitored by inspectors from the Hammond Air Pollution Control Department, the Gary Division of Air Pollution Control, and IDEM's Northwest Regional Office.

6.3 New Source Review Provisions

Indiana has a longstanding and fully implemented New Source Review (NSR) program. This program is addressed in rule 326 IAC 2. The rule includes provisions for the Prevention of Significant Deterioration (PSD) in 326 IAC 2-2. Indiana's PSD program has been approved by U.S. EPA as part of its SIP. (Final program approval - May 20, 2004, 69 FR 29071)

Any facility that is not listed in the 2003 emissions inventory, or for the closing of which credit was taken in demonstrating attainment, will not be allowed to construct, reopen, modify or reconstruct without meeting applicable permit rule requirements. The review process will be identical to that used for new sources. Once the area is redesignated, IDEM will implement NSR through the PSD program which requires an air quality analysis to ensure that the new source will not threaten to exceed the NAAQS.

6.4 Controls to Remain in Effect

Indiana commits to maintain the control measures listed above after redesignation. Further, Indiana commits that any changes to its rules, or emission limits applicable to SO₂ sources, as required for maintenance of the SO₂ standards in Lake County, will be submitted to U.S. EPA for approval as a SIP revision. This will include, where appropriate, a demonstration based on modeling that the standard will be maintained.

Indiana does intend, upon redesignation, to apply 326 IAC 2-2 (Prevention of Significant Deterioration Requirements) rather than 326 IAC 2-3 (Emission Offset) for permitting any new sources or modifications. Indiana, through IDEM's Office of Compliance and Enforcement, has the legal authority and necessary resources to actively enforce any violations of its rules or permit provisions. After redesignation, Indiana intends to continue enforcing all rules that relate to the emission of sulfur dioxide in Lake County.

7.0 CORRECTIVE ACTIONS

7.1 Commitment to Revise Plan

As noted in Section 4.5 above, Indiana hereby commits to review its Maintenance Plan eight (8) years after redesignation, as required by Section 175A of the CAA.

7.2 Commitment for Contingency Measures

Indiana hereby commits to adopt and implement expeditiously necessary corrective actions in the following circumstances:

Warning Level Response:

A Warning Level Response will be prompted whenever a monitored annual value or second-high 24-hour value exceed 90 percent of their standards within the maintenance area. A Warning Level Response will consist of a study to determine whether there is a trend toward higher SO₂ values or whether emissions appear to be increasing. The study will evaluate whether the trend, if any, is likely to continue and, if so, the control measures necessary to reverse the trend taking into consideration ease and timing for implementation, as well as economic and social considerations. Completion of the study in response to a Warning Level Response trigger will take place as expeditiously as possible, but in no event later than twelve (12) months from the time that IDEM is aware that the violation occurred.

Should it be determined through the Warning Level study that action is necessary to reverse the noted trend, the procedures for control selection and implementation outlined under “Action Level Response” shall be followed.

Action Level Response

An Action Level Response will be prompted whenever a violation of the sulfur dioxide standard occurs within the maintenance area. In the event that the Action Level is triggered and is not due to an exceptional event, malfunction, or noncompliance with a permit condition or rule requirement, IDEM will determine additional control measures needed to assure future attainment of NAAQS for SO₂. In this case, measures that can be implemented in a short time will be selected in order to be in place within eighteen (18) months from the time that IDEM is aware that the violation occurred.

Control Measure Selection and Implementation

Adoption of any additional control measures is subject to the necessary administrative and legal process. This process will include publication of notices, an opportunity for public hearing, and other measures required by Indiana law for rulemaking by state environmental boards.

If a new measure/control is already promulgated and scheduled to be implemented at the federal or state level, and that measure/control is determined to be sufficient to address the upward trend in air quality, additional local measures may be unnecessary. Furthermore, Indiana will submit to U.S. EPA an analysis to demonstrate the proposed measures are adequate to return the area to attainment.

7.3 Contingency Measures

Contingency measures to be considered will be selected which are deemed appropriate and effective at the time the selection is made. Because sulfur dioxide emissions are attributed primarily to point sources, the options available are limited to appropriate measures for the types of culpable sources. The steps IDEM will take to determine culpability will include:

- determination of whether the exceedance should be classified as an exceptional event pursuant to "Guideline on the Identification and Use of Air Quality Data Affected by Exceptional Events."
- Evaluation of meteorological data and conduct modeling studies to determine which point source(s), if any, is the cause of the problem.
- review of operating records of source identified in the above steps to identify equipment malfunctions or permit or rule violations.

Although the point sources listed in the inventory will be the primary focus, the study will not be limited to these sources but will encompass any other potential sources of SO₂.

The selection of measures will be based upon cost-effectiveness, emission reduction potential, economic and social considerations or other factors that IDEM deems appropriate. IDEM will solicit input from all interested and affected persons in the maintenance area prior to selecting appropriate contingency measures.

A selected contingency measure can be initiated immediately in response to an action level response and should be in place within eighteen (18) months. No contingency measure shall be implemented without providing the opportunity for full public participation during which the relative costs and benefits of individual measures, at the time they are under consideration, can be fully evaluated.

7.4 List of Sources

The sulfur dioxide sources potentially subject to future controls is the current list of major sources which is found in Appendix B. As noted in Sections 7.2 and 7.3 above, sources subject to additional controls will be those which the study shows are responsible for triggering the contingency measures and the control of which will most effectively help to ensure compliance with the standards. In addition to reviewing the known sources, the possibility that the problem is attributable to new or previously unknown sources will be considered.

8.0 PUBLIC PARTICIPATION

In accordance with Section 100(a)(2) of the CAA, public participation in the SIP is provided for as follows:

Notice of availability of the SO₂ redesignation documents and the time and date of the public hearing has been published in the Indianapolis Star, the Gary Post-Tribune, and the Munster Times.

The Public hearing will be held as follows:

Tuesday, July 26, 2005 at 6:00 p.m. in the Multi-Purpose Room of the Business, Science & Administration Building at Ivy Tech State College, 1440 East 35th Avenue, Gary, Indiana 46409.

Indiana published notification for a public hearing and solicitation for public comment concerning the draft Redesignation Petition and Maintenance Plan in several publications, including the primary Evansville newspaper on or before March 18, 2005. A public hearing was conducted on April 19, 2005 and a number of comments were received. The public comment period closed on April 22, 2005. Appendix E includes a copy of the public notice, certifications of publication, the transcript from the public hearing, copies of all written comments received, and a summary of all comments received that includes IDEM's responses, as applicable.

Copies of the proof of publication and the transcript of the hearing can be found in Appendix E.

9.0 CONCLUSION

Lake County, Indiana has attained the federal ambient sulfur dioxide standards and complied with the applicable provisions of the 1990 Amendments to the Clean Air Act regarding redesignations of primary sulfur dioxide nonattainment areas. Documentation to that effect is contained herein. A State Implementation and Maintenance Plan has been prepared that meets the requirement of Section 110(a)(1) of the 1990 Clean Air Act. Appendix C addresses all requirements of the Plan including some that may not be covered above.

The State of Indiana hereby requests that Lake County be redesignated to sulfur dioxide attainment simultaneously with the U.S. EPA approval of the Indiana State Implementation Plan provisions contained herein.

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
QUICK LOOK REPORT (AMP450)

EXCEPTIONAL DATA TYPES

EDT	DESCRIPTION
0	NO EVENTS
1	EVENTS EXCLUDED
2	EVENTS INCLUDED
3	EXCEPTIONAL EVENTS EXCLUDED
4	NATURAL EVENTS EXCLUDED
5	EVENTS WITH CONCURRENCE EXCLUDED
6	EXCEPTIONAL EVENTS WITH CONCURRENCE EXCLUDED
7	NATURAL EVENTS WITH CONCURRENCE EXCLUDED

Sulfur dioxide (42401)						Indiana				PPM (007)									
SITE ID	P	REP	CITY	COUNTY	ADDRESS	YEAR	METH	# OBS	1ST	2ND	#OBS	1ST	2ND	#OBS	1ST	2ND	ARITH	CERT	EDT
	O	C							ORG	MAX		MAX	MAX		MAX	MAX			
18-089-0022	1	520	Gary	Lake	201 MISSISSIP	1997	60	4628	0.047	0.028	0	0.133	0.114	0	0.261	0.199	0.0053	Y	0
18-089-0022	1	520	Gary	Lake	201 MISSISSIP	1998	60	7676	0.025	0.023	0	0.079	0.076	0	0.112	0.106	0.0054	Y	0
18-089-0022	1	520	Gary	Lake	201 MISSISSIP	1999	60	8331	0.039	0.032	0	0.094	0.07	0	0.127	0.126	0.0058	Y	0
18-089-0022	1	520	Gary	Lake	201 MISSISSIP	2000	60	8100	0.049	0.046	0	0.068	0.067	0	0.109	0.087	0.0058	Y	0
18-089-0022	1	520	Gary	Lake	201 MISSISSIP	2001	60	8296	0.033	0.029	0	0.083	0.071	0	0.135	0.104	0.0049		0
18-089-0022	1	520	Gary	Lake	201 MISSISSIP	2002	60	7763	0.037	0.032	0	0.094	0.067	0	0.131	0.105	0.006	Y	0
18-089-0022	1	520	Gary	Lake	201 MISSISSIP	2003	60	8263	0.034	0.029	0	0.079	0.077	0	0.106	0.091	0.0044	Y	0
18-089-0022	1	520	Gary	Lake	201 MISSISSIP	2004	60	8375	0.051	0.033	0	0.084	0.082	0	0.176	0.164	0.0049		0
18-089-1016	1	520	Gary	Lake	FEDERAL BLDG	1984	0	7726	0.038	0.035	0	0.079	0.065	0	0.095	0.089	0.0086		0
18-089-1016	1	520	Gary	Lake	FEDERAL BLDG	1985	0	7166	0.034	0.032	0	0.079	0.076	0	0.17	0.158	0.0093		0
18-089-1016	1	520	Gary	Lake	FEDERAL BLDG	1986	0	6214	0.04	0.036	0	0.154	0.104	0	0.193	0.157	0.0082	*	0
18-089-1016	1	520	Gary	Lake	FEDERAL BLDG	1987	0	7481	0.026	0.026	0	0.059	0.058	0	0.166	0.082	0.0068		0
18-089-1016	1	520	Gary	Lake	FEDERAL BLDG	1988	0	7624	0.018	0.017	0	0.059	0.052	0	0.141	0.079	0.0047		0
18-089-1016	1	520	Gary	Lake	FEDERAL BLDG	1989	20	6762	0.024	0.023	0	0.067	0.066	0	0.116	0.094	0.0054		0
18-089-1016	1	520	Gary	Lake	FEDERAL BLDG	1990	9	8153	0.033	0.032	0	0.089	0.061	0	0.134	0.097	0.006		0
18-089-1016	1	520	Gary	Lake	FEDERAL BLDG	1991	9	8227	0.028	0.024	0	0.069	0.055	0	0.102	0.091	0.005		0
18-089-1016	1	520	Gary	Lake	FEDERAL BLDG	1992	9	8298	0.018	0.018	0	0.055	0.054	0	0.095	0.083	0.004		0
18-089-1016	1	520	Gary	Lake	FEDERAL BLDG	1993	0	8311	0.031	0.024	0	0.087	0.068	0	0.111	0.101	0.0041	Y	0

SITE ID	P O C	REP ORG	CITY	COUNTY	ADDRESS	YEAR	METH	# OBS	1ST	2ND	#OBS >0.14	1ST	2ND	#OBS >0.5	1ST	2ND	ARITH MEAN	CERT	EDT
									MAX 24-HR	MAX 24-HR		MAX 3-HR	MAX 3-HR		MAX 1-HR	MAX 1-HR			
18-089-1016	1	520	Gary	Lake	FEDERAL BLDG	1994	60	8307	0.027	0.025	0	0.102	0.082	0	0.141	0.119	0.0035	Y	0
18-089-1016	1	520	Gary	Lake	FEDERAL BLDG	1995	60	8334	0.028	0.017	0	0.076	0.07	0	0.091	0.089	0.0035	Y	0
18-089-1016	1	520	Gary	Lake	FEDERAL BLDG	1996	60	8236	0.041	0.017	0	0.112	0.078	0	0.159	0.132	0.0028	Y	0
18-089-1016	1	520	Gary	Lake	FEDERAL BLDG	1997	60	3671	0.03	0.02	0	0.163	0.068	0	0.215	0.188	0.0025	Y	0
18-089-2004	3	594	Hammond	Lake	PURDUE UNIV C	1984	23	7539	0.048	0.043	0	0.126	0.093	0	0.164	0.161	0.0085		0
18-089-2004	3	594	Hammond	Lake	PURDUE UNIV C	1985	23	6678	0.032	0.031	0	0.103	0.076	0	0.116	0.115	0.0082		0
18-089-2004	3	594	Hammond	Lake	PURDUE UNIV C	1986	23	6717	0.035	0.028	0	0.078	0.074	0	0.106	0.092	0.0086		0
18-089-2004	3	594	Hammond	Lake	PURDUE UNIV C	1987	23	4376	0.034	0.033	0	0.083	0.068	0	0.12	0.107	0.0117		0
18-089-2006	1	594	Whiting	Lake	P.O. 1501 119	1984	20	7053	0.105	0.067	0	0.299	0.295	0	0.452	0.439	0.0116		0
18-089-2006	1	594	Whiting	Lake	P.O. 1501 119	1985	20	7765	0.093	0.06	0	0.241	0.213	0	0.405	0.398	0.0099		0
18-089-2006	1	594	Whiting	Lake	P.O. 1501 119	1986	20	6777	0.083	0.073	0	0.203	0.201	0	0.316	0.307	0.0104		0
18-089-2006	1	520	Whiting	Lake	P.O. 1501 119	1987	20	8118	0.056	0.051	0	0.17	0.154	0	0.355	0.285	0.0095		0
18-089-2006	1	520	Whiting	Lake	P.O. 1501 119	1988	20	8118	0.053	0.053	0	0.152	0.136	0	0.265	0.228	0.0088		0
18-089-2006	1	520	Whiting	Lake	P.O. 1501 119	1989	0	8105	0.044	0.038	0	0.081	0.077	0	0.122	0.099	0.0085	Y	0
18-089-2006	1	520	Whiting	Lake	P.O. 1501 119	1990	9	7739	0.043	0.031	0	0.106	0.073	0	0.129	0.108	0.007		0
18-089-2006	1	520	Whiting	Lake	P.O. 1501 119	1991	9	7798	0.071	0.042	0	0.123	0.112	0	0.137	0.136	0.0077		0
18-089-2006	1	520	Whiting	Lake	P.O. 1501 119	1992	0	7369	0.056	0.036	0	0.107	0.097	0	0.156	0.15	0.0063		0
18-089-2006	1	520	Whiting	Lake	P.O. 1501 119	1993	60	7527	0.032	0.032	0	0.072	0.063	0	0.123	0.098	0.0085	Y	0
18-089-2006	1	520	Whiting	Lake	P.O. 1501 119	1994	0	1934	0.042	0.032	0	0.075	0.054	0	0.09	0.08	0.0086	Y	0
18-089-2008	1	520	Hammond	Lake	1300 141 ST S	1984	0	7290	0.149	0.106	1	0.467	0.29	0	0.59	0.479	0.0166		0
18-089-2008	1	520	Hammond	Lake	1300 141 ST S	1985	0	6839	0.143	0.131	0	0.377	0.376	0	0.601	0.528	0.0176		0
18-089-2008	1	520	Hammond	Lake	1300 141 ST S	1986	0	7285	0.081	0.08	0	0.212	0.173	0	0.292	0.273	0.0125		0
18-089-2008	1	520	Hammond	Lake	1300 141 ST S	1987	0	7371	0.048	0.043	0	0.22	0.115	0	0.484	0.387	0.0121		0
18-089-2008	1	520	Hammond	Lake	1300 141 ST S	1988	0	8017	0.077	0.068	0	0.212	0.201	0	0.266	0.262	0.011		0
18-089-2008	1	520	Hammond	Lake	1300 141 ST S	1989	23	7924	0.039	0.034	0	0.08	0.077	0	0.113	0.111	0.0091	Y	0
18-089-2008	1	520	Hammond	Lake	1300 141 ST S	1990	39	8039	0.071	0.069	0	0.229	0.223	0	0.295	0.268	0.0092		0
18-089-2008	1	520	Hammond	Lake	1300 141 ST S	1991	39	8181	0.041	0.03	0	0.123	0.081	0	0.161	0.141	0.0091		0
18-089-2008	1	520	Hammond	Lake	1300 141 ST S	1992	39	8375	0.056	0.052	0	0.206	0.179	0	0.371	0.351	0.0099		0
18-089-2008	1	520	Hammond	Lake	1300 141 ST S	1993	39	8086	0.052	0.044	0	0.149	0.121	0	0.21	0.18	0.0078	Y	0
18-089-2008	1	520	Hammond	Lake	1300 141 ST S	1994	39	8243	0.059	0.055	0	0.156	0.133	0	0.203	0.188	0.008	Y	0
18-089-2008	1	520	Hammond	Lake	1300 141 ST S	1995	0	8244	0.077	0.039	0	0.176	0.158	0	0.405	0.239	0.0082	Y	0
18-089-2008	1	520	Hammond	Lake	1300 141 ST S	1996	39	8224	0.036	0.031	0	0.11	0.081	0	0.185	0.163	0.0073	Y	0
18-089-2008	1	520	Hammond	Lake	1300 141 ST S	1997	0	8300	0.032	0.032	0	0.085	0.082	0	0.13	0.111	0.0076	Y	0
18-089-2008	1	520	Hammond	Lake	1300 141 ST S	1998	61	8116	0.075	0.055	0	0.171	0.144	0	0.298	0.214	0.0087	Y	0

SITE ID	P O C	REP ORG	CITY	COUNTY	ADDRESS	YEAR	METH	# OBS	1ST	2ND	#OBS >0.14	1ST	2ND	#OBS >0.5	1ST	2ND	ARITH MEAN	CERT	EDT
									MAX 24-HR	MAX 24-HR		MAX 3-HR	MAX 3-HR		MAX 1-HR	MAX 1-HR			
18-089-2008	1	520	Hammond	Lake	1300 141 ST S	1999	61	8334	0.04	0.028	0	0.081	0.08	0	0.142	0.115	0.0068	Y	0
18-089-2008	1	520	Hammond	Lake	1300 141 ST S	2000	61	8157	0.029	0.025	0	0.106	0.087	0	0.146	0.125	0.0059	Y	0
18-089-2008	1	520	Hammond	Lake	1300 141 ST S	2001	61	8383	0.031	0.03	0	0.082	0.076	0	0.146	0.141	0.0059		0
18-089-2008	1	520	Hammond	Lake	1300 141 ST S	2002	61	8414	0.015	0.013	0	0.054	0.034	0	0.071	0.063	0.004	Y	0
18-089-2008	1	520	Hammond	Lake	1300 141 ST S	2003	61	7545	0.019	0.019	0	0.085	0.064	0	0.123	0.104	0.0035	Y	0
18-089-2008	1	520	Hammond	Lake	1300 141 ST S	2004	61	8463	0.022	0.014	0	0.037	0.035	0	0.067	0.056	0.004		0

Note: The * indicates that the mean does not satisfy summary criteria.

METHODS USED IN THIS REPORT

METHOD			
PARAMETER	CODE	COLLECTION METHOD	ANALYSIS METHOD
ALL	000	MULTIPLE METHODS	MULTIPLE METHODS
42401	009	INSTRUMENTAL	PULSED FLUORESCENT
42401	020	INSTRUMENTAL	PULSED FLUORESCENT
42401	023	INSTRUMENTAL	ULTRA VIOLET STIMULATED FLUORESCNC
42401	039	INSTRUMENTAL	ULTRA VIOLET STIMULATED FLUORESCNC
42401	060	INSTRUMENTAL	PULSED FLUORESCENT
42401	061	INSTRUMENTAL	ULTRA VIOLET FLUORESCENCE

REPORTING ORGANIZATIONS USED IN THIS REPORT

CODE	AGENCY DESCRIPTION
0520	Indiana Depart Of Environ Management/Office Of Air Management
0594	Lake County Consolidated Air Quality Monitoring Work Group

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Lake County SO₂ Emissions, Plant-wide Totals > 10 tons per year

Plant ID	Plant Name	NAICS	1996	1998	1999	2000	2001	2002
3	BP Products North America Inc, Whiting	32411	9834	8142	7560	7867	8958	6643
112	Carmeuse Lime	32741	0	995	995	995	995	462
117	NIPSCO-Dean H Mitchell Station - Gary	221112	7278	9367	8831	6364	6797	581
119	Lehigh Portland Cement Co	32732	0	239	0	0	0	0
121	U. S. Steel-Gary Works	331111	11912	11156	5497	5677	4182	6487
179	Bucko Construction - 15th Street Plant	99999	0	42	42	39	22	28
201	Jupiter Aluminum Corporation	331315	0	39	42	43	51	67
203	Cargill, Inc.	311221	0	378	282	181	345	257
210	State Line Energy LLC	221112	5827	1101	7085	8994	7860	8443
229	Unilever HPC, USA	325611	0	6	0	35	0	0
242	Rhodia, Inc.	325998	0	1406	1424	1620	1634	2306
301	Safety-Kleen Oil Recovery Co.,Inc.	324191	0	84	93	114	116	128
316	Ispat Inland Steel Inc.	331111	14591	7541	4776	3854	3734	3201
318	ISG Indiana Harbor Inc.	331111	1294	1206	2404	5126	5359	826
382	Indiana Harbor Coke Company	333994	0	2464	1939	940	413	463
383	Cokenergy Incorporated	99	0	2463	4201	5844	5863	5951
458	Lafarge North America (at Ispat Inland)	331111	0	0	0	0	0	97
	Totals		50736	46629	45171	47693	46329	35940

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Projected SO₂ Emissions for 2015

State Facility Identifier	Facility Name	Emission Unit ID	Emission Unit Description	Process ID	SCC	Emission Process Description	2002 Tons/Year	2015 Tons/Year
00003	BP PRODUCTS NORTH AMERICA INC, WHITING R	001	#3 POWER STATION BOILERS	1	10200401	#3 POWER STN BOILERS	2678.14	4716.20
00003	BP PRODUCTS NORTH AMERICA INC, WHITING R	001	#3 POWER STATION BOILERS	2	10200701	#3 POWER STN BOILERS	70.88	81.23
00003	BP PRODUCTS NORTH AMERICA INC, WHITING R	002	#1 POWER STATION	2	10200701	#1 POWER STN BOILERS	7.68	8.80
00003	BP PRODUCTS NORTH AMERICA INC, WHITING R	003	FCU 500-FLUID CAT CRACKER	1	30600201	FCU 500 CAT	1788.44	2262.38
00003	BP PRODUCTS NORTH AMERICA INC, WHITING R	006	11 PIPESTILL	2	30600104	#11 PIPE PROCESS HEATER	14.26	17.17
00003	BP PRODUCTS NORTH AMERICA INC, WHITING R	006	11 PIPESTILL	3	30600104	#11 PIPE PROCESS HEATER	7.20	8.67
00003	BP PRODUCTS NORTH AMERICA INC, WHITING R	007	12 PIPESTILL	2	30600104	#12 PIPE PROCESS HEATER	19.85	23.90
00003	BP PRODUCTS NORTH AMERICA INC, WHITING R	007	12 PIPESTILL	3	30600104	#12 PIPE PROCESS HEATER	9.91	11.93
00003	BP PRODUCTS NORTH AMERICA INC, WHITING R	008	NO. 1 CRU	1	30600104	#1 CRU PROCESS HEATER	1.75	2.11
00003	BP PRODUCTS NORTH AMERICA INC, WHITING R	009	NO. 2 ISOM UNIT	1	30600104	#2 ISOM PROCESS HEAT	7.07	8.51
00003	BP PRODUCTS NORTH AMERICA INC, WHITING R	010	NO. 3 ULTRAFORMER	1	30600104	#3 ULTRAFORMER HEATERS	12.28	14.79
00003	BP PRODUCTS NORTH AMERICA INC, WHITING R	016	NO.2 SRU AND TGU	1	30103202	ELEMENT SULPHUR RECOVERY	64.14	68.57
00003	BP PRODUCTS NORTH AMERICA INC, WHITING R	017	FCU 600 FLUID CAT CRACKER	1	30600201	FCU 600 CAT	1893.82	2395.68
00003	BP PRODUCTS NORTH AMERICA INC, WHITING R	018	REFINERY SAFETY FLARES	1	30190099	REFINERY FLARES-WASTE GAS	11.12	12.82
00003	BP PRODUCTS NORTH AMERICA INC, WHITING R	023	ARU 200A	1	30600104	ARU 200A PRCES HEATERS	4.74	5.71
00003	BP PRODUCTS NORTH AMERICA INC, WHITING R	024	ARU 200B	1	30600104	ARU 200B PRCES HEATERS	5.07	6.10

State Facility Identifier	Facility Name	Emission Unit ID	Emission Unit Description	Process ID	SCC	Emission Process Description	2002 Tons/Year	2015 Tons/Year
00003	BP PRODUCTS NORTH AMERICA INC, WHITING R	025	4UF & BOU	1	30600104	#4 ULTRAFORMER HEATERS	36.73	44.22
00003	BP PRODUCTS NORTH AMERICA INC, WHITING R	032	SLUDGE INCINERATOR	1	50300506	SLUDGE INCINERATION	1.13	2.01
00003	BP PRODUCTS NORTH AMERICA INC, WHITING R	034	CFU FURNACE	1	30600104	CFU FURNACE	2.32	2.79
00003	BP PRODUCTS NORTH AMERICA INC, WHITING R	046	DDU FURNACES	1	30600104	DDU - HEATER	1.06	1.28
00003	BP PRODUCTS NORTH AMERICA INC, WHITING R	051	BIOVENT OXIDIZERS	1	30590013	CATALYTIC THERMAL OXYDIZR	0.04	0.04
00003	BP PRODUCTS NORTH AMERICA INC, WHITING R	051	BIOVENT OXIDIZERS	2	39000689	ELECTRIC THERMAL OXIDIZER	0.11	0.14
00003	BP PRODUCTS NORTH AMERICA INC, WHITING R	052	TANK HEATERS	1	30600104	REFINERY FUEL GAS FIRED	0.82	0.99
00003	BP PRODUCTS NORTH AMERICA INC, WHITING R	052	TANK HEATERS	2	30600103	DISTILLATE FIRED	2.22	2.97
00003	BP PRODUCTS NORTH AMERICA INC, WHITING R	060	RESIDUAL OIL FIRED BOILER	1	39000489	#2 FO FIRED TANK HEATERS	2.22	3.91
00013	RIETER AUTOMOTIVE NORTH AMERICA	001	ALL FUEL COMB. UNITS	1	10200603	FCU1-FCU16,AMU,EG-1	0.07	0.09
00013	RIETER AUTOMOTIVE NORTH AMERICA	019	FIRE PUMP#2 ON LINE	1	20200102	FIRE PUMP 2 DIESEL DRIVEN	0.02	0.02
00020	AMERICAN CHEMICAL SERVICE, INC.	004	COMBUSTION SOURCES	1	30199999	COMBUSTION SOURCES	0.25	0.38
00062	AVERY DENNISON-DECORATIVE FILM DIVISION	004	NAT GAS FIRED THER OXID	1	49090013	VOC THERMAL OXIDIZER C-7	0.03	0.03
00062	AVERY DENNISON-DECORATIVE FILM DIVISION	005	NAT GAS FIRED THER OXID	1	39000689	VOC THERMAL OXIDIZER C-8	0.01	0.02
00062	AVERY DENNISON-DECORATIVE FILM DIVISION	012	NAT GAS OXIDIZER C-9	1	49090013	VOC THERMAL OXIDIZER C-9	0.03	0.04
00069	ANR PIPELINE NAT GAS_CO-ST. JOHN STATION	001	1550 HP REC COMP ENGINE	1	20200202	1550 HP REC COMP ENGINE	0.02	0.03
00069	ANR PIPELINE NAT GAS_CO-ST. JOHN STATION	002	1550 HP REC COMP ENGINE	1	20200202	1550 HP REC COMP ENGINE	0.02	0.02
00069	ANR PIPELINE NAT GAS_CO-ST. JOHN STATION	003	1550 HP REC COMP ENGINE	1	20200202	1550 HP REC COMP ENGINE	0.02	0.03

State Facility Identifier	Facility Name	Emission Unit ID	Emission Unit Description	Process ID	SCC	Emission Process Description	2002 Tons/Year	2015 Tons/Year
00069	ANR PIPELINE NAT GAS_CO-ST. JOHN STATION	004	1550 HP REC COMP ENGINE	1	20200202	1550 HP REC COMP ENGINE	0.02	0.03
00069	ANR PIPELINE NAT GAS_CO-ST. JOHN STATION	006	12000 HP REC COMP ENGINE	1	20300201	12000 HP REC COMP ENGINE	0.09	0.09
00069	ANR PIPELINE NAT GAS_CO-ST. JOHN STATION	007	12000 HP REC COMP ENGINE	1	20300201	12000 HP REC COMP ENGINE	0.11	0.11
00076	BP CHEMICAL COMPANY	004	HOT OIL FURNACE	1	10200602	HOT OIL FURNACE	0.01	0.01
00093	CARB-RITE COMPANY	005	DRYER BLDG ROT DRYER (NG)	1	10200602	ROTARY DRYER (NG)	0.04	0.05
00094	MASON CORPORATION	001	COMBUSTION	1	10200603	BOILER #1	0.01	0.01
00094	MASON CORPORATION	001	COMBUSTION	4	10200603	OIL HEATER #4	0.01	0.00
00094	MASON CORPORATION	001	COMBUSTION	6	10200603	ROTARY DRYER #2	0.01	0.00
00094	MASON CORPORATION	001	COMBUSTION	7	10200603	ROTARY DRYER #3	0.01	0.00
00096	MIDWEST PIPE COATING	002	PROCESS HEATERS	1	30990003	OVENS & PRE-HEATERS	0.01	0.02
00106	SCA TISSUE NORTH AMERICA, LLC	001	NAT GAS BOILER 1	1	10200602	NAT.GAS-BOILER #1	0.08	0.10
00107	REED MINERALS DIV.	001	DRYER/SCRUBBER	1	10200602	DRYER	0.01	0.01
00112	CARMEUSE LIME INCORPORATED	001	KILN #1	2	30501618	SOLID FUEL COMBUSTION	94.71	123.88
00112	CARMEUSE LIME INCORPORATED	002	KILN #2	2	30501618	SOLID FUEL COMBUSTION	92.65	121.19
00112	CARMEUSE LIME INCORPORATED	003	KILN #3	2	30501618	SOLID FUEL COMBUSTION	82.12	107.42
00112	CARMEUSE LIME INCORPORATED	004	KILN #4	2	30501618	SOLID FUEL COMBUSTION	111.61	145.98
00112	CARMEUSE LIME INCORPORATED	005	KILN #5	2	30501618	SOLID FUEL COMBUSTION	81.39	106.46
00114	METHODIST HOSPITALS INC	001	2 BOILERS	1	10300602	NATURAL GAS FIRED	0.02	0.02
00117	NIPSCO - DEAN H. MITCHELL STATION	001	UNIT 4	1	10100226	UNIT 4 COAL FIRING	41.40	49.68
00117	NIPSCO - DEAN H. MITCHELL STATION	003	UNIT 6	1	10100226	UNIT 6 COAL FIRING	174.48	209.38
00117	NIPSCO - DEAN H. MITCHELL STATION	004	UNIT 11	1	10100222	UNIT 11 COAL FIRING	365.21	438.26
00121	U S STEEL CO GARY WORKS	001	NO. 2 PRECARBON	1	30300313	#2 PRECARBON A,B,C LINES	5.33	6.37
00121	U S STEEL CO GARY WORKS	002	NO. 3 PRECARBON	1	30300313	#3 PRECARBON A,B,C LINES	4.94	5.90
00121	U S STEEL CO GARY WORKS	003	COKE BATTERY NO. 2	1	30300306	UNDERFIRE #2 CB	149.34	178.32
00121	U S STEEL CO GARY WORKS	003	COKE BATTERY NO. 2	4	30300303	PUSHING #2 CB	19.20	22.93
00121	U S STEEL CO GARY WORKS	004	COKE BATTERY NO. 3	1	30300306	UNDERFIRE #3 CB	138.44	165.29
00121	U S STEEL CO GARY WORKS	004	COKE BATTERY NO. 3	4	30300303	PUSHING #3 CB	17.80	21.25
00121	U S STEEL CO GARY WORKS	005	COKE BATTERY NO. 5	1	30300306	UNDERFIRE #5 CB	56.45	67.41
00121	U S STEEL CO GARY WORKS	005	COKE BATTERY NO. 5	4	30300303	PUSHING #5 CB	6.82	8.14
00121	U S STEEL CO GARY WORKS	006	COKE BATTERY NO. 7	1	30300306	UNDERFIRE #7 CB	59.13	70.61
00121	U S STEEL CO GARY WORKS	006	COKE BATTERY NO. 7	4	30300303	PUSHING #7 CB	7.14	8.53
00121	U S STEEL CO GARY WORKS	014	COG BYPRODUCT RCVRY PLT	5	10200602	TAR DISTILL FCE NO.400 NG	0.06	0.08
00121	U S STEEL CO GARY WORKS	014	COG BYPRODUCT RCVRY PLT	6	10200601	DCOG TAIL GAS INC BURNER	3.56	4.46
00121	U S STEEL CO GARY WORKS	014	COG BYPRODUCT RCVRY PLT	7	30300315	DCOG TAIL GAS INCINERATOR	0.12	0.14

State Facility Identifier	Facility Name	Emission Unit ID	Emission Unit Description	Process ID	SCC	Emission Process Description	2002 Tons/Year	2015 Tons/Year
00121	U S STEEL CO GARY WORKS	026	RAILCAR BTM THAWING COG	1	10200707	RAILCAR BTM THAWING DCOG	1.74	1.32
00121	U S STEEL CO GARY WORKS	026	RAILCAR BTM THAWING COG	2	10200707	RAILCAR BTM THAWING UCOG	0.02	0.01
00121	U S STEEL CO GARY WORKS	027	BATTERY VENTING INCIDENTS	1	10200799	BATTERY VENTING INCIDENTS	1.17	1.36
00121	U S STEEL CO GARY WORKS	028	COKE OVEN GAS FLARE STACK	1	10200707	COG FLARE STACK	84.62	63.80
00121	U S STEEL CO GARY WORKS	101	NO. 3 SINTER PLANT	2	30300813	NO.3 SINTER WINDBOX	2719.78	3247.41
00121	U S STEEL CO GARY WORKS	101	NO. 3 SINTER PLANT	3	30300817	NO.3 SINTER COOLER	115.94	138.43
00121	U S STEEL CO GARY WORKS	104	NO. 4 BLAST FURNACE	1	10100601	NO.4 BF STOVE FUEL NG	0.04	0.05
00121	U S STEEL CO GARY WORKS	104	NO. 4 BLAST FURNACE	2	10200704	NO.4 BF STOVE FUEL BFG	52.27	39.41
00121	U S STEEL CO GARY WORKS	104	NO. 4 BLAST FURNACE	3	30300825	NO.4 BF CASTHOUSE	9.73	11.61
00121	U S STEEL CO GARY WORKS	104	NO. 4 BLAST FURNACE	6	30300809	SLAG PIT	13.33	15.92
00121	U S STEEL CO GARY WORKS	105	NO. 6 BLAST FURNACE	1	10100601	NO.6 BF STOVE FUEL NG	0.04	0.05
00121	U S STEEL CO GARY WORKS	105	NO. 6 BLAST FURNACE	2	10200704	NO.6 BF STOVE FUEL BFG	61.05	46.03
00121	U S STEEL CO GARY WORKS	105	NO. 6 BLAST FURNACE	3	30300825	NO.6 BF CASTHOUSE	8.80	10.51
00121	U S STEEL CO GARY WORKS	105	NO. 6 BLAST FURNACE	6	30300809	SLAG PIT	12.06	14.40
00121	U S STEEL CO GARY WORKS	107	NO. 8 BLAST FURNACE	1	10100601	NO.8 BF STOVE FUEL NG	0.01	0.02
00121	U S STEEL CO GARY WORKS	107	NO. 8 BLAST FURNACE	2	10200704	NO.8 BF STOVE FUEL BFG	62.29	46.97
00121	U S STEEL CO GARY WORKS	107	NO. 8 BLAST FURNACE	3	30300825	NO.8 BF CASTHOUSE	8.77	10.47
00121	U S STEEL CO GARY WORKS	107	NO. 8 BLAST FURNACE	6	30300809	SLAG PIT	12.03	14.36
00121	U S STEEL CO GARY WORKS	108	NO. 13 BLAST FURNACE	1	10100601	NO.13 BF STOVE FUEL NG	0.14	0.17
00121	U S STEEL CO GARY WORKS	108	NO. 13 BLAST FURNACE	2	10200704	NO.13 BF STOVE FUEL BFG	118.04	89.00
00121	U S STEEL CO GARY WORKS	108	NO. 13 BLAST FURNACE	3	30300825	NO.13 BF CASTHOUSE	735.18	877.80
00121	U S STEEL CO GARY WORKS	108	NO. 13 BLAST FURNACE	7	30300809	SLAG PIT	28.34	33.83
00121	U S STEEL CO GARY WORKS	201	NO. 1 BOP SHOP/CASTER	2	30300915	#1 BOP LADLE TRANSFER/HMD	80.48	96.09
00121	U S STEEL CO GARY WORKS	202	NO. 2 Q-BOP SHOP/CASTER	2	30300999	MIXER AND DESULFURIZATION	93.96	112.18
00121	U S STEEL CO GARY WORKS	203	#1 BOP LADLE DRYERS	1	10200602	#1BOP LADLE DRYERS NG	0.05	0.06
00121	U S STEEL CO GARY WORKS	204	#1 BOP LADLE PREHEATERS	1	10200602	#1BOP LADLE PREHEATERS NG	0.10	0.12
00121	U S STEEL CO GARY WORKS	205	#2 Q-BOP LADLE DRYERS	1	10200602	#2Q-BOP LADLE DRYERS NG	0.13	0.16
00121	U S STEEL CO GARY WORKS	206	#2 Q-BOP LADLE PREHEATERS	1	10200602	#2Q-BOP LADLE PREHEAT NG	0.26	0.33
00121	U S STEEL CO GARY WORKS	209	TUNDISH PREHEATERS	1	10200602	TUNDISH PREHEATERS (MTCE)	0.13	0.16
00121	U S STEEL CO GARY WORKS	301	84" HOT STRIP MILL	2	10100601	84" HSM REHEAT & BLRS NG	2.30	2.75
00121	U S STEEL CO GARY WORKS	301	84" HOT STRIP MILL	3	10200707	84" HSM REHEAT&BLRS DCOG	311.92	235.18
00121	U S STEEL CO GARY WORKS	301	84" HOT STRIP MILL	4	10200707	84" HSM REHEAT&BLRS UCOG	9.06	6.83
00121	U S STEEL CO GARY WORKS	403	PLATE MILL BTCH RHT #5-8	1	10200602	PM BATCH RHT #5-8 NG	0.06	0.08
00121	U S STEEL CO GARY WORKS	403	PLATE MILL BTCH RHT #5-8	2	10200707	PM BATCH RHT #5-8 DCOG	22.40	16.89
00121	U S STEEL CO GARY WORKS	403	PLATE MILL BTCH RHT #5-8	3	10200707	PM BATCH RHT #5-8 UCOG	0.94	0.71
00121	U S STEEL CO GARY WORKS	405	PLATE MILL CONT RHT #1,2	1	10200707	PM CONT RHT FCES 1&2 DCOG	83.93	63.28
00121	U S STEEL CO GARY WORKS	405	PLATE MILL CONT RHT #1,2	2	10100601	PM CONT RHT FCES 1&2 NG	0.13	0.16
00121	U S STEEL CO GARY WORKS	405	PLATE MILL CONT RHT #1,2	3	10200707	PM CONT RHT FCES 1&2 UCOG	2.89	2.18
00121	U S STEEL CO GARY WORKS	409	PM SLOW COOL FURNACES NG	1	10200602	PM SLOW COOL FURNACES NG	0.03	0.03
00121	U S STEEL CO GARY WORKS	411	PLATE MILL CNT HEAT TREAT	1	10100601	PM CONTINUOUS HT (NG)	0.39	0.46
00121	U S STEEL CO GARY WORKS	416	PM SLOW COOL FNCS (NG)	1	10200602	SM SLOW COOL FURNACES NG	0.04	0.05
00121	U S STEEL CO GARY WORKS	417	SLAB MILL STRESS HOOD FCE	1	10200602	SLAB MILL STRESS HOOD FCE	0.02	0.02

State Facility Identifier	Facility Name	Emission Unit ID	Emission Unit Description	Process ID	SCC	Emission Process Description	2002 Tons/Year	2015 Tons/Year
00121	U S STEEL CO GARY WORKS	501	8-STACK ANNEALING (SHT)	1	30300934	8-STACK ANNEALING	0.05	0.06
00121	U S STEEL CO GARY WORKS	502	NO. 6 GALVANIZE LINE	1	10200602	#6 GALVANIZE LINE FCE NG	0.05	0.06
00121	U S STEEL CO GARY WORKS	502	NO. 6 GALVANIZE LINE	2	10200602	#6 GALVANNEAL FCE (NG)	0.02	0.02
00121	U S STEEL CO GARY WORKS	503	4-STACK ANNEALING (SHT)	1	30300934	4-STACK ANNEALING (SHT)	0.23	0.27
00121	U S STEEL CO GARY WORKS	602	#2 CONT. ANNEALING (TIN)	1	30300934	#2 CONT. ANNEAL (TIN)	0.06	0.07
00121	U S STEEL CO GARY WORKS	605	4-STACK ANNEALING FNC NG	1	30300934	4-STACK BOX ANNEALING NG	0.05	0.06
00121	U S STEEL CO GARY WORKS	701	TBBH BOILER NO. 1	1	10100401	TBBH BOILER NO. 1 (OIL)	18.33	21.99
00121	U S STEEL CO GARY WORKS	701	TBBH BOILER NO. 1	2	10200704	TBBH BOILER NO. 1 (BFG)	62.37	47.03
00121	U S STEEL CO GARY WORKS	701	TBBH BOILER NO. 1	3	10200707	TBBH BOILER NO. 1 DCOG	49.24	37.12
00121	U S STEEL CO GARY WORKS	701	TBBH BOILER NO. 1	4	10200601	TBBH BOILER NO. 1 (NG)	0.07	0.09
00121	U S STEEL CO GARY WORKS	701	TBBH BOILER NO. 1	5	10200707	TBBH BOILER NO. 1 UCOG	6.25	4.71
00121	U S STEEL CO GARY WORKS	702	TBBH BOILER NO. 2	1	10100401	TBBH BOILER NO. 2 (OIL)	26.62	31.95
00121	U S STEEL CO GARY WORKS	702	TBBH BOILER NO. 2	2	10200704	TBBH BOILER NO. 2 (BFG)	63.41	47.81
00121	U S STEEL CO GARY WORKS	702	TBBH BOILER NO. 2	3	10200707	TBBH BOILER NO. 2 DCOG	23.79	17.93
00121	U S STEEL CO GARY WORKS	702	TBBH BOILER NO. 2	4	10200601	TBBH BOILER NO. 2 (NG)	0.04	0.05
00121	U S STEEL CO GARY WORKS	702	TBBH BOILER NO. 2	5	10200707	TBBH BOILER NO. 2 UCOG	3.12	2.35
00121	U S STEEL CO GARY WORKS	703	TBBH BOILER NO. 3	1	10100401	TBBH BOILER NO. 3 (OIL)	16.83	20.19
00121	U S STEEL CO GARY WORKS	703	TBBH BOILER NO. 3	2	10200704	TBBH BOILER NO. 3 (BFG)	52.20	39.36
00121	U S STEEL CO GARY WORKS	703	TBBH BOILER NO. 3	3	10200707	TBBH BOILER NO. 3 DCOG	45.19	34.08
00121	U S STEEL CO GARY WORKS	703	TBBH BOILER NO. 3	4	10200601	TBBH BOILER NO. 3 (NG)	0.06	0.08
00121	U S STEEL CO GARY WORKS	703	TBBH BOILER NO. 3	5	10200707	TBBH BOILER NO. 3 UCOG	6.25	4.71
00121	U S STEEL CO GARY WORKS	705	TBBH BOILER NO. 5	1	10100401	TBBH BOILER NO. 5 (OIL)	16.20	19.43
00121	U S STEEL CO GARY WORKS	705	TBBH BOILER NO. 5	2	10200704	TBBH BOILER NO. 5 (BFG)	55.36	41.74
00121	U S STEEL CO GARY WORKS	705	TBBH BOILER NO. 5	3	10200707	TBBH BOILER NO. 5 (DCOG)	46.70	35.21
00121	U S STEEL CO GARY WORKS	705	TBBH BOILER NO. 5	4	10200601	TBBH BOILER NO. 5 (NG)	0.07	0.09
00121	U S STEEL CO GARY WORKS	705	TBBH BOILER NO. 5	5	10200707	TBBH BOILER NO. 5 (UCOG)	0.86	0.65
00121	U S STEEL CO GARY WORKS	706	TBBH BOILER NO. 6	2	10200704	TBBH BOILER NO. 6 (BFG)	96.83	73.01
00121	U S STEEL CO GARY WORKS	706	TBBH BOILER NO. 6	4	10200601	TBBH BOILER NO. 6 (NG)	0.23	0.29
00121	U S STEEL CO GARY WORKS	706	TBBH BOILER NO. 6	5	10200707	DELETE	117.23	88.39
00121	U S STEEL CO GARY WORKS	714	CPBH BOILER NOS. 1-8	2	10200601	CPBH BLR 1-8 (NG)	0.04	0.05
00121	U S STEEL CO GARY WORKS	714	CPBH BOILER NOS. 1-8	3	10200707	CPBH BLRS 1-8 (DCOG)	310.25	233.93
00121	U S STEEL CO GARY WORKS	714	CPBH BOILER NOS. 1-8	4	10200707	CPBH BLRS 1-8 (UCOG)	12.10	9.12
00121	U S STEEL CO GARY WORKS	720	#4 BOILER HSE BLR NO. 1	1	10200401	#4 BOILER HSE BLR 1 (OIL)	12.40	21.84
00121	U S STEEL CO GARY WORKS	720	#4 BOILER HSE BLR NO. 1	2	10200601	#4 BOILER HSE BLR 1 (NG)	0.05	0.06
00121	U S STEEL CO GARY WORKS	720	#4 BOILER HSE BLR NO. 1	3	10200704	#4 BOILER HSE BLR 1 (BFG)	90.58	68.29
00121	U S STEEL CO GARY WORKS	721	#4 BOILER HSE BLR NO. 2	1	10200401	#4 BOILER HSE BLR 2 (OIL)	23.46	41.32
00121	U S STEEL CO GARY WORKS	721	#4 BOILER HSE BLR NO. 2	2	10200601	#4 BOILER HSE BLR 2 (NG)	0.05	0.06
00121	U S STEEL CO GARY WORKS	721	#4 BOILER HSE BLR NO. 2	3	10200704	#4 BOILER HSE BLR 2 (BFG)	87.75	66.16
00121	U S STEEL CO GARY WORKS	722	#4 BOILER HSE BLR NO. 3	2	10200601	#4 BOILER HSE BLR 3 (NG)	0.12	0.15
00121	U S STEEL CO GARY WORKS	722	#4 BOILER HSE BLR NO. 3	3	10200704	#4 BOILER HSE BLR 3 (BFG)	94.07	70.93
00121	U S STEEL CO GARY WORKS	725	ELECTROGALV LINE BOILER	1	10200602	ELECTROGALV LINE BLR NG	0.06	0.07
00121	U S STEEL CO GARY WORKS	726	BLST FCE GAS FLARE STACKS	1	10200704	1 AND 2 BFG FLARE STACKS	23.25	17.53

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00121	U S STEEL CO GARY WORKS	726	BLST FCE GAS FLARE STACKS	2	10200704	NO.4 BFG FLARE STACK	2.28	1.72
00143	GARY SANITARY LANDFILL	001	LANDFILL	2	50100410	PASSIVE FLARES (22 UNITS)	0.66	0.66
00143	GARY SANITARY LANDFILL	001	LANDFILL	3	50100410	ACTIVE FLARE (ONE UNIT)	0.38	0.38
00157	REPUBLIC TECHNOLOGIES INTERNATIONAL	001	ANNEALING FURNACE #9800	1	10200602	ANNEALING FURNACE NO.9800	0.01	0.02
00157	REPUBLIC TECHNOLOGIES INTERNATIONAL	002	ANNEALING FURNACE #7187	1	30390003	ANNEALING FURNACE #7187	0.01	0.01
00161	INDUSTRIAL STEEL CONSTRUCTION, INC.	007	OFFICE SPACE HEATER	1	10500106	SPACE HEATER	0.01	0.01
00163	NORTH AMERICAN REFRACTORIES	002	NATURAL GAS COMBUSTION	1	10200602	NATURAL GAS COMBUSTION	0.01	0.01
00169	GARY COAL PROCESSING	001	COAL PULVERIZER #1	2	10200602	AIR PREHEATER #1	0.03	0.03
00169	GARY COAL PROCESSING	002	COAL PULVERIZER #2	2	10200602	AIR PREHEATER #2	0.02	0.02
00169	GARY COAL PROCESSING	003	COAL PULVERIZER #3	2	10200603	AIR PREHEATER #3	0.02	0.03
00172	USS - CENTRAL TEAMING COMPANY, INC.	003	POWER GENERATORS	1	20200102	350KW GENERATOR	0.03	0.03
00172	USS - CENTRAL TEAMING COMPANY, INC.	003	POWER GENERATORS	2	20200102	250KW GENERATOR	0.10	0.11
00174	TUBE CITY, INC.	002	SCRAP BURNING	1	10100602	TORCH CUT STEEL SCRAP	0.01	0.01
00176	BRADENBURG INDUSTRIAL SERVICE COMPANY	001	BURNING FIELD	1	10201002	STEEL SCRAP PROCESSING	0.05	0.05
00177	PRAXAIR	001	GAS FIRED SOURCES	1	10300603	GAS FIRED SOURCES	0.01	0.01
00177	PRAXAIR	003	EMERGENCY GENERATORS	1	20200102	EMERGENCY GENERATORS	0.01	0.01
00179	BUCKO CONSTRUCTION - 15TH STREET PLANT	001	BATCH ASPHALT PLANT	12	30500204	COLD AGGREGATE HANDLING	12.83	16.41
00179	BUCKO CONSTRUCTION - 15TH STREET PLANT	001	BATCH ASPHALT PLANT	13	30500201	DRYER	7.81	9.99
00179	BUCKO CONSTRUCTION - 15TH STREET PLANT	001	BATCH ASPHALT PLANT	15	30500202	HOT BINS, ELEVATOR, MIXER	7.49	9.57
00201	JUPITER ALUMINUM CORPORATION	001	WHIRL POWER BOILER	1	10200603	WHIRL POWER BOILER	0.01	0.01
00201	JUPITER ALUMINUM CORPORATION	003	ANNEALING FURNACE #2	1	39000689	ANNEALING FURNACE 2	0.01	0.01
00201	JUPITER ALUMINUM CORPORATION	004	ANNEALING FURNACE #3	1	39000689	ANNEALING FURNACE	0.01	0.01
00201	JUPITER ALUMINUM CORPORATION	005	REVERB FURNACE #2	1	30400103	TONS METAL	18.22	33.99
00201	JUPITER ALUMINUM CORPORATION	005	REVERB FURNACE #2	2	10200601	NATURAL GAS CONSUMED	0.01	0.01
00201	JUPITER ALUMINUM CORPORATION	005	REVERB FURNACE #2	3	10500113	WASTE OIL CONSUMED	7.42	8.05
00201	JUPITER ALUMINUM CORPORATION	007	REVERB FURNACE #4	1	30400103	ALUMINUM REVERB FURN 4	5.12	9.56
00201	JUPITER ALUMINUM CORPORATION	007	REVERB FURNACE #4	2	10200601	FUEL USE ALUM REVERB FURN	0.01	0.01
00201	JUPITER ALUMINUM CORPORATION	009	REVERB FURNACE #6	1	30400103	METAL	18.99	35.43
00201	JUPITER ALUMINUM CORPORATION	009	REVERB FURNACE #6	3	10200504	REVERB FURNACE #6	16.69	17.69
00201	JUPITER ALUMINUM CORPORATION	010	HOLDING FURNACE	1	39000689	HOLDING FURNACE	0.01	0.01

State Facility Identifier	Facility Name	Emission Unit ID	Emission Unit Description	Process ID	SCC	Emission Process Description	2002 Tons/Year	2015 Tons/Year
00201	JUPITER ALUMINUM CORPORATION	011	REVERB FURNACE #7	1	30400103	ALUMINUM REVERB FURNACE7	0.07	0.13
00202	SILGAN CONTAINERS CORP	001	IN PROCESS FUEL USE	1	39000689	IN PROCESS FUEL USE	0.03	0.03
00203	CARGILL, INC.	001	GENERAL PLANT AREA	2	30299999	BIOGAS FLARE	30.91	34.84
00203	CARGILL, INC.	001	GENERAL PLANT AREA	3	30299999	SOURCE-WIDE S02 FUGITIVE	72.43	81.63
00203	CARGILL, INC.	003	GRIND AND FEEDHOUSE AREA	1	30201403	GLUTEN RING DRYER #1	12.21	14.19
00203	CARGILL, INC.	003	GRIND AND FEEDHOUSE AREA	3	30201403	FIRST STAGE GERM DRYER	21.39	26.42
00203	CARGILL, INC.	003	GRIND AND FEEDHOUSE AREA	8	30201403	SECOND STAGE GERM DRYER	21.40	26.42
00203	CARGILL, INC.	003	GRIND AND FEEDHOUSE AREA	12	30201403	WAXY FEED DRUM DRYER	26.91	24.86
00203	CARGILL, INC.	003	GRIND AND FEEDHOUSE AREA	15	30201403	GERM DRYER/COOLER	12.20	24.87
00203	CARGILL, INC.	003	GRIND AND FEEDHOUSE AREA	16	30201403	FIBER DRYING EQUIPMENT	13.82	31.27
00203	CARGILL, INC.	003	GRIND AND FEEDHOUSE AREA	19	30201403	GLUTEN DRYER SYSTEM	22.74	14.18
00203	CARGILL, INC.	003	GRIND AND FEEDHOUSE AREA	20	30201403	ROTARY FEED DRYER	22.74	16.06
00203	CARGILL, INC.	004	REFINERY AREA	5	30200754	#4 CORN SYRUP SPRAY DRYER	0.02	0.02
00203	CARGILL, INC.	004	REFINERY AREA	6	30299998	CORN SYRUP DRYER/COOLER	0.01	0.01
00203	CARGILL, INC.	004	REFINERY AREA	7	30299998	CARBON REGEN FURNACE #2	0.01	0.01
00203	CARGILL, INC.	005	STARCH PRODUCTION AREA	21	30201410	STARCH RING DRYER #2	0.01	0.01
00203	CARGILL, INC.	005	STARCH PRODUCTION AREA	25	30201412	STARCH RING DRYER #3	0.05	0.06
00203	CARGILL, INC.	005	STARCH PRODUCTION AREA	27	30201412	PROCESS WITH DRYER #4	0.02	0.02
00203	CARGILL, INC.	007	UTILITY (BOILER) AREA	2	10200601	BOILER #2 NATURAL GAS	0.08	0.10
00203	CARGILL, INC.	007	UTILITY (BOILER) AREA	3	10200601	BOILER #6 NATURAL GAS	0.16	0.21
00203	CARGILL, INC.	007	UTILITY (BOILER) AREA	4	10200602	BOILER #7 NATURAL GAS	0.09	0.11
00203	CARGILL, INC.	007	UTILITY (BOILER) AREA	5	10200602	BOILER #8 NATURAL GAS	0.08	0.10
00203	CARGILL, INC.	007	UTILITY (BOILER) AREA	6	10200602	BOILER #10 NATURAL GAS	0.13	0.16
00204	ASF-KEYSTONE, INC.	001	SELLARS BOILER	1	10200602	SELLARS BOILER	0.01	0.01
00204	ASF-KEYSTONE, INC.	009	MEDIUM COIL SPRING MFG	1	30990003	MEDIUM COIL SPRING MFG	0.01	0.01
00204	ASF-KEYSTONE, INC.	010	LARGE COIL SPRING MFG	1	30990003	LARGE COIL SPRING MFG	0.01	0.01
00210	STATE LINE ENERGY LLC	002	#4 CYCLONE COAL-FIRED BLR	1	10100223	UNIT 4 COAL EMISSIONS*	4663.70	5596.44
00210	STATE LINE ENERGY LLC	010	AUX EMERGENCY GENERATOR	1	10100501	DISTILLATE OIL FUEL STK11	0.02	0.02
00210	STATE LINE ENERGY LLC	021	#3 PLVRZED COAL-FIRED BL	1	10100226	COAL AS FUEL EMISSIONS*	3779.20	4535.04
00219	HAMMOND GROUP, INC. (HGI)	031	UNIT 56-1 (400Y FURNACE)	2	39000689	400 Y FURNACE - NG	0.01	0.01
00220	LASALLE STEEL COMPANY	002	#3 ROLLER HEARTH FURNACE	2	39000699	NATURAL GAS CONSUMPTION	0.02	0.02
00220	LASALLE STEEL COMPANY	010	BAR FINISHING	1	10200602	COLD FINISH HOT STEEL	0.04	0.05
00220	LASALLE STEEL COMPANY	012	HARDENING FURNACE	2	30490033	NATURAL GAS CONSUMPTION	0.03	0.04
00220	LASALLE STEEL COMPANY	013	TEMPERING FURNACE	2	30490033	NATURAL GAS CONSUMPTION	0.02	0.03
00222	RESCO PRODUCTS, INC.	014	BASIC DRYER (S-8)	1	30500311	BRICK MFG CURING	5.82	7.37
00227	KEIL CHEM -FERRO CO	002	STEAM BOILER B-4	2	10200602	NAT GAS USE EMISSIONS	0.01	0.01
00227	KEIL CHEM -FERRO CO	003	STEAM BOILER B-5	2	10200602	NAT GAS USE EMISSIONS	0.01	0.02
00227	KEIL CHEM -FERRO CO	009	STEAM BOILER B-6	1	10200602	NAT GAS USE EMISSIONS	0.01	0.02
00227	KEIL CHEM -FERRO CO	012	HIGH TEMPERATURE PROCESS	1	30107002	HIGH TEMPERATURE PROCESS	0.12	0.13
00228	HUHTAMAKI FOODSERVICE INC.	001	DRYER #1	2	10200603	DRYER #1 GAS BURNED	0.01	0.01
00228	HUHTAMAKI FOODSERVICE INC.	002	DRYER #2	2	10200603	DRYER #2 GAS BURNED	0.01	0.01
00228	HUHTAMAKI FOODSERVICE INC.	004	DRYER #4	2	10200603	DRYER #4 GAS BURNED	0.01	0.01

State Facility Identifier	Facility Name	Emission Unit ID	Emission Unit Description	Process ID	SCC	Emission Process Description	2002 Tons/Year	2015 Tons/Year
00228	HUHTAMAKI FOODSERVICE INC.	008	DRYER #8	2	10200603	DRYER #8 GAS BURNED	0.01	0.01
00228	HUHTAMAKI FOODSERVICE INC.	009	DRYER #9	2	10200603	DRYER #9 GAS BURNED	0.01	0.01
00228	HUHTAMAKI FOODSERVICE INC.	010	DRYER #10	2	10200603	DRYER #10 GAS BURNED	0.01	0.02
00228	HUHTAMAKI FOODSERVICE INC.	013	BABCOCK & WILCOX BOILER	1	10200603	BABCOCK & WILCOX BOILER	0.02	0.03
00229	UNILEVER HPC USA	003	BOILER 4	2	10200602	BOILER 4 NATURAL GAS	0.01	0.01
00229	UNILEVER HPC USA	004	SULFONATION	1	30199999	SULFONATION PROCESS	0.18	0.26
00229	UNILEVER HPC USA	016	DOWTHERM BOILER #1	1	39000689	DOWTHERM BLR #1 NG	0.01	0.02
00229	UNILEVER HPC USA	029	DOWTHERM BOILER #2	1	39000689	DOWTHERM BLR #2 NG	0.01	0.02
00229	UNILEVER HPC USA	049	POWER HOUSE BOILER 1	2	10200602	POWER HOUSE BOILER 1 NG	0.11	0.14
00230	WOLF LAKE TERMINALS, INC.	001	KEWANEE BOILER	1	10300602	NATURAL GAS BURNED	0.01	0.01
00242	RHODIA INC.	001	PACKAGE BOILER	1	10200602	NATURAL GAS	0.01	0.01
00242	RHODIA INC.	003	UNIT 4 SARU	4	39001389	WASTE FUEL	2306.20	3323.23
00244	SAINT MARGARET MERCY HEALTHCARE CENTERS	007	COMBUSTION BOILER #1	1	10300602	GAS COMBUSTION BOILER #1	0.01	0.01
00244	SAINT MARGARET MERCY HEALTHCARE CENTERS	008	COMBUSTION BOILER #2	1	10300602	GAS COMBUSTION BOILER #2	0.01	0.01
00244	SAINT MARGARET MERCY HEALTHCARE CENTERS	009	COMBUSTION BOILER #3	1	10300602	GAS COMBUSTION BOILER #3	0.01	0.01
00248	H. A. INDUSTRIES-DIV OF AM CASTLE & CO.	001	ANNEALING FURNACE	1	30490033	ANNEALING FURNACE LINE 1	0.02	0.03
00248	H. A. INDUSTRIES-DIV OF AM CASTLE & CO.	001	ANNEALING FURNACE	3	30402201	ANNEALING FURNACE LINE 2	0.01	0.03
00248	H. A. INDUSTRIES-DIV OF AM CASTLE & CO.	002	AUSTENITIZING FURNACE	1	30490003	AUSTENITIZING FURNACE	0.02	0.02
00248	H. A. INDUSTRIES-DIV OF AM CASTLE & CO.	002	AUSTENITIZING FURNACE	2	30490003	ADD 4MMBTU	0.01	0.01
00248	H. A. INDUSTRIES-DIV OF AM CASTLE & CO.	003	TEMPERING FURNACE	1	30390003	TEMPERING FURNACE LINE 1	0.01	0.01
00248	H. A. INDUSTRIES-DIV OF AM CASTLE & CO.	003	TEMPERING FURNACE	3	30402201	TEMPERING FURNACE LINE 2	0.01	0.02
00248	H. A. INDUSTRIES-DIV OF AM CASTLE & CO.	006	HARDENING FURNACE	1	39000689	HARDENING FURNACE	0.02	0.02
00249	PURDUE UNIVERSITY CALUMET	008	CENTRAL PLANT #5F BLR.	1	10200602	STEAM FOR SPACE HEATING	0.01	0.01
00253	ARROW UNIFORM RENTAL	001	PARKER PACKAGE BOILER	1	10200603	NAT GAS COMBUSTION	0.01	0.01
00253	ARROW UNIFORM RENTAL	002	DIRECT CONTACT WATER HEAT	1	10200603	NAT GAS COMBUSTION	0.01	0.01
00253	ARROW UNIFORM RENTAL	003	WASH/DRY PROCESS 1	2	10200603	NATURAL GAS COMBUSTION	0.01	0.01
00253	ARROW UNIFORM RENTAL	004	WASH/DRY PROCESS #2	2	10200603	NATURAL GAS COMBUSTION	0.01	0.01

State Facility Identifier	Facility Name	Emission Unit ID	Emission Unit Description	Process ID	SCC	Emission Process Description	2002 Tons/Year	2015 Tons/Year
00298	BAKERY FEEDS	01	DRYING OF BAKERY SCRAP	2	30290003	NATURAL GAS COMBUSTION	0.01	0.01
00300	U.S. STEEL - EAST CHICAGO TIN OPERATIONS	001	EC-CA CONT ANNEAL LINE	1	10200602	CONT ANNEAL LINE (NG)	0.08	0.10
00300	U.S. STEEL - EAST CHICAGO TIN OPERATIONS	002	EC-BA BOX ANNEALING	1	10200602	BOX ANNEALING (NG)	0.03	0.04
00300	U.S. STEEL - EAST CHICAGO TIN OPERATIONS	003	BOILER NO. 1	1	10200602	BOILER NO. 1	0.13	0.17
00300	U.S. STEEL - EAST CHICAGO TIN OPERATIONS	004	BOILER NO. 2	1	10200602	BOILER NO. 2	0.13	0.17
00301	SAFETY-KLEEN OIL RECOVERY CO.	001	SB-801 PROCESS BOILER	1	10200602	SB-801 NATURAL GAS FIRED	0.07	0.08
00301	SAFETY-KLEEN OIL RECOVERY CO.	002	SB-820 PROCESS BOILER	1	10200602	SB-820 NATURAL GAS FIRED	0.08	0.10
00301	SAFETY-KLEEN OIL RECOVERY CO.	003	SB-821 PROCESS BOILER	1	10200602	SB-821 NATURAL GAS FIRED	0.08	0.10
00301	SAFETY-KLEEN OIL RECOVERY CO.	004	H-201 VFS FURNACE	1	30600105	H-201 NATURAL GAS FIRED	0.02	0.03
00301	SAFETY-KLEEN OIL RECOVERY CO.	004	H-201 VFS FURNACE	2	30600103	H-201 FUEL OIL FIRED	27.28	36.48
00301	SAFETY-KLEEN OIL RECOVERY CO.	004	H-201 VFS FURNACE	3	30600106	H-201 OFF GAS FIRED	6.55	7.51
00301	SAFETY-KLEEN OIL RECOVERY CO.	005	H-301 HOT OIL HEATER	1	30600105	H-301 NATURAL GAS FIRED	0.02	0.03
00301	SAFETY-KLEEN OIL RECOVERY CO.	005	H-301 HOT OIL HEATER	2	30600103	H-301 FUEL OIL FIRED	31.53	42.16
00301	SAFETY-KLEEN OIL RECOVERY CO.	006	H-302 VACUUM TOWER FURNAC	1	30600105	H-302 NATURAL GAS FIRED	0.03	0.03
00301	SAFETY-KLEEN OIL RECOVERY CO.	007	H-401 HT REHEATER	1	30600105	H-401 NATURAL GAS FIRED	0.01	0.01
00301	SAFETY-KLEEN OIL RECOVERY CO.	007	H-401 HT REHEATER	2	30600103	H-401 FUEL OIL FIRED	14.68	19.63
00301	SAFETY-KLEEN OIL RECOVERY CO.	007	H-401 HT REHEATER	3	30600106	HT-401 OFF GAS FIRED	36.71	42.07
00301	SAFETY-KLEEN OIL RECOVERY CO.	008	H-402 HT REHEATER	1	30600105	H-402 HT REHEATER	0.01	0.02

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00301	SAFETY-KLEEN OIL RECOVERY CO.	008	H-402 HT REHEATER	2	30600103	HT-402 FUEL OIL FIRED	11.33	15.15
00301	SAFETY-KLEEN OIL RECOVERY CO.	009	H-403 HT REHEATER	1	30600105	H-403 NATURAL GAS FIRED	0.01	0.01
00301	SAFETY-KLEEN OIL RECOVERY CO.	010	H-404 HT FEED HEATER	1	30600105	H-404 NATURAL GAS FIRED	0.02	0.02
00301	SAFETY-KLEEN OIL RECOVERY CO.	011	H-405 FRACTIONATOR HEATER	1	30600105	H-405 FRACTIONATOR HEATER	0.03	0.03
00310	W.R. GRACE	001	SODIUM SILICATE FURNACE	1	30190003	COMBUSTION/PROCESS	0.05	0.05
00310	W.R. GRACE	002	#1 POWERHOUSE BOILER	1	10200602	NATURAL GAS	0.02	0.02
00310	W.R. GRACE	003	#2 POWERHOUSE BOILER	1	10200602	NATURAL GAS	0.02	0.02
00310	W.R. GRACE	004	#3 POWERHOUSE BOILER	1	10200602	NATURAL GAS	0.02	0.02
00316	ISPAT INLAND INC.	001	NO. 5 BLAST FURNACE CASTH	2	30300825	Pellets,Sinter,Coke,Coal,	77.81	92.90
00316	ISPAT INLAND INC.	002	NO. 5 BLAST FURNACE TOPSI	1	30300823	Pellets,Sinter,Coke,Coal,	77.81	92.90
00316	ISPAT INLAND INC.	003	NO. 5 BLAST FURNACE SLAG	1	30300825	Slag	56.22	67.12
00316	ISPAT INLAND INC.	005	NO. 6 BLAST FURNACE CASTH	2	30300825	Pellets,Sinter,Coke,Coal,	92.87	110.89
00316	ISPAT INLAND INC.	006	NO. 6 BLAST FURNACE TOPSI	1	30300823	Pellets,Sinter,Coke,Coal,	92.87	110.89
00316	ISPAT INLAND INC.	007	NO. 6 BLAST FURNACE SLAG	1	30300825	Slag	67.10	80.12
00316	ISPAT INLAND INC.	010	NO. 5 BLAST FURNACE STOVE	1	39000701	Blast Furnace Gas	160.10	120.71
00316	ISPAT INLAND INC.	010	NO. 5 BLAST FURNACE STOVE	2	39000689	Natural Gas	0.11	0.14
00316	ISPAT INLAND INC.	015	NO. 6 BLAST FURNACE STOVE	1	39000701	Blast Furnace Gas	192.13	144.86
00316	ISPAT INLAND INC.	015	NO. 6 BLAST FURNACE STOVE	2	39000689	Natural Gas	0.13	0.17
00316	ISPAT INLAND INC.	020	SINTER PLANT WIND BOX	3	30300813	Ore,Flux,Coke,Fines,Scale	292.65	349.42
00316	ISPAT INLAND INC.	034	PUGH LADLE FACILITY PUGH	2	30300932	Steel	0.01	0.02
00316	ISPAT INLAND INC.	035	PUGH LADLE FACILITY POURI	1	30300915	BRICK, HOT METAL	0.40	0.47
00316	ISPAT INLAND INC.	036	PUGH LADLE FACILITY PUGH	1	39000689	Natural Gas	0.02	0.03
00316	ISPAT INLAND INC.	039	NO. 7 BLAST FURNACE CASTH	1	30300825	Slag	68.68	82.00
00316	ISPAT INLAND INC.	045	NO. 7 BLAST FURNACE STOVE	1	39000701	Blast Furnace Gas	194.34	146.53
00316	ISPAT INLAND INC.	045	NO. 7 BLAST FURNACE STOVE	3	39000689	Natural Gas	0.51	0.64
00316	ISPAT INLAND INC.	050	NO. 7 BLAST FURNACE CASTH	1	30300825	Slag, Hot Metal	132.50	158.20
00316	ISPAT INLAND INC.	051	NO. 7 BLAST FURNACE CASTH	1	30300825	Slag, Hot Metal	132.50	158.20
00316	ISPAT INLAND INC.	053	NO. 7 BLAST FURNACE CASTH	1	30300825	Pellets,Sinter,Coke,Coal,	14.94	17.84
00316	ISPAT INLAND INC.	060	NO. 7 BLAST FURNACE BFG F	1	39000701	Blast Furnace Gas	92.20	69.52
00316	ISPAT INLAND INC.	060	NO. 7 BLAST FURNACE BFG F	2	39000689	Natural Gas	0.01	0.02
00316	ISPAT INLAND INC.	100	NO. 2 BOF CHARGE AISLE RE	1	30300915	HOT METAL	9.44	11.27
00316	ISPAT INLAND INC.	102	NO. 2 BOF - #10 FCE #10 F	2	30300914	SCRAP,FLUX,HOT METAL	42.16	50.34
00316	ISPAT INLAND INC.	103	NO. 2 BOF - #20 FCE #20 F	2	30300914	SCRAP,FLUX,HOT METAL	42.16	50.34
00316	ISPAT INLAND INC.	104	NO. 2 BOF - SECONDARY VEN	1	30300916	Scrap, Hot Metal, Flux	16.87	20.14
00316	ISPAT INLAND INC.	107	NO. 2 BOF LADLE PREHEAT &	1	39000689	Natural Gas	0.12	0.14
00316	ISPAT INLAND INC.	110	NO. 2 BOF ROOF MONITOR RO	1	30300998	Hot Metal, Scrap, Flux	0.48	0.58
00316	ISPAT INLAND INC.	112	NO. 2 BOF LMF LADLE METAL	1	30300999	MOLTEN STEEL, FLUX	30.12	35.96

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00316	ISPAT INLAND INC.	114	NO. 2 BOF CONTINUOUS CAST	1	39000689	Natural Gas	0.01	0.02
00316	ISPAT INLAND INC.	116	NO. 2 BOF CONTINUOUS CAST	1	39000689	Natural Gas	0.01	0.01
00316	ISPAT INLAND INC.	130	NO. 4 BOF HOT METAL PIT R	1	30300915	HOT METAL (IRON)	5.96	7.11
00316	ISPAT INLAND INC.	131	NO. 4 BOF HOT METAL PIT R	1	30300915	HOT METAL (IRON)	5.96	7.11
00316	ISPAT INLAND INC.	135	NO. 4 BOF STEELMAKING OFF	1	30300913	Scrap,Flux,Hot Metal, WOB	1.45	1.74
00316	ISPAT INLAND INC.	137	NO. 4 BOF SECONDARY VENT	1	30300916	Scrap,Flux,Hot Metal,WOB	1.45	1.74
00316	ISPAT INLAND INC.	139	NO. 4 BOF LADLE PREHEAT	1	39000689	Natural Gas	0.10	0.12
00316	ISPAT INLAND INC.	146	NO. 4 BOF RHOB CONDENSERS	1	39990023	Natural Gas	0.02	0.02
00316	ISPAT INLAND INC.	150	NO. 4 BOF ROOF MONITOR	1	30300998	Scrap,Flux,Hot Metal,WOB	0.04	0.05
00316	ISPAT INLAND INC.	155	NO. 4 BOF CONTINUOUS CAST	1	39000689	Natural Gas	0.01	0.01
00316	ISPAT INLAND INC.	160	NO. 1 LIME PLANT NO. 1 KI	1	39000689	Natural Gas	0.03	0.03
00316	ISPAT INLAND INC.	160	NO. 1 LIME PLANT NO. 1 KI	2	39000489	Residual Oil	18.44	32.47
00316	ISPAT INLAND INC.	161	NO. 1 LIME PLANT NO. 2 KI	1	39000689	Natural Gas	0.03	0.03
00316	ISPAT INLAND INC.	161	NO. 1 LIME PLANT NO. 2 KI	2	39000489	Residual Oil	18.44	32.47
00316	ISPAT INLAND INC.	170	NO. 1 ELECTRIC FURNACE ME	3	30300907	SCRAP METAL, FLUX	154.77	184.80
00316	ISPAT INLAND INC.	171	NO. 1 ELECTRIC FURNACE LA	1	39000689	Natural Gas	0.03	0.04
00316	ISPAT INLAND INC.	172	NO. 1 ELECTRIC FURNACE RO	1	30300998	SCRAP METAL, FLUX	0.28	0.33
00316	ISPAT INLAND INC.	173	NO. 1 ELECTRIC FURNACE LA	1	30300999	MOLTEN STEEL, FLUX	23.16	27.66
00316	ISPAT INLAND INC.	174	NO. 1 ELECTRIC FURNACE CO	1	30300922	Natural Gas	0.01	0.01
00316	ISPAT INLAND INC.	217	12" BAR MILL REHEAT FURNA	1	39000689	Natural Gas	0.34	0.42
00316	ISPAT INLAND INC.	265	80" HOT STRIP MILL #5 WAL	1	10200601	Natural Gas	0.85	1.07
00316	ISPAT INLAND INC.	266	80" HOT STRIP MILL #6 WAL	1	10200601	Natural Gas	0.85	1.07
00316	ISPAT INLAND INC.	268	80" HOT STRIP MILL CONDIT	1	39000689	Natural Gas	0.03	0.03
00316	ISPAT INLAND INC.	280	2 AC - BOILER #211 1/2 BO	1	10200704	Blast Furnace Gas	109.69	82.71
00316	ISPAT INLAND INC.	280	2 AC - BOILER #211 1/2 BO	2	10200601	Natural Gas	0.03	0.04
00316	ISPAT INLAND INC.	281	2 AC - BOILER #211 1/2 BO	1	10200704	Blast Furnace Gas	109.69	82.71
00316	ISPAT INLAND INC.	281	2 AC - BOILER #211 1/2 BO	2	10200601	Natural Gas	0.03	0.04
00316	ISPAT INLAND INC.	282	2 AC - BOILER #212 1/2 BO	1	10200704	Blast Furnace Gas	106.87	80.58
00316	ISPAT INLAND INC.	282	2 AC - BOILER #212 1/2 BO	2	10200601	Natural Gas	0.03	0.04
00316	ISPAT INLAND INC.	283	2 AC - BOILER #212 1/2 BO	1	10200704	Blast Furnace Gas	106.87	80.58
00316	ISPAT INLAND INC.	283	2 AC - BOILER #212 1/2 BO	2	10200601	Natural Gas	0.03	0.04
00316	ISPAT INLAND INC.	284	2 AC - BOILER #213 1/2 BO	1	10200704	Blast Furnace Gas	65.42	49.33
00316	ISPAT INLAND INC.	284	2 AC - BOILER #213 1/2 BO	2	10200601	Natural Gas	0.02	0.03
00316	ISPAT INLAND INC.	285	2 AC - BOILER #213 1/2 BO	1	10200704	Blast Furnace Gas	65.42	49.33
00316	ISPAT INLAND INC.	285	2 AC - BOILER #213 1/2 BO	2	10200601	Natural Gas	0.02	0.03
00316	ISPAT INLAND INC.	287	NO. 2 AC STATION BFG FLAR	1	39000701	Blast Furnace Gas	76.58	57.74
00316	ISPAT INLAND INC.	330	NO. 5 BOILER HOUSE BOILER	1	10200704	Blast Furnace Gas	438.89	330.93
00316	ISPAT INLAND INC.	330	NO. 5 BOILER HOUSE BOILER	2	10200799	Mixed Gas	0.30	0.34
00316	ISPAT INLAND INC.	330	NO. 5 BOILER HOUSE BOILER	3	10200602	Natural Gas	0.15	0.18
00316	ISPAT INLAND INC.	350	PLANT 1 GALVANIZE NO. 3 G	1	39000699	Natural Gas	0.11	0.14
00316	ISPAT INLAND INC.	355	PLANT 1 GALVANIZE NO. 4 A	1	39000699	Natural Gas	0.10	0.12
00316	ISPAT INLAND INC.	374	NO. 3 COLD MILL WEST NO.	1	39000689	Natural Gas	0.20	0.25

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00316	ISPAT INLAND INC.	377	NO. 3 COLD MILL EAST NO.	1	39000689	Natural Gas	0.27	0.34
00316	ISPAT INLAND INC.	385	NO. 3 COLD MILL NO. 3 CON	1	39000689	Natural Gas	0.13	0.17
00316	ISPAT INLAND INC.	396	NO. 3 COLD MILL NO. 5 GAL	1	39000689	Natural Gas	0.13	0.16
00316	ISPAT INLAND INC.	513	80" HOT STRIP MILL 1/2 #4	1	10200601	Natural Gas	0.37	0.46
00316	ISPAT INLAND INC.	514	80" HOT STRIP MILL 1/2 #4	1	10200601	Natural Gas	0.37	0.46
00318	ISG INDIANA HARBOR INC.	004	SINTER PLANT	1	30300813	MAIN (WINDBOX) STK (S2A)	174.87	208.79
00318	ISG INDIANA HARBOR INC.	008	BOF SHOP	7	30300917	RELADLE DESULF BAG. (S3B)	0.63	36.88
00318	ISG INDIANA HARBOR INC.	008	BOF SHOP	10	39000689	VACUUM DEGAS-NATG (S3D)	30.89	0.00
00318	ISG INDIANA HARBOR INC.	021	BOILER HSE-#5 BLR (S8C/D)	2	10200601	PROCESS FUEL - NATL GAS	0.08	0.10
00318	ISG INDIANA HARBOR INC.	022	BOILER HSE-#6 BLR (S8E)	2	10200601	PROCESS FUEL - NATL GAS	0.21	0.26
00318	ISG INDIANA HARBOR INC.	022	BOILER HSE-#6 BLR (S8E)	3	10200704	PROCESS FUEL - BF GAS	92.13	69.47
00318	ISG INDIANA HARBOR INC.	023	BOILER HSE-#7 BLR (S8F)	2	10200601	PROCESS FUEL - NATL GAS	0.10	0.13
00318	ISG INDIANA HARBOR INC.	023	BOILER HSE-#7 BLR (S8F)	3	10200704	PROCESS FUEL - BF GAS	111.26	83.89
00318	ISG INDIANA HARBOR INC.	024	BOILER HSE-#8 BLR (S8G)	2	10200601	PROCESS FUEL - NATL GAS	0.15	0.19
00318	ISG INDIANA HARBOR INC.	024	BOILER HSE-#8 BLR (S8G)	3	10200704	PROCESS FUEL - BF GAS	135.40	102.09
00318	ISG INDIANA HARBOR INC.	048	HSM REHEAT FNC #1 (S4A)	3	39000689	PROCESS FUEL - NATL GAS	0.32	0.40
00318	ISG INDIANA HARBOR INC.	049	HSM REHEAT FNC #2 (S4B)	3	39000689	PROCESS FUEL - NATL GAS	0.29	0.36
00318	ISG INDIANA HARBOR INC.	050	HSM REHEAT FNC #3 (S4C)	3	39000689	PROCESS FUEL - NATL GAS	0.35	0.44
00318	ISG INDIANA HARBOR INC.	069	H-3 BLAST FURNACE	2	39000701	STOVE FUEL-BFG (S1A)	41.63	31.39
00318	ISG INDIANA HARBOR INC.	069	H-3 BLAST FURNACE	3	30300825	B.F. CASTHOUSE (V1A)	4.45	5.31
00318	ISG INDIANA HARBOR INC.	069	H-3 BLAST FURNACE	4	30390024	BLDR FLARE-BF GAS (S1E)	0.92	0.80
00318	ISG INDIANA HARBOR INC.	069	H-3 BLAST FURNACE	5	30300802	FURNACE CHARGE (F1A)	0.02	0.02
00318	ISG INDIANA HARBOR INC.	069	H-3 BLAST FURNACE	6	30300999	H-3 BF SLAG PITS (F1C)	11.81	14.10
00318	ISG INDIANA HARBOR INC.	070	H-4 BLAST FURNACE	2	39000701	STOVE FUEL-BF GAS (S1C)	114.17	86.08
00318	ISG INDIANA HARBOR INC.	070	H-4 BLAST FURNACE	3	30300825	B.F. CASTHOUSE (V1B)	12.89	15.40
00318	ISG INDIANA HARBOR INC.	070	H-4 BLAST FURNACE	4	30300823	BF-BAGHOUSE STK (S1B)	57.62	68.80
00318	ISG INDIANA HARBOR INC.	070	H-4 BLAST FURNACE	5	30390024	BLDR FLARE-BF GAS (S1D)	0.92	0.80
00318	ISG INDIANA HARBOR INC.	070	H-4 BLAST FURNACE	6	30300802	FURNACE CHARGE (F1B)	0.05	0.06
00318	ISG INDIANA HARBOR INC.	070	H-4 BLAST FURNACE	7	30300999	H-4 BF SLAG PITS (F1D)	34.25	40.90
00318	ISG INDIANA HARBOR INC.	087	NO. 2 SHEET MILL	3	39000689	#2 FLAME FNC-NATG (S5B)	0.02	0.03
00318	ISG INDIANA HARBOR INC.	087	NO. 2 SHEET MILL	4	39000689	#2 GALV FNC - NATG (V5A)	0.01	0.01
00318	ISG INDIANA HARBOR INC.	089	NO. 3 SHEET MILL	2	39000689	SNGL STK ANL-NATL G (V6A)	0.01	0.01
00318	ISG INDIANA HARBOR INC.	089	NO. 3 SHEET MILL	3	39000689	#1-13FURNACE-NATL G (V6A)	0.06	0.07
00330	PRAXAIR, INC.	002	BOILER 1 & 2	1	10200601	2 BOILERS- 103 MMBTU	0.02	0.02
00330	PRAXAIR, INC.	003	PLANT 6 REGEN HEATER	1	30190003	PLANT 6 REGEN FUEL NG	0.01	0.01
00330	PRAXAIR, INC.	004	PLANT #7 REGEN HEATER	1	30190003	PLANT 7 REGEN FUEL NG	0.01	0.01
00330	PRAXAIR, INC.	005	PLANT 8 REGEN HEATER	1	30190003	PLANT 8 REGEN FUEL NG	0.01	0.01
00332	UNION TANK CAR COMPANY - PLANT #1	001	BUILDING NO 4 BOILER	1	10200603	BUILDING NO 4 BOILER	0.01	0.01
00332	UNION TANK CAR COMPANY - PLANT #1	029	NORMALIZING FURNACE	1	10200603	NORMALIZING FURNACE	0.01	0.01

State Facility Identifier	Facility Name	Emission Unit ID	Emission Unit Description	Process ID	SCC	Emission Process Description	2002 Tons/Year	2015 Tons/Year
00332	UNION TANK CAR COMPANY - PLANT #1	030	18 SPACE HTRS, 2 BOILERS	1	10500106	18 SPACE HTRS, 2 BOILERS	0.01	0.01
00333	UNITED STATES GYPSUM COMPANY	001	BOARD & MILL	2	10200603	DRYER MILL #1 BURNER	0.05	0.02
00333	UNITED STATES GYPSUM COMPANY	001	BOARD & MILL	4	10200603	DRY SEAL BURNER	0.08	0.02
00333	UNITED STATES GYPSUM COMPANY	001	BOARD & MILL	5	10200602	DRY ZONE KILN	0.02	0.07
00333	UNITED STATES GYPSUM COMPANY	001	BOARD & MILL	6	10200603	DRYER MILL #2 BURNER	0.02	0.02
00333	UNITED STATES GYPSUM COMPANY	001	BOARD & MILL	10	10200602	KETTLE #2 BURNER	0.02	0.06
00333	UNITED STATES GYPSUM COMPANY	001	BOARD & MILL	12	10200602	KETTLE #3 BURNER	0.06	0.11
00333	UNITED STATES GYPSUM COMPANY	001	BOARD & MILL	24	10200603	WATER HEATER	0.02	0.02
00333	UNITED STATES GYPSUM COMPANY	001	BOARD & MILL	25	10200603	WET SEAL BURNER	0.06	0.02
00333	UNITED STATES GYPSUM COMPANY	001	BOARD & MILL	26	10200602	WET ZONE KILN	0.02	0.07
00356	BEEMSTERBOER SLAG CORPORATION	2	FUEL COMBUSTION	20	20100102	DIESEL GENERATOR	1.41	1.70
00358	EAST CHICAGO RECOVERY, INC.	001	KILN DRYER BURNERS	1	39000689	KILN DRYER BURNERS	0.01	0.01
00360	RJR DRYING	001	WET COKE PLANT	1	30510504	ROTARY THERMAL DRYER-COMB	0.02	0.02
00381	PROGRESS RAIL SERVICES CORPORATION	004	FUEL COMBUSTION	1	10300602	NATURAL GAS COMBUSTION	0.01	0.01
00382	INDIANA HARBOR COKE COMPANY	002	CHARGING MACHINE	1	30300302	CHARGING MACHINE	6.17	7.36
00382	INDIANA HARBOR COKE COMPANY	003	PUSHING	1	30300303	PUSHING	7.70	9.20
00382	INDIANA HARBOR COKE COMPANY	004	QUENCHING	1	30300304	QUENCH TOWERS	4.84	5.78
00382	INDIANA HARBOR COKE COMPANY	005	COAL THAW SHED	1	30300305	COAL THAW SHED	0.02	0.02
00382	INDIANA HARBOR COKE COMPANY	023	VENTING	1	30300399	VENTING	444.68	530.95
00383	COKENERGY INC.	001	MAIN STACK CONTROL	1	30300315	FLUE GAS DESULFURIZATION	5950.93	7105.41
00407	AVERY DENNISON GRAPHICS DIVISION	001	NAT GAS-FIRED THERMAL OXI	1	10200602	NAT GAS-FIRED THERMAL OXI	0.04	0.06
00426	MUNSTER COMMUNITY HOSPITAL	001	BOILERHOUSE	1	10300602	BOILER #1	0.02	0.02
00426	MUNSTER COMMUNITY HOSPITAL	001	BOILERHOUSE	12	10300602	GAS FIRED CHILLER #2	0.02	0.00
00426	MUNSTER COMMUNITY HOSPITAL	001	BOILERHOUSE	16	10300602	HOT WATER BOILER #4	0.01	0.00

State Facility Identifier	Facility Name	Emission Unit ID	Emission Unit Description	Process ID	SCC	Emission Process Description	2002 Tons/Year	2015 Tons/Year
00426	MUNSTER COMMUNITY HOSPITAL	001	BOILERHOUSE	17	10300602	HOT WATER BOILER #5	0.02	0.00
00426	MUNSTER COMMUNITY HOSPITAL	001	BOILERHOUSE	18	10300602	HOT WATER BOILER #6	0.02	0.00
00426	MUNSTER COMMUNITY HOSPITAL	001	BOILERHOUSE	19	10300602	#1 STEAM BOILER HUMIDIFER	0.02	0.00
00426	MUNSTER COMMUNITY HOSPITAL	001	BOILERHOUSE	20	10300602	#2 STEAM BOILER HUMIDIFER	0.02	0.00
00426	MUNSTER COMMUNITY HOSPITAL	001	BOILERHOUSE	21	10300602	#1 STEAM BOILER STERILIZR	0.02	0.00
00426	MUNSTER COMMUNITY HOSPITAL	001	BOILERHOUSE	22	10300602	DOMESTIC WATER HEATER SYS	0.02	0.00
00435	PRAXAIR INC	001	HYDROGEN REFORMER #1 SMR1	1	10300799	REFORMER #1	0.07	0.08
00435	PRAXAIR INC	002	HYDROGEN REFORMER #2 SMR2	1	10300799	REFORMER #2	0.06	0.06
00435	PRAXAIR INC	003	HYDROGEN REFORMER #3 SMR3	1	10300799	REFORMER #3 COMBUSTION	0.15	0.16
00435	PRAXAIR INC	004	AUXILIARY BOILER #3	1	10300602	AUXILIARY BOILER #3	0.01	0.01
00448	IRONSIDE ENERGY, LLC	001	AUXILIARY BOILER	1	10200601	AUXILIARY BOILER - NG	0.02	0.02
00448	IRONSIDE ENERGY, LLC	001	AUXILIARY BOILER	2	10200704	AUXILIARY BOILER - BFG	1.22	0.92
00449	WHITING CLEAN ENERGY, INC.	001	UNIT 1	1	20100201	COMBUSTION TURBINE 1	0.73	0.88
00449	WHITING CLEAN ENERGY, INC.	001	UNIT 1	2	20100201	DUCT BURNER 1	0.02	0.02
00449	WHITING CLEAN ENERGY, INC.	002	UNIT 2	1	20100201	COMBUSTION TURBINE 2	0.87	1.04
00449	WHITING CLEAN ENERGY, INC.	002	UNIT 2	2	20100201	DUCT BURNER 2	0.03	0.04
00456	LLOYD'S MOBILE GASOLINE STATION	001	OXIDIZER	1	39001089	CATALYTIC OXIDIZER	0.08	0.09
00458	LAFARGE NORTH AMERICA	001	SLAG GRANULATION	1	30300808	GRANULATOR	28.39	33.90
00458	LAFARGE NORTH AMERICA	002	SLAG PELLETIZER	1	30300808	PELLETIZER	0.41	0.50
00458	LAFARGE NORTH AMERICA	003	AIR COOLED SLAG	1	30300808	AIR COOLED SLAG	68.67	82.00
00464	NIPSCO NORTH HAYDEN PIPELINE HEATER	001	PIPELINE HEATER	1	39000689	PIPELINE HEATER	0.01	0.01
00465	FRITZ ENTERPRISES INC.	002	DIESEL ENGINE CAT 3512	1	20300101	DIESEL ENGINE	0.57	0.91
03215	WALSH & KELLY INC.:GRIFFITH PLANT	001	ASPHALT PLANT & HEATER	2	39000689	PROCESS HEATER:NAT GAS	0.03	0.04
03226	RIETH-RILEY3226 ASPHALT PLANT #367	001	PAVING MAT'L PRODUCTION	9	10100601	DRYER BURNER	0.03	0.04
						TOTALS	35957.29	43567.59