



TO: Interested Parties / Applicant

RE: Reith-Riley Construction Co., Inc. / 097-23521-00088

FROM: Felicia A. Robinson
Administrator

Notice of Decision: Approval - Effective Immediately

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to IC 13-17-3-4 and 326 IAC 2, this approval is effective immediately, unless a petition for stay of effectiveness is filed and granted, and may be revoked or modified in accordance with the provisions of IC 13-15-7-1.

If you wish to challenge this decision, IC 4-21.5-3-7 and IC 13-15-7-3 require that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204, **within fifteen (15) calendar days of the receipt of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for considerations at any hearing; and
- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Indianapolis Office of Environmental Services, Air Permits at (317) 327-2234.

Enclosures



Air Quality Hotline: 317-327-4AIR | knozone.com

Department of Public Works
Office of Environmental Services

2700 Belmont Avenue
Indianapolis, IN 46221

317-327-2234
Fax 327-2274
TDD 327-5186
indygov.org/dpw

October 2, 2006

Certified Mail 7000 0600 0023 5186 5768



Edward Clements, Environmental Engineer
Rieth Riley Construction Co., Inc.
PO Box 477
Goshen, IN 46527

Re: First Minor Permit Revision (097-23521-00088) to
FESOP (097-14764-00088)

Dear Mr. Clements:

Rieth Riley Construction Co., Inc. was issued a Federally Enforceable State Operating Permit (FESOP) permit on September 27, 2002 for a stationary hot drum-mix asphalt plant. This permit was subsequently revised through a Significant Permit Revision (097-16771-00088) on March 10, 2003, a First Administrative Amendment (097-18796-00088) on June 15, 2004, and a Second Administrative Amendment (097-21775-00088) on January 11, 2006.

Applications were received on May 30, 2006 and July 26, 2006 notifying the City of Indianapolis Office of Environmental Services (OES) of the following changes at the source:

- (a) The 2.8 MMBtu per hour hot oil heater previously listed in the permit was replaced on April 5, 2006 with a new 2.2 MMBtu per hour hot oil heater;
- (b) Three 10,000-gallon, single walled fuel storage tanks have been removed and replaced with three 10,000-gallon, double walled fuel storage tanks;
- (c) The source intends to add a 15,000 gallon asphalt storage tank with an associated 1.5 MMBtu burner (AC tank burner burning No. 2 fuel oil and natural gas).

Pursuant to the provisions of 326 IAC 2-8-11.1(d)(5), revisions for which the potential to emit is limited through limiting individual fuel usage and fuel type for a combustion source are minor permit revisions. The fuel usage for the Hot Oil Heater and AC Tank Heater is limited such that 326 IAC 2-7 does not apply. Changes made to the permit are outlined in the Technical Support Document. All other conditions of the permit shall remain unchanged and in effect. Please find attached a copy of the revised permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Amanda Hennessy at (317)327-2176 or ahenness@indygov.org.

Sincerely,

Original Signed by

Felicia A. Robinson
Administrator

Enclosure: Revised Permit, Technical Support Document and Calculations
Notice of Decision

FAR/ajh

cc: Files
Permits – Amanda Hennessy
Compliance - Matt Mosier
U.S. EPA, Region V
Mindy Hahn, IDEM OAQ
Marion County Health Department



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Department of Public Works
Office of Environmental Services

2700 Belmont Avenue
Indianapolis, IN 46221

317-327-2234
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TDD 327-5186
indygov.org/dpw



**FEDERALLY ENFORCEABLE
 STATE OPERATING PERMIT (FESOP)
 INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF AIR QUALITY
 and
 CITY OF INDIANAPOLIS
 OFFICE OF ENVIRONMENTAL SERVICES**

**Rieth-Riley Construction Co., Inc.
 2605 South Kentucky Avenue
 Indianapolis, Indiana 46241**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

Indiana statutes from IC 13 and rules from 326 IAC, quoted in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a FESOP under 326 IAC 2-8.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-8 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: F097-14764-00088	
Issued by:	Issuance Date: September 27, 2002
ORIGINALLY SIGNED BY	Expiration Date: September 26, 2007
John B. Chavez, Administrator Office of Environmental Services	

First Significant Permit Revision 097-16771-00088 issued on March 10, 2003
 First Administrative Amendment 097-18796-00088 issued on June 15, 2004
 Second Administrative Amendment 097-21775-00088 issued on January 11, 2006

First Minor Permit Revision no. : 097-23521-00088	Conditions Affected: A.2, A.3, B.1, B.2, B.3, B.8, B.12, B.14, B.17, B.19, D.1 Facility Descriptions, D.1.4, D.1.17, D.1.18, D.2 Facility Descriptions, and D.2.2
Issued by:	Issuance Date: October 2, 2006
Original Signed by	Expiration Date: September 26, 2007
Felicia A. Robinson, Administrator Office of Environmental Services	



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**Department of Public Works
 Office of Environmental Services**

2700 Belmont Avenue
 Indianapolis, IN 46221

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SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) and the City of Indianapolis Office of Environmental Services (OES). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-8-3(b)]

The Permittee owns and operates a stationary hot drum-mix asphalt plant with a maximum capacity of 425 tons per hour.

Authorized Individual: Environmental Engineer
Source Address: 2605 South Kentucky Avenue, Indianapolis, Indiana 46241
Mailing Address: P.O. Box 477, Goshen, Indiana 46527-0477
SIC Code: 2951
Source Location Status: Marion
County Status: Basic nonattainment for ozone 8-hr standard, and PM-2.5; Attainment for all other criteria pollutants;
Source Status: Federally Enforceable State Operating Permit (FESOP)
Minor Source, under PSD and Emission Offset Rules;
Minor Source, Section 112 of Clean Air Act

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

This stationary source consists of the following emission units and pollution control devices:

- (a) One (1) Batch Mixer (unit ID 2), 400 tons per hour maximum rated capacity, and one (1) 150 million Btu per hour Aggregate Dryer. The primary fuel source is No. 4 waste oil with natural gas, No. 2 oil, No. 4 oil, and propane as backup. Particulate emissions are controlled by one (1) baghouse, blower rated at 70,000 acfm and exhausting at stack .1 The Batch Mixer was installed in 1997.
- (b) One (1) Hot Oil Heater, 2.2 million Btu per hour maximum rated capacity burning No. 2 oil and natural gas. The Hot Oil Heater exhausts at stack 2. The unit was installed in 2006.

A.3 Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-8-3(c)(3)(I)]

This stationary source also includes the following insignificant activities, as defined in 326 IAC 2-7-1(21):

- (a) One (1) 25,000 gallon VOL Storage Tank, maximum true vapor pressure less than 15.0 kPa. This unit was installed in 1983.
- (b) One (1) 20,000 gallon VOL Storage Tank, maximum true vapor pressure less than 15.0 kPa. This unit was installed in 1996.
- (c) One (1) 15,000 gallon VOL Storage Tank, maximum true vapor pressure less than 15.0 kPa. This unit was installed in 1983.
- (d) Three (3) 10,000 gallon double walled VOL Storage Tanks, installed in 2006.

- (e) Petroleum fuel (excluding gasoline) dispensing facilities having storage capacities less than or equal to 10,500 gallons and dispensing less than or equal to 230,000 gallons per month;
- (f) Vessels storing lubricating oils, hydraulic oils, machining oils, and machining fluids;
- (g) Vehicle travel on paved roads, unpaved roads, and parking lots;
- (h) Aggregate stockpiles;
- (i) Conveying, transferring, and transportation of aggregates by vehicles;
- (j) Loading and unloading of material.
- (k) One (1) 15,000 gallon asphalt storage tank, installed in 2006.
- (l) One (1) AC tank burner with a maximum capacity of 1.5 MMBtu per hour burning natural gas and No. 2 fuel oil constructed in 2006.

A.4 FESOP Applicability [326 IAC 2-8-2]

This stationary source, otherwise required to have a Part 70 permit as described in 326 IAC 2-7-2(a), has applied to the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) and the City of Indianapolis Office of Environmental Services (OES) to renew a Federally Enforceable State Operating Permit (FESOP).

SECTION B GENERAL CONDITIONS

B.1 Definitions [326 IAC 2-8-1]

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations (IC 13-11, 326 IAC 1-2, and 326 IAC 2-7) shall prevail.

B.2 Permit Term [326 IAC 2-8-4(2)] [326 IAC 2-1.1-9.5] [IC 13-15-3-6(a)]

- (a) This permit, 097-14764-00088, is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date.
- (b) If IDEM, OAQ and OES, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, until the renewal permit has been issued or denied.

B.3 Term of Conditions [326 IAC 2-1.1-9.5]

Notwithstanding the permit term of a permit to construct, a permit to operate, or a permit modification, any condition established in a permit issued pursuant to a permitting program approved in the state implementation plan shall remain in effect until:

- (a) the condition is modified in a subsequent permit action pursuant to Title I of the Clean Air Act; or
- (b) the emission unit to which the condition pertains permanently ceases operation.

B.4 Enforceability [326 IAC 2-8-6]

- (a) Unless otherwise stated, all terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by IDEM and OES, the United States Environmental Protection Agency (U.S. EPA) and by citizens in accordance with the Clean Air Act.
- (b) Unless otherwise stated, all terms and conditions in this permit that are local requirements, including any provisions designed to limit the source's potential to emit, are enforceable by OES.

B.5 Termination of Right to Operate [326 IAC 2-8-9] [326 IAC 2-8-3(h)]

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-8-3(h) and 326 IAC 2-8-9.

B.6 Severability [326 IAC 2-8-4(4)]

The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.

B.7 Property Rights or Exclusive Privilege [326 IAC 2-8-4(5)(D)]

This permit does not convey any property rights of any sort, or any exclusive privilege.

B.8 Duty to Provide Information [326 IAC 2-8-4(5)(E)]

- (a) The Permittee shall furnish to IDEM, OAQ, and OES within a reasonable time, any information that IDEM, OAQ, and/or OES may request in writing to determine whether

cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1). Upon request, the Permittee shall also furnish to IDEM, OAQ and OES copies of records required to be kept by this permit.

- (b) For information furnished by the Permittee to IDEM, OAQ and OES, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

B.9 Compliance Order Issuance [326 IAC 2-8-5(b)]

IDEM, OAQ and/or OES may issue a compliance order to this Permittee upon discovery that this permit is in nonconformance with an applicable requirement. The order may require immediate compliance or contain a schedule for expeditious compliance with the applicable requirement.

B.10 Compliance with Permit Conditions [326 IAC 2-8-4(5)(A)] [326 IAC 2-8-4(5)(B)]

- (a) The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for:
 - (1) Enforcement action;
 - (2) Permit termination, revocation and reissuance, or modification; and
 - (3) Denial of a permit renewal application.
- (b) It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
- (c) An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in condition B, Emergency Provisions.

B.11 Certification [326 IAC 2-8-3(d)] [326 IAC 2-8-4(3)(C)(i)] [326 IAC 2-8-5(1)]

- (a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by an authorized individual of truth, accuracy, and completeness. This certification, shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification.
- (c) An authorized individual is defined at 326 IAC 2-1.1-1(1).

B.12 Annual Compliance Certification [326 IAC 2-8-5(a)(1)]

- (a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. All certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted no later than April 15 of each year to:

Indiana Department of Environmental Management
Office of Air Quality, Compliance Branch
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

and

City of Indianapolis
Office of Environmental Services
Air Compliance
2700 South Belmont Avenue
Indianapolis Indiana 46221

- (b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, and/or OES on or before the date it is due.
- (c) The annual compliance certification report shall include the following:
- (1) The appropriate identification of each term or condition of this permit that is the basis of the certification;
 - (2) The compliance status;
 - (3) Whether compliance was continuous or intermittent;
 - (4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-8-4(3); and
 - (5) Such other facts as specified in Sections D of this permit, IDEM, OAQ, and/or OES may require to determine the compliance status of the source.

The notification which shall be submitted by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

B.13 Preventive Maintenance Plan [326 IAC 1-6-3] [326 IAC 2-8-4(9)] [326 IAC 2-8-5(a)(1)]

- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall maintain and implement Preventive Maintenance Plans (PMPs), including the following information on each facility:
- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.
- (b) The Permittee shall implement the PMPs as necessary to ensure that failure to implement a PMP does not cause or contribute to a violation of any limitation on emissions or potential to emit.

- (c) A copy of the PMPs shall be submitted to IDEM, OAQ and/or OES upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ and/or OES. IDEM, OAQ and/or OES may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or contributes to any violation. The PMP does not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (d) Records of preventive maintenance shall be retained for a period of at least five (5) years. These records shall be kept at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner or OES makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner and/or OES within a reasonable time.

B.14 Emergency Provisions [326 IAC 2-8-12]

- (a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation, except as provided in 326 IAC 2-8-12.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describes the following:
 - (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
 - (2) The permitted facility was at the time being properly operated;
 - (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
 - (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ or OES, within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

IDEM, OAQ

Telephone No.: 1-800-451-6027 (ask for Office of Air Quality, Compliance Branch) or,
Telephone No.: 317-233-0178 (ask for Compliance Branch)
Facsimile No.: 317-233-6865

OES

Telephone No.: 317/327-2234
Facsimile No.: 317/327-2274

Failure to notify IDEM, OAQ or OES, by telephone or facsimile within four (4) daytime business hours after the beginning of the emergency, or after the emergency is discovered or reasonably should have been discovered, shall constitute a violation of 326 IAC 2-8 and any other applicable rules. [326 IAC 2-8-12(f)]

- (5) For each emergency lasting one (1) hour or more, the Permittee submitted the attached Emergency Occurrence Report Form or its equivalent, either by mail or facsimile to:

Indiana Department of Environmental Management
Office of Air Quality, Compliance Branch
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

and

City of Indianapolis
Office of Environmental Services
Air Compliance
2700 South Belmont Avenue
Indianapolis Indiana 46221

within two (2) working days of the time when emission limitations were exceeded due to the emergency.

The notice fulfills the requirement of 326 IAC 2-8-4(3)(C)(ii) and must contain the following:

- (A) A description of the emergency;
- (B) Any steps taken to mitigate the emissions; and
- (C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (6) The Permittee immediately took all reasonable steps to correct the emergency.
- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
 - (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
 - (e) IDEM, OAQ and/or OES may require that the Preventive Maintenance Plans required under 326 IAC 2-8-3(c)(6) be revised in response to an emergency.
 - (f) Failure to notify IDEM, OAQ or OES by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-8 and any other applicable rules.
 - (g) Operations may continue during an emergency only if the following conditions are met:
 - (1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.

- (2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:
- (A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and
 - (B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw material of substantial economic value.

Any operations shall continue no longer than the minimum time required to prevent the situations identified in (g)(2)(B) of this condition.

B.15 Deviations from Permit Requirements and Conditions [326 IAC 2-8-4(3)(C)(ii)]

- (a) Deviations from any permit requirements (for emergencies see Section B - Emergency Provision), the probable cause of such deviations, and any response steps or preventive measures taken shall be reported to:

Indiana Department of Environmental Management
Office of Air Quality, Compliance Branch
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

and

City of Indianapolis
Office of Environmental Services
Air Compliance
2700 South Belmont Avenue
Indianapolis Indiana 46221

using the attached Quarterly Deviation and Compliance Monitoring Report, or its equivalent. A deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report.

The Quarterly Deviation and Compliance Monitoring Report does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.
- (c) Emergencies shall be included in the Quarterly Deviation and Compliance Monitoring Report.

B.16 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-8-4(5)(C)]
[326 IAC 2-8-7(a)] [326 IAC 2-8-8]

- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a FESOP modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-8-4(5)(C)] The notification by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ or OES determines any of the following:
 - (1) That this permit contains a material mistake.
 - (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
 - (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-8-8(a)]
- (c) Proceedings by IDEM, OAQ and/or OES to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-8-8(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-8-8(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ or OES at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ or OES may provide a shorter time period in the case of an emergency. [326 IAC 2-8-8(c)]

B.17 Permit Renewal [326 IAC 2-8-3(h)]

- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and/or OES and shall include the information specified in 326 IAC 2-8-3. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40). The renewal application does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Office of Air Quality, Permits Branch
100 North Senate Avenue
Indianapolis, IN 46204-2251

and

City of Indianapolis
Office of Environmental Services
Air Permits
2700 South Belmont Avenue
Indianapolis Indiana 46221

- (b) A timely renewal application is one that is:
 - (1) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
 - (2) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the

document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ and/or OES on or before the date it is due.

- (c) If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-8 until IDEM, OAQ and/or OES takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ and OES any additional information identified as needed to process the application.

B.18 Permit Amendment or Revision [326 IAC 2-8-10] [326 IAC 2-8-11.1]

- (a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-8-10 or 326 IAC 2-8-11.1 whenever the Permittee seeks to amend or modify this permit.

- (b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management
Office of Air Quality, Permits Branch
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

and

City of Indianapolis
Office of Environmental Services
Air Permits
2700 South Belmont Avenue
Indianapolis Indiana 46221

Any such application should be certified by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (c) The Permittee may implement the administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]

B.19 Operational Flexibility [326 IAC 2-8-15]

- (a) The Permittee may make any change or changes at this source that are described in 326 IAC 2-8-15(b) through (d), without a prior permit revision, if each of the following conditions is met:

- (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
- (2) Any approval required by 326 IAC 2-8-11.1 has been obtained;
- (3) The changes do not result in emissions which exceed the limitations provided in this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
- (4) The Permittee notifies the:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality

100 North Senate Avenue
Indianapolis, Indiana 46204-2251

and

City of Indianapolis
Office of Environmental Services
Air Compliance
2700 South Belmont Avenue
Indianapolis Indiana 46221

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and

- (5) The Permittee maintains records on-site, on a rolling five (5) year basis, which document all such changes and emission trades that are subject to 326 IAC 2-8-15(b) through (d). The Permittee shall make such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ and OES in the notices specified in 326 IAC 2-8-15(b), (c)(1), and (d).

- (b) The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-8-15(a) and the following additional conditions:

- (1) A brief description of the change within the source;
- (2) The date on which the change will occur;
- (3) Any change in emissions; and
- (4) Any permit term or condition that is no longer applicable as a result of the change.

The notification which shall be submitted by the Permittee does not require the certification by the Authorized individual@ as defined by 326 IAC 2-1.1-1.

- (c) Emission Trades [326 IAC 2-8-15(c)]
The Permittee may trade emissions increases and decreases at the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-8-15(c).
- (d) Alternative Operating Scenarios [326 IAC 2-8-15(d)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-8-4(7). No prior notification of IDEM, OAQ or U.S. EPA is required.

- (e) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.

B.20 Permit Revision Requirement [326 IAC 2-8-11.1]

A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2 and 326 IAC 2-8-11.1.

B.21 Inspection and Entry [326 IAC 2-8-5(a)(2)] [IC 13-14-2-2]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee's right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as such, the Permittee shall allow IDEM, OAQ and/or OES, U.S. EPA, or an authorized representative to perform the following:

- (a) Enter upon the Permittee's premises where a FESOP source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

B.22 Transfer of Ownership or Operational Control [326 IAC 2-8-10]

- (a) The Permittee must comply with the requirements of 326 IAC 2-8-10 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.
- (b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

Indiana Department of Environmental Management
Office of Air Quality, Permits Branch
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

and

City of Indianapolis
Office of Environmental Services

Air Permits
2700 South Belmont Avenue
Indianapolis Indiana 46221

The application which shall be submitted by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-11(b)(3)]

B.23 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-8-4(6)] [326 IAC 2-8-16]

- (a) The Permittee shall pay annual fees to IDEM, OAQ, within thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ the applicable fee is due April 1 of each year.
- (b) Failure to pay may result in administrative enforcement action, or revocation of this permit.
- (c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-0420 (ask for OAQ, Billing, Licensing and Training (BLT) Section), to determine the appropriate permit fee.

B.24 Prior Permit Superseded [326 IAC 2-1.1-9.5]

- (a) All terms and conditions of previous permits established prior to F097-14764-00088 and issued pursuant to permitting programs approved into the state implementation plan have been either
 - (1) incorporated as originally stated,
 - (2) revised, or
 - (3) deletedby this permit.
- (b) All previous registrations and permits are superseded by this permit.

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

Emissions Limitations and Standards [326 IAC 2-8-4(1)]

C.1 Overall Source Limit [326 IAC 2-8]

The purpose of this permit is to limit this source's potential to emit to less than major source levels for the purpose of Section 502(a) of the Clean Air Act.

- (a) Pursuant to 326 IAC 2-8:
- (1) The potential to emit any regulated pollutant, except particulate matter (PM), from the entire source shall be limited to less than one-hundred (100) tons per twelve (12) consecutive month period. This limitation shall also make the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable.
 - (2) The potential to emit any individual hazardous air pollutant (HAP) from the entire source shall be limited to less than ten (10) tons per twelve (12) consecutive month period; and
 - (3) The potential to emit any combination of HAPs from the entire source shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period.
- (b) This condition shall include all emission points at this source including those that are insignificant as defined in 326 IAC 2-7-1(21). The source shall be allowed to add insignificant activities not already listed in this permit, provided that the source's potential to emit does not exceed the above specified limits.
- (c) Section D of this permit contains independently enforceable provisions to satisfy this requirement.

C.2 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

- (a) Opacity shall not exceed an average of thirty percent (30%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

C.3 Open Burning [326 IAC 4-1] [IC 13-17-9]

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1.

C.4 Incineration [326 IAC 4-2] [326 IAC 9-1-2(3)]

The Permittee shall not operate an incinerator or incinerate any waste or refuse except as provided in 326 IAC 4-2 and in 326 IAC 9-1-2.

C.5 Fugitive Dust Emissions [326 IAC 6-4]

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions).

C.6 Fugitive Particulate Matter Emission Limitations [326 IAC 6-5]

Pursuant to 326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations), fugitive particulate matter emissions shall be controlled according to the plan submitted on March 19, 1996. The plan is included as Attachment A.

C.7 Operation of Equipment [326 IAC 2-8-5(a)(4)]

Except as otherwise provided by statute, rule or in this permit, all air pollution control equipment listed in this permit and used to comply with an applicable requirement shall be operated at all times that the emission units vented to the control equipment are in operation.

C.8 Stack Height [326 IAC 1-7]

The Permittee shall comply with the applicable provisions of 326 IAC 1-7 (Stack Height Provisions), for all exhaust stacks through which a potential (before controls) of twenty-five (25) tons per year or more of particulate matter or sulfur dioxide is emitted.

C.9 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

- (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.
- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:
 - (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
 - (2) If there is a change in the following:
 - (A) Asbestos removal or demolition start date;
 - (B) Removal or demolition contractor; or
 - (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Office of Air Quality, Asbestos Section
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

and

City of Indianapolis
Office of Environmental Services
Enforcement Section
2700 South Belmont Avenue
Indianapolis Indiana 46221

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (e) **Procedures for Asbestos Emission Control**
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-4 emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.
- (f) **Indiana Accredited Asbestos Inspector**
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement that the inspector be accredited is federally enforceable.

Testing Requirements [326 IAC 2-8-4(3)]

C.10 Performance Testing [326 IAC 3-6]

- (a) All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing any applicable procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures approved by IDEM, OAQ.

A test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management
Office of Air Quality, Compliance Branch
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

and

City of Indianapolis
Office of Environmental Services
Air Compliance
2700 South Belmont Avenue
Indianapolis Indiana 46221

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ and/or OES not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ, if the source submits to IDEM, OAQ, a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

C.11 Compliance Requirements [326 IAC 2-1.1-11]

The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U. S. EPA.

Compliance Monitoring Requirements [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]

C.12 Compliance Monitoring [326 IAC 2-8-4(3)] [326 IAC 2-8-5(a)(1)]

Unless otherwise specified in this permit, all monitoring and record keeping requirements not already legally required shall be implemented upon issuance of this permit. If required by Section D, the Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment.

Unless otherwise specified in the approval for the new emissions unit, compliance monitoring for new emission units or emission units added through a permit revision shall be implemented when operation begins.

C.13 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]

Any monitoring or testing performed required by Section D of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, 40 CFR 60 Appendix B, 40 CFR 63 or other approved methods as specified in this permit.

C.14 Pressure Gauge and Other Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-8-4(3)] [326 IAC 2-8-5(1)]

- (a) Whenever a condition in this permit requires the measurement of pressure drop across any part of the unit or its control device, the gauge employed shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent (" 2%) of full scale reading.
- (b) Whenever a condition in this permit requires the measurement of a pressure drop, the instrument employed shall have a scale such that the expected normal reading shall be no

less than twenty percent (20%) of full scale and be accurate within plus or minus two percent (± 2%) of full scale reading.

- (c) The Permittee may request the IDEM, OAQ approve the use of a pressure gauge or other instrument that does not meet the above specifications provided the Permittee can demonstrate an alternative pressure gauge or other instrument specification will adequately ensure compliance with permit conditions requiring the measurement of pressure drop or other parameters.

Corrective Actions and Response Steps [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]

C.15 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

Pursuant to 326 IAC 1-5-2 (Emergency Reduction Plans; Submission):

- (a) The Permittee prepared and submitted written emergency reduction plans (ERPs) consistent with safe operating procedures on February 20, 1990.
- (b) Upon direct notification by IDEM, OAQ and/or OES that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

C.16 Risk Management Plan [326 IAC 2-8-4] [40 CFR 68.215]

If a regulated substance, subject to 40 CFR 68, is present at a source in more than a threshold quantity, 40 CFR 68 is an applicable requirement and the Permittee shall submit:

- (a) A compliance schedule for meeting the requirements of 40 CFR 68; or
- (b) As a part of the annual compliance certification submitted under 326 IAC 2-7-6(5), a certification statement that the source is in compliance with all the requirements of 40 CFR 68, including the registration and submission of a Risk Management Plan (RMP); and

All documents submitted pursuant to this condition shall include the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

C.17 Compliance Response Plan - Preparation, Implementation, Records and Reports [326 IAC 2-7-5] [326 IAC 2-7-6]

- (a) The Permittee is required to prepare a Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. A CRP shall be submitted to IDEM, OAQ, and OES upon request. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee, supplemented from time to time by the Permittee, maintained on site, and comprised of:
 - (1) Reasonable response steps that may be implemented in the event that a response step is needed pursuant to the requirements of Section D of this permit; and an expected time frame for taking reasonable response steps.
 - (2) If, at any time, the Permittee takes reasonable response steps that are not set forth in the Permittee's current Compliance Response Plan and the Permittee documents such response in accordance with subsection (e) below, the Permittee shall amend its Compliance Response Plan to include such response steps taken.
- (b) For each compliance monitoring condition of this permit, reasonable response steps shall be taken when indicated by the provisions of that compliance monitoring condition as follows:

- (1) Reasonable response steps shall be taken as set forth in the Permittee's current Compliance Response Plan; or
 - (2) If none of the reasonable response steps listed in the Compliance Response Plan is applicable or responsive to the excursion, the Permittee shall devise and implement additional response steps as expeditiously as practical. Taking such additional response steps shall not be considered a deviation from this permit so long as the Permittee documents such response steps in accordance with this condition.
 - (3) If the Permittee determines that additional response steps would necessitate that the emissions unit or control device be shut down, the IDEM, OAQ shall be promptly notified of the expected date of the shut down, the status of the applicable compliance monitoring parameter with respect to normal, and the results of the actions taken up to the time of notification.
 - (4) Failure to take reasonable response steps shall constitute a violation of the permit.
- (c) The Permittee is not required to take any further response steps for any of the following reasons:
- (1) A false reading occurs due to the malfunction of the monitoring equipment and prompt action was taken to correct the monitoring equipment.
 - (2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for an administrative amendment to the permit, and such request has not been denied.
 - (3) An automatic measurement was taken when the process was not operating.
 - (4) The process has already returned or is returning to operating within Anormal@ parameters and no response steps are required.
- (d) When implementing reasonable steps in response to a compliance monitoring condition, if the Permittee determines that an exceedance of an emission limitation has occurred, the Permittee shall report such deviations pursuant to Section B-Deviations from Permit Requirements and Conditions.
- (e) The Permittee shall record all instances when response steps are taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.
- (f) Except as otherwise provided by a rule or provided specifically in Section D, all monitoring as required in Section D shall be performed when the emission unit is operating, except for time necessary to perform quality assurance and maintenance activities.

C.18 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-8-4] [326 IAC 2-8-5]

- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.

- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.
- (c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

The documents submitted pursuant to this condition do require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]

C.19 General Record Keeping Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-5]

- (a) Records of all required data, reports and support information shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be kept at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner or OES makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner or OES within a reasonable time.
- (b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

C.20 General Reporting Requirements [326 IAC 2-8-4(3)(C)] [326 IAC 2-1.1-11]

- (a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality (Compliance Data Section)
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

and

City of Indianapolis
Office of Environmental Services
Air Compliance
2700 South Belmont Avenue
Indianapolis Indiana 46221

- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the

date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ and/or OES on or before the date it is due.

- (d) Unless otherwise specified in this permit, any quarterly report required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. The report does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (e) Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.

Stratospheric Ozone Protection

C.21 Compliance with 40 CFR 82 and 326 IAC 22-1

Pursuant to 40 CFR 82 (Protection of Stratospheric Ozone), Subpart F, except as provided for motor vehicle air conditioners in Subpart B, the Permittee shall comply with the standards for recycling and emissions reduction:

- (a) Persons opening appliances for maintenance, service, repair or disposal must comply with the required practices pursuant to 40 CFR 82.156
- (b) Equipment used during the maintenance, service, repair or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.
- (c) Persons performing maintenance, service, repair or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

SECTION D.1

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]:

- (a) One (1) Batch Mixer (Unit ID 2) with a maximum rated capacity of 400 tons per hour and one (1) 150 million Btu per hour aggregate dryer. The primary fuel to be used is landfill gas, with No. 4 waste oil, No. 2 distillate fuel oil, No. 4 distillate fuel oil, butane, propane and natural gas as backup fuels. Particulate emissions are controlled by one (1) baghouse, blower rated at 70,000 acfm and exhausting at stack 1. The Batch Mixer was installed in 1997.
- (b) One (1) Hot Oil Heater, 2.2 million Btu per hour maximum rated capacity burning No. 2 oil and natural gas. The Hot Oil Heater exhausts at stack 2. The unit was installed in 2006.

Insignificant Activities:

- (l) One (1) AC tank burner with a maximum capacity of 1.5 MMBtu per hour burning natural gas and No. 2 fuel oil constructed in 2006.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-8-4(1)]

D.1.1 Sulfur Dioxide (SO₂) [326 IAC 2-8-4] [326 IAC 2-2] [40 CFR 52.21]

- (a) Pursuant to 326 IAC 2-8-4, the input of residual No. 4 waste oil to the dryer/burner shall be limited to less than 1,262,310 gallons per 365 consecutive day period, with compliance determined on a 365 consecutive day period rolled on a daily basis, which is equivalent to SO₂ emissions of less than 92.8 tons per year. Sulfur content of the residual No. 4 waste oil shall not exceed one percent (1%) sulfur by weight. This limit is structured such that when including the emissions of the insignificant activities, the total source SO₂ emissions remain below one hundred (100) tons per twelve (12) consecutive month period. This renders the requirements of 326 IAC 2-7 (Part 70 Permit Program), 326 2-2 (Prevention of Significant Deterioration), 40 CFR 52.21, and 326 IAC 2-3 (Emission Offset) not applicable.
- (b) For purposes of determining compliance with (a) above based on SO₂ emissions:
 - (1) Each gallon of No. 4 distillate oil shall be equivalent 0.510 gallons of waste oil,
 - (2) Each gallon of No. 2 distillate oil shall be equivalent to: 0.483 gallons of waste oil,
 - (3) Each gallon of propane shall be equivalent to 0.001 gallons of waste oil,
 - (4) Each gallon of butane shall be equivalent to 0.001 gallons of waste oil,
 - (5) Every million cubic feet of natural gas shall be equivalent to 4.081 gallons of waste oil; and
 - (6) Every cubic foot of landfill gas shall be equivalent to 0.0000391 gallons of waste
- (c) Pursuant to 326 IAC 2-8-4, the input of No. 2 fuel oil to the 2.2 Mbtu/hr Hot Oil Heater and AC Tank Burner shall be limited to less than 180,000 gallons per twelve (12) consecutive month period, with compliance determined at the end of each month, which is equivalent to SO₂ emissions of less than 6.39 tons per year. This limit is structured such the total source SO₂ emissions remain below one hundred (100) tons per twelve (12) consecutive month

period. This renders the requirements of 326 IAC 2-7 (Part 70 Permit Program), 326 2-2 (Prevention of Significant Deterioration), and 326 IAC 2-3 (Emission Offset) not applicable.

D.1.2 Sulfur Dioxide Emissions Limitations [326 IAC 7-1.1-2]

Pursuant to 326 IAC 7-1.1-2, sulfur dioxide emissions from the combustion of distillate (No. 2, No. 4) oil shall be limited to 0.5 pounds per million Btu heat input. Pursuant to 326 IAC 7-2-1, compliance shall be demonstrated on a thirty (30) day rolling weighted average.

D.1.3 Nitrogen Oxides (NO_x) [326 IAC 2-8-4] [326 IAC 2-2] [40 CFR 52.21]

(a) Pursuant to 326 IAC 2-8-4 (FESOP), the input of natural gas to the dryer/burner shall be limited to less than 687.57 million cubic feet per 365 consecutive day period, with compliance determined on a 365 consecutive day period rolled on a daily basis, which is equivalent to NO_x emissions of less than 96.3 tons per year. This limit is structured such that when including the emissions of the insignificant activities, the total source NO_x emissions remain below one hundred (100) tons per twelve (12) consecutive month period. This renders the requirements of 326 IAC 2-7 (Part 70 Permit Program), 326 2-2 (Prevention of Significant Deterioration), 40 CFR 52.21, and 326 IAC 2-3 (Emission Offset) not applicable.

(b) For purposes of determining compliance based on NO_x emissions:

- (1) Every 1000 gallons of residual No. 4 waste oil burned shall be equivalent to 0.068 million cubic feet of natural gas,
- (2) Every 1000 gallons of No. 2 distillate oil burned shall be equivalent to 0.086 million cubic feet of natural gas,
- (3) Every 1000 gallons of No. 4 distillate oil burned shall be equivalent to 0.168 million cubic feet of natural gas,
- (4) Every 1000 gallons of butane burned shall be equivalent to 0.075 million cubic feet of natural gas,
- (5) Every 1000 gallons of propane burned shall be equivalent to 0.068 million cubic feet of natural gas; and
- (6) Every cubic foot of landfill gas burned shall be equivalent to 0.000000101 million cubic feet of natural gas.

D.1.4 Particulate Matter (PM) [326 IAC 6.5-1-2] [326 IAC 2-2] [40 CFR 52.21]

Pursuant to 326 IAC 6.5-1-2, particulate matter emissions from the batch mixer, aggregate dryer, AC Tank Heater and the hot oil heater shall not exceed 0.03 grains per dry standard cubic foot each. In order to meet this requirement, the baghouse associated with the batch mixer shall be operated at all times the asphalt plant is in operation. Compliance with this rule renders 326 IAC 2-2 not applicable.

D.1.5 Asphalt Plant [326 IAC 12] [40 CFR 60.90-60.93, NSPS Subpart I]

Pursuant to the New Source Performance Standards, 326 IAC 12 (40 CFR 60.90 to 60 .93, Subpart I):

- (a) Particulate matter emissions from the hot mix asphalt facility shall not exceed 0.04 grains per dry standard cubic foot (gr/dscf). Compliance with 326 IAC 6-1-2(a) will satisfy 326 IAC 12 and 40 CFR 60.92(a)(1), Subpart I.

- (b) The visible emissions from the hot mix asphalt facility shall not exceed twenty percent (20%) opacity.
- (c) Pursuant to 40 CFR 60.7(a), the permittee shall submit to OES/AQM and IDEM/OAQ the following:
 - (1) a notification of the date of construction of the aggregate dryer is commenced postmarked no later than 30 days after such date.
 - (2) a notification of the actual date of initial start up of the aggregate dryer postmarked within 15 days after such date.
 - (3) a notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless that change is specifically exempted under an applicable subpart or in 40 CFR 60.14(e). This notice shall be postmarked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capacity of the facility before and after the change, and the expected completion date of the change. OES/AQM and IDEM/OAQ may request additional relevant information subsequent to this notice.
 - (4) a notification of the anticipated date for conducting the opacity observations required by 40 CFR 60.11(e)(1) of this part. The notification shall also include, if appropriate, a request for OES/AQM and IDEM/OAQ to provide a visible emissions reader during a performance test. The notification shall be postmarked not less than 30 prior to such date.

D.1.6 Particulate matter less than 10 microns (PM-10) [326 IAC 2-8-2] [326 IAC 2-2] [40 CFR 52.21]

- (a) The total asphalt production for this plant shall be limited to 2,487,593 tons per 365 consecutive day period, with compliance determined on a 365 consecutive day period rolled on a daily basis. This production limit is the equivalent of 99.0 tons of PM-10 source wide per year.
- (b) PM-10 emissions from combined process equipment and dryer/burner operations shall be limited to 0.06 pounds per ton (lb/ton). Due to the potential to emit limitations, the Prevention of Significant Deterioration (326 IAC 2-2 and 40 CFR 52.21), Emission Offset (326 IAC 2-3), and Part 70 rules (326 IAC 2-7) are not applicable.

D.1.7 Miscellaneous Operations: Asphalt Paving [326 IAC 8-5-2]

Pursuant to 326 IAC 8-5-2, no person shall cause or allow the use of cutback asphalt or asphalt emulsion containing more than seven (7) percent oil distillate by volume of emulsion of any paving application except:

- (a) Penetrating prime coating;
- (b) Stockpile storage; and
- (c) Application during the months of November, December, January, February, and March.

D.1.8 Volatile Organic Compounds (VOC) [326 IAC 2-8-4] [326 IAC 2-2] [40CFR 52.21]

- (a) Pursuant to 326 IAC 2-8-4, the VOC solvent used as diluent in the liquid binder used in cold mix asphalt production from the plant shall be limited such that no more than ninety-five and three tenths (95.3) tons of VOC emissions emitted per year with compliance determined on

a 365 consecutive day period rolled on a daily basis. This shall be achieved by limiting the total VOC solvent of any one selected binder to not exceed the stated limit in (c) for that binder during the 365 consecutive day period. When more than one binder is used, the formula in (c)(6) must be applied so that the total VOC emitted does not exceed ninety-nine (99.0) tons per year.

- (b) Liquid binders used in the production of cold mix asphalt shall be defined as follows:
- (1) Cut back asphalt rapid cure, containing a maximum of 25.3% of the liquid binder by weight of VOC solvent and 95% by weight of VOC solvent evaporating.
 - (2) Cut back asphalt medium cure, containing a maximum of 28.6% of the liquid binder by weight of VOC solvent and 70% by weight of VOC solvent evaporating.
 - (3) Cut back asphalt slow cure, containing a maximum of 20% of the liquid binder by weight of VOC solvent and 25% by weight of VOC solvent evaporating.
 - (4) Emulsified asphalt with solvent, containing a maximum of 15% of liquid binder by weight of VOC solvent and 46.4% by weight of the VOC solvent in the liquid blend evaporating. The percent oil distillate in emulsified asphalt with solvent liquid, as determined by ASTM, must be 7% or less of the total emulsion by volume.
 - (5) Other asphalt with solvent binder, containing a maximum 25.9% of the liquid binder of VOC solvent and 2.5% by weight of the VOC solvent evaporating.
- (c) The liquid binder used in cold mix asphalt production shall be limited as follows:
- (1) Cutback asphalt rapid cure liquid binder usage shall not exceed 95.3 tons of VOC solvent per year with compliance determined on a 365 consecutive day period, with rolled on a daily basis.
 - (2) Cutback asphalt medium cure liquid binder usage shall not exceed 129.6 tons of VOC solvent per year with compliance determined on a 365 consecutive day period, rolled on a daily basis.
 - (3) Cutback asphalt slow cure liquid binder usage shall not exceed 362.14 tons of VOC solvent per year with compliance determined on a 365 consecutive day period, rolled on a daily basis.
 - (4) Emulsified asphalt with solvent liquid binder usage shall not exceed 194.41 tons of VOC solvent per year with compliance determined on a 365 consecutive day period, rolled on a daily basis.
 - (5) Other asphalt with solvent liquid binder shall not exceed 3621.4 tons of VOC solvent per year with compliance determined on a 365 consecutive day period, rolled on a daily basis.
 - (6) The VOC solvent allotments in subpart (c)(1) through (c)(5) of this condition shall be adjusted when more than one type of binder is used per 365 consecutive day period with compliance determined on a 365 consecutive day period, rolled on a daily basis. In order to determine the tons of VOC emitted per each type of binder, use the following formula and divide the tons of VOC solvent used for each type of binder by the corresponding adjustment ratio listed in the table that follows.

$$\text{Tons of solvent contained in binder} = \text{tons of VOC emitted}$$

Adjustment ratio

Type of Binder	Tons VOC	Adjustment Ratio	Tons VOC Emitted
Cutback Asphalt Rapid Cure		1	
Cutback Asphalt Medium Cure		1.36	
Cutback Asphalt Slow Cure		3.8	
Emulsified Asphalt		2.04	
Other Asphalt		38	

The equivalent total tons of VOC of the combined liquid binders shall be less than ninety-five and three tenths (95.3) tons per year with compliance determined on a 365 consecutive day period rolled on a daily basis. Compliance with this limit will ensure that 326 IAC 2-7 (Part 70 Permit Program), 326 IAC 2-2 (Prevention of Significant Deterioration), and 326 IAC 2-3 (Emission Offset) do not apply.

D.1.9 Preventive Maintenance Plan [326 IAC 2-8-4(9)] [326 IAC 1-6-3]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for the drum/dryer burner and its control device.

D.1.10 Used Oil Requirements [329 IAC 13]

The waste oil burned in the dryer burner shall comply with the used oil requirements specified in 329 IAC 13 (Used Oil Management). Pursuant to 329 IAC 13-3-2 (Used Oil Specifications), used oil burned for energy recovery that is classified as off-specification used oil fuel shall comply with the provisions of 329 IAC 13-8 (Used Oil Burners Who Burn Off-specification Used Oil For Energy Recovery), including:

- (a) Receipt of an EPA identification number as outlined in 329 IAC 13-8-3 (Notification),
- (b) Compliance with the used oil storage requirements specified in 329 IAC 13-8-5 (Used Oil Storage), and
- (c) Maintaining records pursuant to 329 IAC 13-8-6 (Tracking).

The burning of mixtures of used oil and hazardous waste that is regulated under 329 IAC 3.1 is prohibited at this source.

Compliance Determination Requirements

D.1.11 Sulfur Dioxide Emissions and Sulfur Content [326 IAC 3-7-4]

Compliance shall be determined utilizing one of the following options:

- (a) Pursuant to 326 IAC 3-7-4, the Permittee shall demonstrate that the sulfur dioxide emissions do not exceed five-tenths (0.5) pounds per million Btu heat input by:
 - (1) Providing vendor analysis of fuel delivered, if accompanied by a vendor certification;

or

- (2) Analyzing the oil sample to determine the sulfur content of the oil via the procedures in 40 CFR 60, Appendix A, Method 19.
 - (A) Oil samples may be collected from the fuel tank immediately after the fuel tank is filled and before any oil is combusted; and
 - (B) If a partially empty fuel tank is refilled, a new sample and analysis would be required upon filling.
- (b) Compliance may also be determined by conducting a stack test for sulfur dioxide emissions from the two and eight tenths (2.8) MMBtu per hour heater, using 40 CFR 60, Appendix A, Method 6 in accordance with the procedures in 326 IAC 3-6.

A determination of noncompliance pursuant to any of the methods specified in (a) or (b) above shall not be refuted by evidence of compliance pursuant to the other method.

Testing Requirements [326 IAC 2-8-4(3)]

D.1.12 Testing Requirement

Within 60 days after achieving maximum production rate at which the drum mixer and aggregate dryer will be operated, but no later than 180 days after initial start up, the Permittee shall perform a stack test approved by OES and IDEM/OAQ to demonstrate compliance with D.1.4, D.1.5 and D.1.6. Stack test shall include testing for PM and PM10 (filterable and condensable). The stack test methods shall be in accordance with the provisions of 326 IAC 3-2.1 (Source Sampling Procedures).

Compliance Monitoring Requirements [326 IAC 2-8-5(a)(1)]

D.1.13 Parametric Monitoring

The Permittee shall record the total static pressure drop across the baghouse used in conjunction with the dryer burner, at least once per shift when the dryer burner is in operation when venting to the atmosphere. When for any one reading, the pressure drop across the baghouse is outside the normal range of 2.0 and 8.0 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C- Compliance Response Plan - Preparation, Implementation, Records and Reports. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps in accordance with Section C - Compliance Response Plan - Failure to Take Response Steps, shall be considered a violation of this permit.

The instrument used for determining the pressure shall comply with Section C - Pressure Gauge and Other Instruments Specifications, of this permit, shall be subject to approval by IDEM, OAQ, and OES and shall be calibrated at least once every six (6) months.

D.1.14 Baghouse Inspections

An inspection shall be performed each calendar quarter of all bags controlling the dryer burner when venting to the atmosphere. A baghouse inspection shall be performed within three months of redirecting vents to the atmosphere and every three months thereafter. Inspections are optional when venting to the indoors. All defective bags shall be replaced.

D.1.15 Broken or Failed Bag Detection

In the event that bag failure has been observed:

- (a) For multi-compartment units, the affected compartments will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if there are no visible emissions or if the event qualifies as an emergency and the Permittee satisfies

the emergency provisions of this permit (Section B - Emergency Provisions). Within eight (8) business hours of the determination of failure, response steps according to the timetable described in the Compliance Response Plan shall be initiated. For any failure with corresponding response steps and timetable not described in the Compliance Response Plan, response steps shall be devised within eight (8) business hours of discovery of the failure and shall include a timetable for completion. Failure to take response steps in accordance with Section C - Compliance Response Plan -Preparation, Implementation, Records, and Reports, shall be considered a violation of this permit.

- (b) For single compartment baghouses, failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

D.1.16 Visible Emissions Notations

- (a) Visible emission notations of the baghouse stack exhaust, conveyors, and transfer points shall be performed once per shift during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed. Failure to take response steps in accordance with Section C- Compliance Response Plan - Preparation, Implementation, Records and Reports, shall be considered a violation of this permit.

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-16]

D.1.17 Record Keeping Requirements

- (a) To document compliance with Condition D.1.1(a) and (b), the Permittee shall maintain daily records of the input of residual No. 4 waste oil and No. 4 waste oil equivalents to the dryer burner.
- (b) To document compliance with Condition D.1.1(c), the Permittee shall maintain monthly records of the input of No. 2 fuel oil to the Hot Oil Heater and the AC Tank Heater.
- (c) To document compliance with Condition D.1.2, the Permittee shall maintain records in accordance with (1) through (6) below:
 - (1) Calendar dates covered in the compliance determination period;
 - (2) Actual fuel oil usage since last compliance determination period and equivalent sulfur dioxide emissions;

- (3) A certification, signed by the owner or operator, that the records of the fuel supplier certifications represent all of the fuel combusted during the period, the natural gas fired boiler certification does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1); and

If the fuel supplier certification is used to demonstrate compliance the following, as a minimum, shall be maintained:

- (4) Fuel supplier certifications.
- (5) The name of the fuel supplier; and
- (6) A statement from the fuel supplier that certifies the sulfur content of the fuel oil.

The Permittee shall retain records of all recording/monitoring data and support information for a period of five (5) years, or longer if specified elsewhere in this permit, from the date of the monitoring sample, measurement, or report. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit.

- (d) To document compliance with Condition D.1.3, the Permittee shall maintain daily records of the input of natural gas to the dryer burner.
- (e) To document compliance with Condition D.1.6, the Permittee shall maintain records of asphalt production as follows:
 - (1) Amount of asphalt concrete produced each day;
 - (2) Amount of asphalt concrete produced in the last three hundred and sixty-five (365) days.
- (f) To document compliance with Condition D.1.8 Volatile Organic Compounds, VOC records shall document VOC usage as follows:
 - (1) Amount and type of liquid binder used in the production of cold mix asphalt each day.
 - (2) Type and VOC, solvent content by weight of the liquid binder used in the production of cold mix asphalt each day.
 - (3) Amount of VOC, solvent used in the production of cold mix asphalt each day.

Records may include: delivery tickets, manufacturer's data, material safety data sheets (MSDS), and other documents necessary to verify the type and amount used. Test results of ASTM tests for asphalt cutback and asphalt emulsion may be used to document volatilization.

- (g) To document compliance with Condition D.1.13, the Permittee shall maintain records of the total static pressure drop across the baghouse used in conjunction with the dryer burner, at least once per shift when the dryer burner is in operation when venting to the atmosphere.
- (h) To document compliance with Condition D.1.14, the Permittee shall maintain quarterly records of the inspections performed on all bags controlling the dryer burner when venting to the atmosphere.

- (i) To document compliance with Condition D.1.16, the Permittee shall maintain records of visible emission notations of the stack exhaust once per shift.
- (j) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.1.18 Reporting Requirements

- (a) A quarterly summary of the information to document compliance with Conditions D.1.1, D.1.3, D.1.6(a), and D.1.8 shall be submitted to the addresses listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (b) Reports to document compliance with condition D.1.5(c) shall be submitted to the addresses listed in Section C - General Reporting Requirements. The reports submitted by the Permittee do require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

SECTION D.2 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]: Insignificant Activities

- (b) One (1) 20,000 gallon VOL Storage Tank, maximum true vapor pressure less than 15.0 kPa. This unit was installed in 1996.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]

D.2.1 Recordkeeping Requirements [326 IAC 12] [40 CFR Part 60.116b]

- (a) Pursuant to 326 IAC 12 and 40 CFR 60.116b (Subpart Kb), the Permittee shall keep readily accessible records for the life of the source showing:
- (1) the dimension of each storage vessel, and
 - (2) an analysis showing the capacity of the storage vessel
- (b) The Permittee shall notify the Administrator when the maximum true vapor pressure of any VOL stored in these vessels exceeds 27.6 kPa or 4.00 psia.
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
and
CITY OF INDIANAPOLIS
OFFICE OF ENVIRONMENTAL SERVICES**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
CERTIFICATION**

Source Name: Rieth-Riley Construction Co., Inc.
Source Address: 2605 South Kentucky Avenue, Indianapolis, IN 46241
Mailing Address: P.O. Box 477, Goshen, IN 46527-0477
FESOP No.: 097-14764-00088

This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.

Please check what document is being certified:

- Annual Compliance Certification Letter
- Test Result (specify)
- Report (specify)
- Notification (specify)
- Affidavit (specify)
- Other (specify)

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Date:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION**

**100 North Senate Avenue
Indianapolis, Indiana 46204-2251
Phone: 317-233-0178
Fax: 317-233-6865**

**CITY OF INDIANAPOLIS
OFFICE OF ENVIRONMENTAL SERVICES**

**AIR COMPLIANCE
2700 South Belmont Avenue
Indianapolis, Indiana 46221
Phone: 317-327-2234
Fax: 317-327-2274**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
EMERGENCY OCCURRENCE REPORT**

Source Name: Rieth-Riley Construction Co., Inc.
Source Address: 2605 South Kentucky Avenue, Indianapolis, IN 46241
Mailing Address: P.O. Box 477, Goshen, IN 46527-0477
FESOP No.: 097-14764-00088

This form consists of 2 pages

Page 1 of 2

- 9** This is an emergency as defined in 326 IAC 2-7-1(12)
 The Permittee must notify the Office of Air Quality (OAQ), within four (4) business hours (1-800-451-6027 or 317-233-0178, ask for Compliance Section); and
 The Permittee must submit notice in writing or by facsimile within two (2) days (Facsimile Number: 317-233-6865), and follow the other requirements of 326 IAC 2-7-16

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:
Control Equipment:
Permit Condition or Operation Limitation in Permit:
Description of the Emergency:
Describe the cause of the Emergency:

If any of the following are not applicable, mark N/A

Page 2 of 2

Date/Time Emergency started:
Date/Time Emergency was corrected:
Was the facility being properly operated at the time of the emergency? Y N Describe:
Type of Pollutants Emitted: TSP, PM-10, SO ₂ , VOC, NO _x , CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by:

Title / Position:

Date:

Phone:

A certification is not required for this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION
and
CITY OF INDIANAPOLIS
OFFICE OF ENVIRONMENTAL SERVICES**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: Rieth-Riley Construction Co., Inc.
Source Address: 2605 South Kentucky Avenue, Indianapolis, IN 46241
Mailing Address: P.O. Box 477, Goshen, IN 46527-0477
FESOP No.: 097-14764-00088

Months: _____ to _____ Year: _____

Page 1 of 2

This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. A deviation required to be reported pursuant to an applicable requirement that exists independent of the permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD

Permit Requirement (specify permit condition #)

Date of Deviation:

Duration of Deviation:

Number of Deviations:

Probable Cause of Deviation:

Response Steps Taken:

Permit Requirement (specify permit condition #)

Date of Deviation:

Duration of Deviation:

Number of Deviations:

Probable Cause of Deviation:

Response Steps Taken:

Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Form Completed By:

Title/Position:

Date:

Phone:

Attach a signed certification to complete this report.

Indianapolis Office of Environmental Services
Air Compliance
Quarterly Report of 365 consecutive day period, Daily Rolling Total

Company Name: Riebh-Riley Construction Co. Inc.
Location: 2605 South Kentucky Ave., Indianapolis, IN 46241
Permit No: F097-14764-00088
MR: F097-23521-00088
Source/Facility: Batch mixer/dryer burner
Pollutant: Sulfur Dioxides (SO2)

Day	waste oil Usage gals/day	#4 distillate oil Usage gals/day	#2 distillate oil Usage gals/day	propane gas usage gals/day	butane gas usage gals/day	Natural gas Usage MMB cf/day	Landfill gas Usage MMB cf/day	Daily waste oil equivalent (0.510 x #4 distillate oil) (0.483 x #2 distillate oil) (0.001 x propane gas) (0.001 x butane gas) (0.004 x MMBCF nat. gas) (0.0000000391156 x MMBCF landfill gas)	TOTAL waste oil Usage this day gals/day	waste oil usage prior 364 days gals/365 days	waste oil LHM/T gals/365 days	Average heating value (MMBTU/gal)				
												waste oil	#4 dist. oil	#2 dist. oil		
1										1,262,310						
2										1,262,310						
3										1,262,310						
4										1,262,310						
5										1,262,310						
6										1,262,310						
7										1,262,310						
8										1,262,310						
9										1,262,310						
10										1,262,310						
11										1,262,310						
12										1,262,310						
13										1,262,310						
14										1,262,310						
15										1,262,310						

IDEM
and

Indianapolis Office of Environmental Services
Air Compliance
Quarterly Report of
365 consecutive day period, Daily Rolling Total

Company Name: Rieth-Riley Construction Co. Inc.
Location: 2605 South Kentucky Ave., Indianapolis, IN 46241
Permit No: F097-14764-00088
MPR: F097-23521-00088
Source/Facility: Batch mixer/dryer burner
Pollutant: Sulfur Dioxide (SO2)

Month:	Year:	waste oil Usage gals/day	#4 distillate oil Usage gals/day	#2 distillate oil Usage gals/day	propane gas usage gals/day	butane gas usage gals/day	Natural gas Usage MMB cf/day	Landfill gas Usage MMB cf/day	Daily waste oil equivalent (0.510 x #4 distillate oil) (0.483 x #2 distillate oil) (0.001 x propane gas) (0.001 x butane gas) (0.004 x MMCF nat. gas) (0.000000391156 x MMCF landfill gas)	TOTAL waste oil Usage this day gals/day	waste oil usage prior 364 days gals/365 days	waste oil LIMIT gals/365 days	Average sulphur content (%)						
													waste oil	#4 dist. oil	#2 dist. oil	waste oil	#4 dist. oil	#2 dist. oil	
16												1,262,310							
17												1,262,310							
18												1,262,310							
19												1,262,310							
20												1,262,310							
21												1,262,310							
22												1,262,310							
23												1,262,310							
24												1,262,310							
25												1,262,310							
26												1,262,310							
27												1,262,310							
28												1,262,310							
29												1,262,310							
30												1,262,310							
31												1,262,310							

No deviation occurred in this month.
 Deviation/s occurred in this month.
Deviation has been reported on: _____

Submitted by: _____
Title/position: _____
Signature: _____
Phone No.: (574) 875-5183 Ext. 20218
Date: _____

Indianapolis Office of Environmental Services
Air Compliance

Quarterly Report of 365 consecutive day period, Daily Rolling Total

Company Name: Rieth-Riley Construction Co. Inc.
 Location: 2605 South Kentucky Ave., Indianapolis, IN 46241
 Permit No: F097-14764-00088
 MPR: F097-23521-00088
 Source/Facility: Batch mixer/dryer burner
 Pollutant: Nitrogen Oxides (NOx)

Month:	Year:	Daily Natural gas equivalent MMCF							TOTAL Natural gas usage this day MMCF	TOTAL Natural gas usage prior 364 days MMCF/365 days	Natural gas LIMIT MMCF/365 days
Natural gas Usage MMCF/day	Waste oil Usage gals/day	#4 distillate oil usage gals/day	#2 distillate oil Usage gals/day	Butane gas usage gals/day	Propane gas usage gals/day	Landfill gas usage MMCF/day	(0.068 x #4 waste oil usage kgal) (0.168 x #4 distillate oil usage kgal) (0.086 x #2 distillate oil usage kgal) (0.075 x butane usage kgal) (0.068 x propane usage kgal) (0.000000101071 x landfill usage MMCF)				
16										687.57	
17										687.57	
18										687.57	
19										687.57	
20										687.57	
21										687.57	
22										687.57	
23										687.57	
24										687.57	
25										687.57	
26										687.57	
27										687.57	
28										687.57	
29										687.57	
30										687.57	
31										687.57	

Submitted by: _____
 Title/Position: _____
 Signature: _____
 Phone No.: (574) 875-5183 Ext. 20218
 Date: _____

No deviation occurred in this month.
 Deviation/s occurred in this month
 Deviation has been reported on: _____

**IDEM
and**

**Office of Environmental Services
Air Compliance**

Quarterly Report of 365-consecutive day period, Daily Rolling Total

Company Name: Riehl-Riley Construction Co. Inc.
 Location: 2605 South Kentucky Ave, Indianapolis, IN 46241
 Permit No: F097-14764-00088
 MPR: F097-23521-00088
 Source/Facility: Batch mixer/dryer burner
 Pollutant: Particulate Matter (PM10)

Month:	DAY	Amount of asphalt concrete produced this day (tons/day)	Amount of asphalt concrete produced prior 364 days (tons/365 days)	Year:	asphalt concrete production limit (tons/365 days)
	1				2,487,593
	2				2,487,593
	3				2,487,593
	4				2,487,593
	5				2,487,593
	6				2,487,593
	7				2,487,593
	8				2,487,593
	9				2,487,593
	10				2,487,593
	11				2,487,593
	12				2,487,593
	13				2,487,593
	14				2,487,593
	15				2,487,593

IDEM
and
Indianapolis Office of Environmental Services
Air Compliance
Quarterly Report of 365-consecutive day period, Daily Rolling Total

Company Name: **Rieth-Riley Construction Co. Inc.**
 Location: **2605 South Kentucky Ave., Indianapolis, IN 46241**
 Permit No: **F097-14764-00088**
 MPR: **F 097-23521-00088**
 Source/Facility: **Batch mixer/dryer burner**
 Pollutant: **Particulate Matter (PM10)**

Month:	DAY	Amount of asphalt concrete produced this day (tons/day)	Amount of asphalt concrete produced prior 364 days (tons/365 days)	Year:	asphalt concrete production limit (tons/365 days)
	16				2,487,593
	17				2,487,593
	18				2,487,593
	19				2,487,593
	20				2,487,593
	21				2,487,593
	22				2,487,593
	23				2,487,593
	24				2,487,593
	25				2,487,593
	26				2,487,593
	27				2,487,593
	28				2,487,593
	29				2,487,593
	30				2,487,593
	31				2,487,593

Submitted by: _____
 Title/Position: _____
 Signature: _____
 Phone No.: **(574) 875-5183 Ext 20218**
 Date: _____

No deviation occurred in this month.
 Deviation/s occurred in this month
 Deviation has been reported on: _____

**IDEM
and**

**Indianapolis Office of Environmental Services
Air Compliance**

Quarterly Report of 365-consecutive day period, Daily Rolling Total

Company Name: Rieth-Riley Construction Co. Inc.		Location: 2605 South Kentucky Ave, Indianapolis, IN 46241		Permit No: F097-14764-00088		MPR: F097-23521-00088		Source/Facility: Batch mixer/dryer burner		Pollutant: Volatile Organic Compounds (VOC)	
Month:	Year:	Amount of liquid binder used in the production of coldmix cutback asphalt this day (tons/day)	VOC, solvent content by weight of binder used this day (%)	Amount of VOC, solvent used this day (tons/day)	Amount of VOC, solvent used in prior 364 days (tons/365 days)						
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											

Office of Environmental Services
Air Compliance

Quarterly Report of 365-consecutive day period, Daily Rolling Total

Company Name: Rieth-Riley Construction Co. Inc.
 Location: 2605 South Kentucky Ave., Indianapolis, IN 46241
 Permit No: F097-14764-00088
 MPR: F097-23521-00088
 Source/Facility: Batch mixer/dryer burner
 Pollutant: Volatile Organic Compounds (VOC)

Month:	YEAR:				
DAY	Type of liquid binder used this day	Amount of liquid binder used in the production of coldmix cutback asphalt this day (tons/day)	VOC, solvent content by weight of binder used this day (%)	Amount of VOC, solvent used this day (tons/day)	Amount of VOC, solvent used in prior 364 days (tons/365 days)
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					

No deviation occurred in this month.
 Deviations occurred in this month
 Deviation has been reported on: _____

Submitted by: _____
 Title/Position: _____
 Signature: _____
 Phone No.: (574) 875-5183 Ext 20218
 Date: _____

**Indiana Department of Environmental Management
Office of Air Quality
and
Indianapolis Office of Environmental Services**

Technical Support Document (TSD) for a Minor Permit Revision to a
Federally Enforceable State Operating Permit (FESOP)

Source Description and Location

Source Name: Rieth Riley Construction Co., Inc.
Source Location: 2605 South Kentucky Avenue, Indianapolis, Indiana 46241
County: Marion
SIC Code: 2951
Permit Revision No.: 097-23521-00088
Permit Reviewer: Amanda Hennessy

Existing Approvals

The source is operating under the following approvals:

- (a) FESOP Renewal 097-14764-00088 was issued on September 27, 2002;
- (b) First Significant Permit Revision 097-16771-00088 issued on March 10, 2003;
- (c) First Administrative Amendment 097-18796-00088 issued on June 15, 2004;
- (d) Second Administrative Amendment 097-21775-00088 issued on January 11, 2006;

County Attainment Status

The source is located in Marion County.

Pollutant	Status
PM-2.5	nonattainment
PM-10	attainment
SO ₂	maintenance attainment
NO ₂	attainment
8-hour Ozone	basic nonattainment
CO	attainment
Lead	attainment

- (a) Volatile organic compounds (VOC) and nitrogen oxides (NO_x) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NO_x emissions are considered when evaluating the rule applicability relating to the ozone standards. Marion County has been designated as nonattainment for the 8-hour ozone standard. Therefore, VOC and NO_x emissions were reviewed pursuant to the requirements for Emission Offset, 326 IAC 2-3.
- (b) Marion County has been classified as nonattainment for PM_{2.5} in 70 FR 943 dated January 5, 2005. Until U.S. EPA adopts specific New Source Review rules for PM_{2.5} emissions, it has directed states to regulate PM₁₀ emissions as a surrogate for PM_{2.5} emissions pursuant to the requirements of Nonattainment New Source Review, 326 IAC 2-1.1-5.

- (c) Marion County has been classified as attainment or unclassifiable for PM10, SO₂, CO and Lead. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.
- (d) On August 7, 2006, a temporary emergency rule took effect revoking the one-hour ozone standard in Indiana. The Indiana Air Pollution Control Board has approved a permanent rule revision to incorporate this change into 326 IAC 1-4-1. A permanent revision to 326 IAC 1-4-1 will take effect prior to the expiration of the emergency rule.
- (e) Fugitive Emissions
 Since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2-1(w)(1) and since there are applicable New Source Performance Standards that were in effect on August 7, 1980, the fugitive emissions are counted toward determination of PSD and Emission Offset applicability.

Source Status

The table below summarizes the potential to emit of the entire source, prior to the proposed modification, after consideration of all enforceable limits established in the effective permits:

Pollutant	Emissions (tons/year)
PM	139.9
PM10	99.0
SO ₂	99.0
VOC	99.0
CO	29.4
NO _x	99.0

- (a) This existing source is not a major stationary source, under PSD (326 IAC 2-2), because no attainment regulated pollutant is emitted at a rate of 250 tons per year or more, and it is not one of the twenty-eight (28) listed source categories, as specified in 326 IAC 2-2-1(gg)(1).
- (b) This existing source is not a major stationary source under Emission Offset (326 IAC 2-3) and Non-attainment New Source Review because no nonattainment regulated pollutant is emitted at a rate of 100 tons per year or more.
- (c) These emissions are based upon calculations from the First Significant Permit Revision 097-16771-00088 issued on March 10, 2003.

The table below summarizes the potential to emit HAPs for the entire source, prior to the proposed modification, after consideration of all enforceable limits established in the effective permits:

HAPs*	Potential To Emit (tons/year)
Ethyl Benzene	3.85
Formaldehyde	1.3
Toluene	1.75
Hexane	1.8
Lead	4.1
Total Unlimited Combined HAPS	19.6

*Additional single HAPs are emitted at negligible levels. Therefore the single HAPs listed in this table do not sum to the unlimited combined HAPs.

This existing source is not a major source of HAPs, as defined in 40 CFR 63.41, because HAPs emissions are less than ten (10) tons per year for any single HAP and less than twenty-five (25) tons per year of a combination of HAPs. Therefore, this source is an area source under Section 112 of the Clean Air Act (CAA).

Description of Proposed Modification

An application was received on May 30, 2006 notifying the City of Indianapolis Office of Environmental Services (OES) of the following changes at the source:

- (a) The 2.8 MMBtu per hour hot oil heater previously listed in the permit was replaced on April 5, 2006 with a new 2.2 MMBtu per hour hot oil heater; and
- (b) Three 10,000-gallon, single walled fuel storage tanks have been removed and replaced with three 10,000-gallon, double walled fuel storage tanks.

An additional application was received on July 26, 2006, notifying OES of the following proposed change at the source:

- (a) The source intends to add a 15,000 gallon asphalt storage tank with an associated 1.5 MMBtu burner (AC tank burner burning No. 2 fuel oil and natural gas).

The OAQ and OES have reviewed the modification applications, submitted by Rieth Riley Construction Co., Inc. on May 30, 2006 and July 26, 2006. The following is a list of the added emission units:

- (a) One (1) Hot Oil Heater, 2.2 million Btu per hour maximum rated capacity burning No. 2 oil and natural gas. The Hot Oil Heater exhausts at stack 2. The unit was installed in 2006.
- (b) Three (3) 10,000 gallon double walled VOL Storage Tanks, installed in 2006.
- (c) One (1) 15,000 gallon asphalt storage tank, installed in 2006.
- (d) One (1) AC tank burner with a maximum capacity of 1.5 MMBtu per hour burning natural gas and No. 2 fuel oil constructed in 2006.

Enforcement Issues

There are no pending enforcement actions related to this modification.

Emission Calculations

See Appendix A of this document for detailed emission calculations.

Permit Level Determination

Pursuant to 326 IAC 2-1.1-1(16), Potential to Emit is defined as "the maximum capacity of a stationary source or emission unit to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or type or amount of material combusted, stored, or processed shall be treated as part of its design if the limitation is enforceable by the U. S. EPA, IDEM, or the appropriate local air pollution control agency."

The following tables are used to determine the appropriate permit level under 326 IAC 2-8-11.1.

This table reflects the PTE before controls and before enforceable limits. Control equipment is not considered federally enforceable until it has been required in a federally enforceable permit.

Pollutant	Potential To Emit (tons/year)	
	Hot Oil Heater	AC Tank Heater
PM	0.14	0.09
PM10	0.07	0.05
SO ₂	4.89	3.33
VOC	0.05	0.04
CO	0.81	0.55
NO _x	1.65	1.13

This table reflects the PTE after enforceable limits.

Pollutant	Potential To Emit (tons/year)	
	Hot Oil Heater	AC Tank Heater
PM	0.14	0.09
PM10	0.07	0.05
SO ₂	Less than 6.4	
VOC	0.05	0.04
CO	0.81	0.55
NO _x	1.65	1.13

This minor permit modification is subject to 326 IAC 2-8-11.1(d)(5), revisions for which the potential to emit is limited through limiting individual fuel usage and fuel type for a combustion source. The fuel usage for this revision (emission units Hot Oil Heater and AC Tank Heater) is being limited such that 326 IAC 2-7 does not apply. For a discussion of the limit, see the State Rule Applicability Section of this Technical Support Document.

Permit Level Determination – PSD or Emission Offset

The table below summarizes the potential to emit, reflecting all limits, of the emission units. Any control equipment is considered federally enforceable only after issuance of this minor permit revision, and only to the extent that the effect of the control equipment is made practically enforceable in the permit.

Process/Emission Unit	PM	PM10	SO ₂	VOC	CO	NO _x
Hot Oil Heater	0.14	0.07	6.4	0.05	0.81	1.65
AC Tank Heater	0.09	0.05		0.04	0.55	1.13
Total for Modification	0.23	0.12	6.4	0.09	1.36	2.78
Significant Level or Major Source Threshold	250	250/100*	250	100	250	100

* PM10 is being used as a surrogate for PM2.5. Marion County is attainment for PM10, but nonattainment for PM2.5. See discussion below.

This modification to an existing minor stationary source is not major because the emissions increase is less than the PSD major source thresholds. Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply.

This modification to an existing minor stationary source is not major because the emissions increase is less than the Emission Offset major source thresholds. Therefore, pursuant to 326 IAC 2-3, the Emission Offset requirements do not apply.

Marion County has been designated as nonattainment for PM 2.5 in 70 FR 943 dated January 5, 2005. According to the April 5, 2005 EPA memo titled "Implementation of New Source Review Requirements in PM2.5 Nonattainment Areas" authored by Steve Page, Director of OAQPS, until EPA promulgates the PM2.5 major NSR regulations, states should assume that a major stationary source's PM10 emissions represent PM2.5 emissions. IDEM will use the PM10 nonattainment major NSR program as a surrogate to address the requirements of nonattainment major NSR for the PM2.5 NAAQS. A major source in a nonattainment area is a source that emits or has the potential to emit one hundred (100) tons per year of any nonattainment regulated pollutant. Rieth Riley has a limited potential to emit of PM10 below one hundred (100) tons per year. Therefore, assuming that PM10 emissions represent PM2.5 emissions, nonattainment NSR does not apply for PM2.5.

Federal Rule Applicability Determination

The following federal rules are applicable due to this revision:

- (a) There are no New Source Performance Standards (NSPS)(326 IAC 12 and 40 CFR Part 60) included in this revision. The requirements of 40 CFR 60, Subpart I already apply to this source and are already included in the permit. 40 CFR 60, Subpart I applies to each hot mix asphalt facility. Pursuant to 40 CFR 60.90(a), a hot mix asphalt facility is comprised only of any combination of the following: dryers; systems for screening, handling, storing, and weighing hot aggregate; systems for loading, transferring, and storing mineral filler, systems for mixing hot mix asphalt; and the loading, transfer, and storage systems associated with emission control systems.
- (b) There are no National Emission Standards for Hazardous Air Pollutants (NESHAPs) (326 IAC 14, 326 IAC 20 and 40 CFR Part 63) included in this revision.
- (c) Pursuant to 40 CFR 64.2, Compliance Assurance Monitoring (CAM) is applicable to new or modified emission units that involve a pollutant-specific emission unit and meet the following criteria:
 - (1) has a potential to emit before controls equal to or greater than the major source threshold for the pollutant involved;
 - (2) is subject to an emission limitation or standard for that pollutant; and
 - (3) uses a control device, as defined in 40 CFR 64.1, to comply with that emission limitation or standard.

Based on this evaluation, the requirements of 40 CFR Part 64, CAM are not applicable to any of the new units as part of this revision.

State Rule Applicability Determination

The following state rules are applicable to the source due to the revision:

326 IAC 2-2, 2-3, and 2-1.1-5 (PSD, Emission Offset and Nonattainment NSR)

PSD and Emission Offset applicability is discussed under the Permit Level Determination - PSD and Emission Offset section.

326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP))

The potential to emit of HAP from the new units is less than ten (10) tons per year for a single HAP and less than twenty-five (25) tons per year for a combination of HAPs. Therefore, 326 IAC 2-4.1 does not apply.

326 IAC 2-8 (FESOP)

Fuel usage in the two new units is being limited such that 326 IAC 2-7 does not apply. Pursuant to 326 IAC 2-8-4, the input of No. 2 fuel oil to the 2.2 Mbtu/hr Hot Oil Heater and AC Tank Burner shall be limited to less than 180,000 gallons per twelve (12) consecutive month period, with compliance determined at the end of each month, which is equivalent to SO₂ emissions of less than 6.39 tons per year. This limit is structured such that the total source SO₂ emissions remain below one hundred (100) tons per twelve (12) consecutive month period. This renders the requirements of 326 IAC 2-7 (Part 70 Permit Program), 326 2-2 (Prevention of Significant Deterioration), and 326 IAC 2-3 (Emission Offset) not applicable.

These units can also burn natural gas. However, the PTE (at 8760 hours per year) of SO₂ is less than 0.01 tons per year when burning natural gas in these units. Therefore, rather than having fuel equivalencies, the potential to emit of SO₂ when burning natural gas was added to the limited potential to emit when burning No. 2 fuel oil in order to calculate source-wide potential to emit.

326 IAC 6.5-1-2 (Particulate Matter Limitations Except for Lake County)

The units involved in this revision are not specifically listed in 326 IAC 6.5-2 through 326 IAC 6.5-10. However, the source has the potential to emit one hundred (100) tons or more of particulate matter. Therefore, the 2.2 million Btu/hr Hot Oil Heater and AC Tank Heater are subject to the particulate matter emission limitation in 326 IAC 6.5-1-2(a). Pursuant to 326 IAC 6.5-1-2, particulate matter emissions from the hot oil heater and the AC Tank Heater shall not exceed 0.03 grains per dry standard cubic foot each.

Compliance Determination and Monitoring Requirements

Permits issued under 326 IAC 2-7 are required to ensure that sources can demonstrate compliance with all applicable state and federal rules on a continuous basis. All state and federal rules contain compliance provisions, however, these provisions do not always fulfill the requirement for a continuous demonstration. When this occurs IDEM, OAQ and OES, in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-7-5. As a result, Compliance Determination Requirements are included in the permit. The Compliance Determination Requirements in Section D of the permit are those conditions that are found directly within state and federal rules and the violation of which serves as grounds for enforcement action.

If the Compliance Determination Requirements are not sufficient to demonstrate continuous compliance, they will be supplemented with Compliance Monitoring Requirements, also in Section D of the permit. Unlike Compliance Determination Requirements, failure to meet Compliance Monitoring conditions would serve as a trigger for corrective actions and not grounds for enforcement action. However, a violation in relation to a compliance monitoring condition will arise through a source's failure to take the appropriate corrective actions within a specific time period.

There are no compliance monitoring requirements applicable to this revision.

Proposed Changes

The changes listed below have been made to FESOP No. 097-14764-00088. Deleted language appears as ~~struck through~~ and new language appears in **bold**:

- (a) The emission unit description in Condition A.2 and the D.1 Facility Description box for the Hot Oil Heater is being revised to reflect the capacity of the new hot oil heater. In

addition, corrections to the description of unit ID 2 are being made. The Batch Mixer was installed in 1997. The revision approved in 2003 approved the replacement of the 124 million Btu aggregate dryer with a 150 million Btu aggregate dryer. An emission unit description for the AC Tank Heater is being added into Condition A.3 and the D.1 Facility Description box. The emission unit description in Condition A.3 for the three 10,000 gallon tanks is being revised to reflect the new tanks. A new description is being added to Condition A.3 for the new asphalt tank. The new asphalt tank has no new applicable requirements, therefore it is not included in the D.2 Facility Description box.

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

This stationary source consists of the following emission units and pollution control devices:

- (a) One (1) Batch Mixer (unit ID 2), 400 tons per hour maximum rated capacity, and one (1) ~~124~~ **150** million Btu per hour Aggregate Dryer. The primary fuel source is No. 4 waste oil with natural gas, No. 2 oil, No. 4 oil, and propane as backup. Particulate emissions are controlled by one (1) baghouse, blower rated at 70,000 acfm and exhausting at stack .1 The **Batch Mixer** unit was installed in 1997.
- (b) One (1) Hot Oil Heater, ~~2.8~~ **2.2** million Btu per hour maximum rated capacity. ~~The primary fuel sources is burning No. 2 oil with and natural gas, propane, and butane as backup.~~ The Hot Oil Heater exhausts at stack 2. The unit was installed in **2006** ~~1980~~.

A.3 Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-8-3(c)(3)(I)]

This stationary source also includes the following insignificant activities, as defined in 326 IAC 2-7-1(21):

- (d) Three (3) 10,000 gallon **double walled** VOL Storage Tanks, **installed in 2006**. ~~One (1) tank was installed in 1996. Two (2) were installed in 1983.~~
.....
- (k) **One (1) 15,000 gallon asphalt storage tank, installed in 2006.**
- (l) **One (1) AC tank burner with a maximum capacity of 1.5 MMBtu per hour burning natural gas and No. 2 fuel oil constructed in 2006.**

SECTION D.1 CONDITIONS

FACILITY OPERATION

Facility Description [326 IAC 2-8-4(10)]:

(1a) One (1) Batch Mixer (Unit ID 2) with a maximum rated capacity of 400 tons per hour and one (1) 150 million Btu per hour aggregate dryer. The primary fuel to be used is landfill gas, with No. 4 waste oil, No. 2 distillate fuel oil, No. 4 distillate fuel oil, butane, propane and natural gas as backup fuels. Particulate emissions are controlled by one (1) baghouse, blower rated at 70,000 acfm and exhausting at stack 1. The **Batch Mixer** unit was installed in 1997.

(2b) One (1) Hot Oil Heater, ~~2.8~~ **2.2** million Btu per hour maximum rated capacity. ~~The primary fuel sources is burning No. 2 oil with and natural gas, propane, and butane as backup.~~ The Hot Oil Heater exhausts at stack 2. The unit was installed in **2006** ~~1980~~.

Insignificant Activities:

(I) **One (1) AC tank burner with a maximum capacity of 1.5 MMBtu per hour burning natural gas and No. 2 fuel oil constructed in 2006.**

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

SECTION D.2 CONDITIONS

FACILITY OPERATION

Facility Description [326 IAC 2-8-4(10)]: Insignificant Activities

(4b) One (1) 20,000 gallon VOL Storage Tank, maximum true vapor pressure less than 15.0 kPa. This unit was installed in 1996.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

- (b) A fuel usage limit and an associated record keeping requirement are being added to Conditions D.1.1 and D.1.17 to include the fuel limit for SO₂ such that 326 IAC 2-7 remains not applicable to the source. The remaining requirements in Condition D.1.17 have been renumbered.

D.1.1 Sulfur Dioxide (SO₂) [326 IAC 2-8-4] [326 IAC 2-2] [40 CFR 52.21]

- (a) Pursuant to 326 IAC 2-8-4, the input of residual No. 4 waste oil to the dryer/burner shall be limited to less than 1,262,310 gallons per 365 consecutive day period, with compliance determined on a 365 consecutive day period rolled on a daily basis, which is equivalent to SO₂ emissions of less than 92.8 tons per year. Sulfur content of the residual No. 4 waste oil shall not exceed one percent (1%) sulfur by weight. This limit is structured such that when including the emissions of the insignificant activities, the total source SO₂ emissions remain below one hundred (100) tons per twelve (12) consecutive month period. This renders the requirements of 326 IAC 2-7 (Part 70 Permit Program), 326 2-2 (Prevention of Significant Deterioration), 40 CFR 52.21, and 326 IAC 2-3 (Emission Offset) not applicable.

- (b) For purposes of determining compliance **with (a) above** based on SO₂ emissions:
- (1) Each gallon of No. 4 distillate oil shall be equivalent 0.510 gallons of waste oil,
 - (2) Each gallon of No. 2 distillate oil shall be equivalent to: 0.483 gallons of waste oil,
 - (3) Each gallon of propane shall be equivalent to 0.001 gallons of waste oil,
 - (4) Each gallon of butane shall be equivalent to 0.001 gallons of waste oil,
 - (5) Every million cubic feet of natural gas shall be equivalent to 4.081 gallons of waste oil; and
 - (6) Every cubic foot of landfill gas shall be equivalent to 0.0000391 gallons of waste oil
- (c) **Pursuant to 326 IAC 2-8-4, the input of No. 2 fuel oil to the 2.2 Mbtu/hr Hot Oil Heater and AC Tank Burner shall be limited to less than 180,000 gallons per twelve (12) consecutive month period, with compliance determined at the end of each month, which is equivalent to SO₂ emissions of less than 6.39 tons per year. This limit is structured such the total source SO₂ emissions remain below one hundred (100) tons per twelve (12) consecutive month period. This renders the requirements of 326 IAC 2-7 (Part 70 Permit Program), 326 2-2 (Prevention of Significant Deterioration), and 326 IAC 2-3 (Emission Offset) not applicable.**

D.1.17 Record Keeping Requirements

- (a) To document compliance with Condition D.1.1(a) and (b), the Permittee shall maintain daily records of the input of residual No. 4 waste oil **and No. 4 waste oil equivalents** to the dryer burner.
- (b) **To document compliance with Condition D.1.1(c), the Permittee shall maintain daily records of the input of residual No. 2 fuel oil to the Hot Oil Heater and the AC Tank Heater.**
-
- (c) Condition D.1.4 has been revised to reflect rule citation updates and to clarify that the 0.03 grains per dry standard cubic foot limit applies to each unit in Section D.1.

D.1.4 Particulate Matter (PM) [326 IAC ~~6-4-2~~ 6.5-1-2] [326 IAC 2-2] [40 CFR 52.21]

- Pursuant to 326 IAC 6.5-1-2, particulate matter emissions from the ~~asphalt plant~~ **batch mixer, aggregate dryer, AC Tank Heater, and the hot oil heater** shall not exceed 0.030 grains per dry standard cubic foot **each**. In order to meet this requirement, the baghouse **associated with the batch mixer** shall be operated at all times the asphalt plant is in operation. Compliance with this rule renders 326 IAC 2-2 not applicable.
- (d) To clarify that the information required to be submitted in the quarterly summary only needs to include the total asphalt production, Condition D.1.18 has been revised as follows:

D.1.18 Reporting Requirements

- (a) A quarterly summary of the information to document compliance with Conditions D.1.1, D.1.3, D.1.6(a), and D.1.8 shall be submitted to the addresses listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).
-
- (e) Phone numbers for IDEM, OAQ's Compliance Data Section have been updated as shown below in Condition B.14 and on the Emergency Occurrence Report.
- IDEM, OAQ
 Telephone No.: 1-800-451-6027 (ask for Office of Air Quality, Compliance Branch) or,
 Telephone No.: 317-233-~~5674~~ **0178** (ask for Compliance Branch)
 Facsimile No.: 317-233-~~5967~~ **6865**
- (f) IDEM and OES have decided to include the following updates to further address and clarify the permit terms and the terms of the conditions. This includes the relocation of the Permit No Defense condition to the cover page, the addition of the condition Term of Conditions [326 IAC 2-1.1-9.5], the addition of the Quarterly Deviation and Compliance Monitoring Report, and changes to the following conditions: Prior Permits Superseded, Permit Term, Duty to Supplement and Provide Information, Annual Compliance Certification, Permit Renewal, Operational Flexibility, Inspection and Entry, and General Reporting Requirements.

The following statement has been added to the cover page:

Indiana statutes from IC 13 and rules from 326 IAC, quoted in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a FESOP under 326 IAC 2-8.

~~A.5B.24~~ Prior Permit Superseded [326 IAC 2-1.1-9.5]

- (a) All terms and conditions of ~~previous~~ permits **established prior to F097-14764-00088 and** issued pursuant to permitting programs approved into the state implementation plan have been either
- (1) incorporated as originally stated,
 - (2) revised, or
 - (3) deleted
- by this permit.
- (b) All previous registrations and permits are superseded by this permit.

~~B.1~~ Permit No Defense [IC 13]

~~Indiana statutes from IC 13 and rules from 326 IAC, quoted in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a FESOP under 326 IAC 2-8.~~

B.32 Permit Term [326 IAC 2-8-4(2)] [326 IAC 2-1.1-9.5] [IC 13-15-3-6(a)]

- (a) This permit, **097-14764-00088**, is issued for a fixed term of five (5) years from the ~~original~~ **issuance date of this permit**, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date.
- (b) **If IDEM, OAQ and OES, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, until the renewal permit has been issued or denied.**

B.3 Term of Conditions [326 IAC 2-1.1-9.5]

Notwithstanding the permit term of a permit to construct, a permit to operate, or a permit modification, any condition established in a permit issued pursuant to a permitting program approved in the state implementation plan shall remain in effect until:

- (a) **the condition is modified in a subsequent permit action pursuant to Title I of the Clean Air Act; or**
- (b) **the emission unit to which the condition pertains permanently ceases operation.**

B.8 Duty to Supplement and Provide Information [326 IAC 2-8-3(f)] [326 IAC 2-8-4(5)(E)] [326 IAC 2-8-5(a)(4)]

- (a) ~~The Permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to:~~

Indiana Department of Environmental Management

Office of Air Quality, Permits Branch

100 North Senate Avenue

Indianapolis, Indiana 46204-2254

and

City of Indianapolis

Office of Environmental Services

Air Permits

2700 South Belmont Avenue

Indianapolis Indiana 46221

~~The submittal by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

- (b) ~~The Permittee shall furnish to IDEM, OAQ, and OES within a reasonable time, any information that IDEM, OAQ, and/or OES may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1). Upon request, the Permittee shall also furnish to IDEM, OAQ and OES copies of records required to be kept by this permit or, for information claimed to be~~

~~confidential, the Permittee may furnish such records directly to the U. S. EPA along with a claim of confidentiality. [326 IAC 2-8-4(5)(E)]~~

- (eb) **For information furnished by the Permittee to IDEM, OAQ and OES,** ~~the~~ Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

B.12 Annual Compliance Certification [326 IAC 2-8-5(a)(1)]

- (a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. All certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted ~~in letter form~~ no later than April 15 of each year to:

B.17 Permit Renewal [326 IAC 2-8-3(h)]

- (b) ~~Timely Submittal of Permit Renewal [326 IAC 2-8-3]~~

~~(1) A timely renewal application is one that is:~~

~~(A1) Submitted at least nine (9) months prior to the date of the expiration of this permit; and~~

~~(B2) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ and/or OES on or before the date it is due.~~

~~(2) If IDEM, OAQ and/or OES upon receiving a timely and complete permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect until the renewal permit has been issued or denied.~~

- (c) ~~Right to Operate After Application for Renewal [326 IAC 2-8-9]~~
If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-8 until IDEM, OAQ and OES take final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ and OES any additional information identified as being needed to process the application.

B.19 Operational Flexibility [326 IAC 2-8-15]

- (a) The Permittee may make any change or changes at this source that are described in 326 IAC 2-8-15(b) through (d), without a prior permit revision, if each of the following conditions is met:

(1) The changes are not modifications under any provision of Title I of the Clean Air Act;

(2) Any approval required by 326 IAC 2-8-11.1 has been obtained;

- (3) The changes do not result in emissions which exceed the **limitations provided in emissions allowable** under this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
- (4) ...
- (5) The Permittee maintains records on-site, **on a rolling five (5) year basis**, which document, ~~on a rolling five (5) year basis~~, all such changes and emissions ~~trading trades~~ that are subject to 326 IAC 2-8-15(b) through (d), ~~and makes~~ **The Permittee shall make** such records available, upon reasonable request, ~~to for~~ public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ and OES in the notices specified in 326 IAC 2-8-15(b), (c)(1), and (d).

- (b) ...
- (c) Emission Trades [326 IAC 2-8-15(c)]
The Permittee may trade **emissions** increases and decreases ~~in emissions in~~ at the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-8-15(c).
- (d) Alternative Operating Scenarios [326 IAC 2-8-15(d)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-8-4(7). No prior notification of IDEM, OAQ or U.S. EPA is required.
- (e) **Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.**

B.21 Inspection and Entry [326 IAC 2-8-5(a)(2)] [IC 13-14-2-2]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee's right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as such, the Permittee shall allow IDEM, OAQ and/or OES, U.S. EPA, or an authorized representative to perform the following:

- (a) Enter upon the Permittee's premises where a FESOP source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) **As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have** Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (c) **As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect** inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;

- (d) **As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample** Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) **As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize** Utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

C.20 General Reporting Requirements [326 IAC 2-8-4(3)(C)] [326 IAC 2-1.1-11]

- (a) The ~~source~~ **Permittee** shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification by the "authorized individual" as defined by 326 IAC2-1.1-1(1).

...

- (e) Reporting periods are based on calendar years, **unless otherwise specified in this permit. For the purpose of this permit "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.**

Conclusion and Recommendation

The construction of this proposed modification shall be subject to the conditions of the attached proposed FESOP Minor Permit Revision No. 097-23521-00088. The staff recommends to the Commissioner that this Minor Permit Revision be approved.

Potential to Emit of Added Combustion Units

Company Name: Rieth-Riley Construction Co., Inc.
Street Address: 2605 South Kentucky Avenue, IN 46241
County: Marion County
Operation Permit No.: F097-14764-00088
Amendment No.: F097-23521-00088
Reviewer: A. Hennessy
Date: September 2006

UNLIMITED POTENTIAL TO EMIT																		
Source	Fuel Source	Consumption Units	SCC ID Code	mmbtu/hr Rating	Annual Hrs Operation	Annual Fuel Consumption	PM10		PM		SO2		NOX		VOC		CO	
							(lb/hr)	(Ton/Yr)										
Insignificant Activity:																		
AC tank heater	Nat gas	MMCF	10200601	1.5	8760.0	13.1	0.01	0.05	0.00	0.01	0.00	0.0039	0.15	0.66	0.01	0.04	0.13	0.55
AC tank heater	No.2 oil	1000 gal	10200501	1.5	8760.0	93.9	0.01	0.05	0.02	0.09	0.76	3.33	0.26	1.13	0.00	0.01	0.05	0.23
Total (worst case fuel)							0.01	0.05	0.02	0.09	0.76	3.33	0.26	1.13	0.01	0.04	0.13	0.55
Hot oil heater	No. 2 oil	1000 gal	10200501	2.20	8760.0	137.7	0.02	0.07	0.03	0.14	1.12	4.89	0.38	1.65	0.00	0.01	0.08	0.34
Hot oil heater	Nat gas	MMCF	10200601	2.20	8760.0	19.3	0.02	0.07	0.00	0.02	0.00	0.006	0.22	0.96	0.01	0.05	0.18	0.81
Total (worst case fuel)							0.02	0.07	0.03	0.14	1.12	4.89	0.38	1.65	0.01	0.05	0.18	0.81

NOTE: Assume that the heating value of natural gas is 1000 Btu / Cubic Foot and distillate oil is 0.14 MMBtu / Gallon.

LIMITED POTENTIAL TO EMIT

Source	Fuel Source	Consumption Units	mmbtu/hr Rating	Annual Hrs Operation	Annual Fuel Consumption	SO2 (Ton/Yr)
Both heaters combined	No. 2 oil	1000 gal	3.70		180.0	6.39
	Nat gas	MMCF	3.70	8760.0	32.4	0.01

UNITS	Distillate Oil		
	No. 1 & 2	No. 4	Waste # 4*
	Lb/ 1000 Gallons		
PM	2	7	0
PM-10	1	6.02	0
SO2	71	75	147
NOx	24	47	19
VOC	0.2	0.2	0.1
CO	5	5	5
SOURCE	AP-42 Chapter 1.3		

UNITS	Natural Gas Emission Factors	
	Rated Capacity, MMBtu/hr < 10	Lb/ MMCF
PM	1.9	
PM-10	7.6	
SO2	0.6	
NOx	100	
VOC	5.5	
CO	84	
SOURCE	AP-42 Chapter 1.4	

Note: Potential to Emit SO2 is greater than 25 tpy or 10 lb/hr. Therefore, facility is limited to 0.5 lb SO2 / MMBtu for distillate oil combustion (No. 2 oil, No. 4 oil, and No. 4 waste oil).

Summary of Potential to Emit

Company Name: Rieth-Riley Construction Co., Inc.
Street Address: 2605 South Kentucky Ave., Indianapolis IN 46241
County: Marion County
FESOP No.: 097-14764-00088
Administrative Amendment No : 097-23521-00088
Reviewer: Amanda Hennessy
Date: September 2006

Limited PTE (tons/yr)

Process	Pollutants						
	PM	PM-10	SO2*	NOX	VOC	CO	Combined HAPs
Dryer Burner	38.5	32.2	92.8	96.3	1.9	28.9	12.2
Hot Oil Heater	0.14	0.07	6.40	1.65	0.05	0.81	negligible
AC Tank Heater	0.09	0.05		1.13	0.04	0.55	negligible
Batch Mixer	38.3	38.3	0.0	0.0	0.0	0.0	7.4
UnPaved Roads	58.4	26.3	0.0	0.0	0.0	0.0	0.0
Handling	4.0	1.9	0.0	0.0	0.0	0.0	0.0
Storage Piles	0.5	0.2	0.0	0.0	0.0	0.0	0.0
Cut Back Asphalt	0.0	0.0	0.0	0.0	95.3	0.0	0.0
Source-wide Limited PTE:	139.9	99.0	99.2	99.1	97.3	30.3	19.6

* The PTE of SO2 from the Hot Oil Heater and the AC Tank Heater is limited to 6.39 when burning No. 2 fuel oil and is less than 0.01 when burning natural gas.

ATTACHMENT "A"

ASPHALT PLANT SITE FUGITIVE DUST CONTROL PLAN

Company Name: Rieth-Riley Construction Co., Inc.
Street Address: 2605 South Kentucky Ave., Indianapolis, IN 46241
County: Marion
Operation Permit No.: F097-14764-00088
Reviewer: N. Olsen

Page 1 of 2

1. Fugitive particulate matter (dust) emissions from paved roads, unpaved roads, and parking lots shall be controlled by one or more of the following measures:
 - A. Paved roads and parking lots:
 - a. Cleaning by vacuum sweeping on an as needed basis (monthly at a minimum).
 - b. Power brooming while wet either from rain or application of water.
 - B. Unpaved roads and parking lots:
 - a. Paving with asphalt.
 - b. Treating with emulsified asphalt on an as needed basis.
 - c. Treating with water on an as needed basis.
 - d. Double chip and seal the road surface and maintained on an as needed basis.
2. Fugitive particulate matter (dust) emissions from aggregate stockpiles shall be controlled by one or more of the following measures.
 - A. Maintain minimum size and number of stockpiles of aggregate.
 - B. Treating around the stockpile area with emulsified asphalt on an as needed basis.
 - C. Treating around the stockpile area with water on an as needed basis.
 - D. Treating the stockpiles with water on an as needed basis.
3. Fugitive particulate matter (dust) emission from outdoor conveying of aggregates shall be controlled by the following measure:
 - A. Apply water at the feed and the intermediate points on an as needed basis.
4. Fugitive particulate matter (dust) emissions resulting from the transferring of aggregates shall be controlled by one or more of the following measures:

- A. Minimize the vehicular distance between the transfer points.
 - B. Enclose the transfer points.
 - C. Apply water on transfer points on an as needed basis.
5. Fugitive particulate matter (dust) emissions resulting from transportation of aggregate by truck, front end loader, etc. shall be controlled by one or more of the following measures:
- A. Tarping the aggregate hauling vehicles.
 - B. Maintain vehicle bodies in a condition to prevent leakage.
 - C. Spray the aggregates with water.
 - D. Maintain an 10 MPH speed limit in the yard.
6. Fugitive particulate matter (dust) emissions resulting from the loading and unloading of material shall be controlled by one or more of the following measures:
- A. Reduce free fall distance to a minimum.
 - B. Reduce the rate of discharge of the aggregate.
 - C. Spray the aggregate with water on an as needed basis.

“An As Needed Basis” means the frequency or quantity of application necessary to minimize visible particulate matter emissions.