



Joseph E. Kernan
Governor

Lori F. Kaplan
Commissioner

May 20, 2004

100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
(317) 232-8603
(800) 451-6027
www.in.gov/idem

TO: Interested Parties / Applicant

RE: Belmont Wastewater Treatment Plant / 097-18807-00032

FROM: Paul Dubenetzky
Chief, Permits Branch
Office of Air Quality

Notice of Decision – Approval

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 326 IAC 2, this approval was effective immediately upon submittal of the application.

If you wish to challenge this decision, IC 4-21.5-3-7 requires 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 of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204, **within eighteen (18) calendar days from the mailing 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 Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures
FNPER-AM.dot 9/16/03



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We make Indiana a cleaner, healthier place to live.

Joseph E. Kernan
Governor

Lori F. Kaplan
Commissioner

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Indianapolis, Indiana 46206-6015
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May 20, 2004

Mr. Patrick Carroll
City of Indianapolis, Belmont Advanced Wastewater Treatment Plant
2700 South Belmont Avenue
Indianapolis, IN 46221

Re: **097-18807**
First Administrative Amendment to
Part 70 097-5989-00032

Dear Mr. Carroll:

City of Indianapolis, Belmont Advanced Wastewater Treatment Plant was issued a permit on December 29, 2003 for a municipal waste water treatment plant with sewage sludge incinerators. A letter requesting changes was received on March 12, 2004. Pursuant to the provisions of 326 IAC 2-7-11, the permit is hereby administratively amended as described in the attached Technical Support Document.

The changes are administrative amendments pursuant to 326 IAC 2-7-11(a)(1), "Corrects typographical errors," and 326 IAC 2-7-11(a)(7) "Revises descriptive information where the revision will not trigger a new applicable requirement or violate a permit term."

All other conditions of the permit shall remain unchanged and in effect. For your convenience, the entire revised Title V Operating Permit, with all modifications and amendments made to it, is being provided.

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 CarrieAnn Paukowits, c/o OAQ, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana, 46206-6015, at 631-691-3395, ext. 18, or in Indiana at 1-800-451-6027 (ext 631-691-3395).

Sincerely,

Original Signed by
Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

Attachments
CAP/MES

cc: File - Marion County
U.S. EPA, Region V
Marion County Health Department
Indianapolis Office of Environmental Services
Air Compliance Section Inspector - Dick Sekula
Compliance Branch
Administrative and Development
Technical Support and Modeling - Michele Boner



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Lori F. Kaplan
 Commissioner

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PART 70 OPERATING PERMIT OFFICE OF AIR QUALITY

**City of Indianapolis,
 Belmont Advanced Wastewater Treatment Plant
 2700 South Belmont Avenue
 Indianapolis, Indiana 46221**

(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.

The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for enforcement action; permit termination, revocation and reissuance, or modification; or denial of a permit renewal application. Noncompliance with any provision of this permit, except any provision specifically designated as not federally enforceable, constitutes a violation of the Clean Air Act. 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. An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in Section B, Emergency Provisions.

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 2-7 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.

This permit also addresses certain new source review requirements for existing equipment and is intended to fulfill the new source review procedures pursuant to 326 IAC 2-7-10.5, applicable to those conditions.

| | |
|---|--|
| Operation Permit No.: T097-5989-00032 | |
| Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Quality | Issuance Date: December 29, 2003 Expiration Date: December 29, 2008 |
| First Administrative Amendment: 097-18807-00031 | |
| Sections Affected: A.3, B, C, D.1, D.2, D.3 and D.4 and Report Forms on pages 46 and 47 | |
| Issued by: Original Signed by Paul Dubenetzky Paul Dubenetzky, Branch Chief Office of Air Quality | Issuance Date: May 20, 2004 |

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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). 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 2-7-4(c)] [326 IAC 2-7-5(15)] [326 IAC 2-7-1(22)]

The Permittee owns and operates a stationary municipal waste water treatment plant with sewage sludge incinerators.

| | |
|------------------------------|--|
| Responsible Official: | Deputy Director of Operations - Department of Public Works, City of Indianapolis |
| Source Address: | 2700 Belmont Avenue, Indianapolis, IN 46221 |
| Mailing Address: | 2700 Belmont Avenue, Indianapolis, IN 46221 |
| General Source Phone Number: | 317-639-7000 (offices of contract operator for City of Indianapolis - White River Environmental Partnership) |
| SIC Code: | 4952 |
| County Location: | Marion |
| Source Location Status: | Attainment for all criteria pollutants |
| Source Status: | Part 70 Permit Program Major Source, under PSD Rules; Minor Source, Section 112 of the Clean Air Act |

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

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

- (a) A Nichols multiple hearth wastewater treatment sludge incinerator, constructed in 1970, identified as I1, with a maximum sludge burning capacity of 2.6 dry tons/hr. Nine natural gas/No.2 fuel oil-fired auxiliary fuel burners also included as I1 with a capacity of 22.5 million BTU/hr total. Particulate and sulfur dioxide emissions are controlled by a Swemco venturi and tray impingement scrubber. Incinerator, I1, exhausts to stacks No. 01 or No. 02.
- (b) A Nichols multiple hearth wastewater treatment sludge incinerator, constructed in 1970, identified as I2, with a maximum sludge burning capacity of 2.6 dry tons/hr. Nine natural gas/No.2 fuel oil-fired auxiliary fuel burners also included as I2 with a capacity of 22.5 million BTU/hr total. Particulate and sulfur dioxide emissions are controlled by a Swemco venturi and tray impingement scrubber. Incinerator, I2, exhausts to stacks No. 01 or No. 03.
- (c) A Nichols multiple hearth wastewater treatment sludge incinerator, constructed in 1970, identified as I3, with a maximum sludge burning capacity of 2.6 dry tons/hr. Nine natural gas/No.2 fuel oil-fired auxiliary fuel burners also included as I3 with a capacity of 22.5 million BTU/hr total. Particulate and sulfur dioxide emissions are controlled by a Swemco venturi and tray impingement scrubber. Incinerator, I3, exhausts to stacks No. 01 or No. 04.
- (d) A Nichols multiple hearth wastewater treatment sludge incinerator, constructed in 1970, identified as I4, with a maximum sludge burning capacity of 2.6 dry tons/hr. Nine natural gas/No.2 fuel oil-fired auxiliary fuel burners also included as I4 with a capacity of 22.5

million BTU/hr total. Particulate and sulfur dioxide emissions are controlled by a Venturi-Pak scrubber. Incinerator, I4, exhausts to stacks No. 01 or No. 05.

- (e) A Nichols multiple hearth wastewater treatment sludge incinerator, constructed in 1954, identified as I5, with a maximum sludge burning capacity of 2.0 dry tons/hr. Six natural gas/No.2 fuel oil-fired auxiliary fuel burners also included as I5 with a capacity of 15 million BTU/hr total. Particulate and sulfur dioxide emissions are controlled by a Sly Mfg. tray and a Sly Mfg. venturi scrubber in series, which are common controls between I5 and I6. Incinerator, I5, exhausts to stack No. 06 which is a common stack with I6.
- (f) A Nichols multiple hearth wastewater treatment sludge incinerator, constructed in 1954, identified as I6, with a maximum sludge burning capacity of 2.0 dry tons/hr. Six natural gas/No.2 fuel oil-fired auxiliary fuel burners also included as I6 with a capacity of 15 million BTU/hr total. Particulate and sulfur dioxide controlled by a Sly Mfg. tray and a Sly Mfg. venturi scrubber in series, which are common controls between I6 and I5. Incinerator, I6, exhausts to stack No. 06 which is a common stack with I5.
- (g) A Nichols multiple hearth wastewater treatment sludge incinerator, constructed in 1954, identified as I7, with a maximum sludge burning capacity of 2.0 dry tons/hr. Six natural gas/No.2 fuel oil-fired auxiliary fuel burners also included as I7 with a capacity of 15 million BTU/hr total. Particulate and sulfur dioxide controlled by a Sly Mfg. tray and a Sly Mfg. venturi scrubber in series, which are common controls between I7 and I8. Incinerator, I7, exhausts to stack No. 7 which is a common stack with I8.
- (h) A Nichols multiple hearth wastewater treatment sludge incinerator, constructed in 1954, identified as I8, with a maximum sludge burning capacity of 2.0 dry tons/hr. Six natural gas/No.2 fuel oil-fired auxiliary fuel burners also included as I8 with a capacity of 15 million BTU/hr total. Particulate and sulfur dioxide controlled by a Sly Mfg. tray and a Sly Mfg. venturi scrubber in series, which are common controls between I7 and I8. Incinerator, I8, exhausts to stack No. 07 which is a common stack with I7.
- (i) A Stone Johnston Corp. natural gas/No.2 fuel oil-fired boiler with serial number 843401, constructed in 1987, identified as B1, with a maximum heat input capacity of 12.6 million BTU/hr and exhausting to stack No. 08.
- (j) A Stone Johnston Corp. natural gas/No.2 fuel oil-fired boiler with serial number 843402, constructed in 1987, identified as B2, with a maximum heat input capacity of 12.6 million BTU/hr and exhausting to stack No. 09.
- (k) A Stone Johnston Corp. natural gas/No.2 fuel oil-fired boiler with serial number 843403, constructed in 1987, identified as B3, with a maximum heat input capacity of 12.6 million BTU/hr and exhausting to stack No. 10.
- (l) Wastewater treatment operations which includes plant influent systems, headworks trash rake building, headworks raw sewage pump building, headworks bar screen building, headworks grit chambers, southport gate structure, primary treatment systems, grease and scum building, primary effluent diversion structure, pig retrieval structure, bio-roughing, nitrification system, effluent filter building and disinfection system, dissolved air flotation, gravity thickening, and dewatering operations.

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)]
[326 IAC 2-7-5(15)]

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

Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6. [326 IAC 8-3-2 and 8-3-5]

A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

- (a) It is a major source, as defined in 326 IAC 2-7-1(22);
- (b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

SECTION B

GENERAL CONDITIONS

B.1 Definitions [326 IAC 2-7-1]

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 2-7-5(2)] [326 IAC 2-1.1-9.5]

This permit 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.3 Enforceability [326 IAC 2-7-7]

- (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 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 IDEM.

B.4 Termination of Right to Operate [326 IAC 2-7-10] [326 IAC 2-7-4(a)]

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 2-7-3 and 326 IAC 2-7-4(a).

B.5 Severability [326 IAC 2-7-5(5)]

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.6 Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]

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

B.7 Duty to Provide Information [326 IAC 2-7-5(6)(E)]

- (a) The Permittee shall furnish to IDEM, OAQ, and the Indianapolis OES within a reasonable time, any information that IDEM, OAQ 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 "responsible official" as defined by 326 IAC 2-7-1(34). Upon request, the Permittee shall also furnish to IDEM, OAQ, and the Indianapolis OES copies of records required to be kept by this permit.
- (b) For information furnished by the Permittee to IDEM, OAQ, 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.8 Certification [326 IAC 2-7-4(f)] [326 IAC 2-7-6(1)] [326 IAC 2-7-5(3)(C)]

- (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 a responsible official 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) A responsible official is defined at 326 IAC 2-7-1(34).

B.9 Annual Compliance Certification [326 IAC 2-7-6(5)]

- (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. The initial certification shall cover the time period from the date of final permit issuance through December 31 of the same year. All subsequent 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:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Air Enforcement Branch - Indiana (AE-17J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

- (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, 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 2-7-5(3); and
 - (5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ, may require to determine the compliance status of the source.

The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

B.10 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)] [326 IAC 2-7-6(1) and (6)]
[326 IAC 1-6-3]

- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) within ninety (90) days after issuance of this permit, 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.

If, due to circumstances beyond the Permittee's control, the PMPs cannot be prepared and maintained within the above time frame, the Permittee may extend the date an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

The PMP extension notification does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (b) The Permittee shall implement the PMPs, including any required record keeping, as necessary to ensure that failure to implement a PMP does not cause or contribute to an exceedance of any limitation on emissions or potential to emit.
- (c) A copy of the PMPs shall be submitted to IDEM, OAQ, upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ, may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMP does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (d) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation, Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.11 Emergency Provisions [326 IAC 2-7-16]

- (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.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe 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 within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance Section), or

Telephone Number: 317-233-5674 (ask for Compliance Section)

Facsimile Number: 317-233-5967

- (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
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

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 2-7-5(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 "responsible official" as defined by 326 IAC 2-7-1(34).

- (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 may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4-(c)(9) be revised in response to an emergency.
- (f) Failure to notify IDEM, OAQ 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 2-7 and any other applicable rules.
- (g) 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.

- (h) The Permittee shall include all emergencies in the Quarterly Deviation and Compliance Monitoring Report.

B.12 Permit Shield [326 IAC 2-7-15] [326 IAC 2-7-20] [326 IAC 2-7-12]

- (a) Pursuant to 326 IAC 2-7-15, the Permittee has been granted a permit shield. The permit shield provides that compliance with the conditions of this permit shall be deemed in compliance with any applicable requirements as of the date of permit issuance, provided that either the applicable requirements are included and specifically identified in this permit or the permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable. The term “applicable requirements” shall have the meaning set forth in 326 IAC 2-7-1(6). 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 Part 70 permit under 326 IAC 2-7 or for applicable requirements for which a permit shield has been granted.

This permit shield does not extend to applicable requirements which are promulgated after the date of issuance of this permit unless this permit has been modified to reflect such new requirements.

- (b) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, IDEM, OAQ shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.
- (c) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application. Erroneous information means information that the Permittee knew to be false, or in the exercise of reasonable care should have been known to be false, at the time the information was submitted.
- (d) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:
 - (1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;
 - (2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;
 - (3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and
 - (4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.
- (e) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).
- (f) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAQ has issued the modifications. [326 IAC 2-7-12(c)(7)]

- (g) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAQ has issued the modification. [326 IAC 2-7-12(b)(8)]

B.13 Prior Permits Superseded [326 IAC 2-1.1-9.5]

- (a) All terms and conditions of previous permits 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, including:
- (1) Indianapolis OES in the City of Indianapolis operating permit, issued on August 21, 1990; and
 - (2) Significant Source Modification 097-16971-00032, issued on October 15, 2003.

B.14 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]

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

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

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.

**B.15 Permit Modification, Reopening, Revocation and Reissuance, or Termination
[326 IAC 2-7-5(6)(C)] [326 IAC 2-7-8(a)] [326 IAC 2-7-9]**

- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated non-compliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)] The notification by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ 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 2-7-9(a)(3)]
- (c) Proceedings by IDEM, OAQ 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 2-7-9(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

B.16 Permit Renewal [326 IAC 2-7-4]

- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ, and shall include the information specified in 326 IAC 2-7-4. 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 "responsible official" as defined by 326 IAC 2-7-1(34).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

- (b) Timely Submittal of Permit Renewal [326 IAC 2-7-4(a)(1)(D)]
- (1) A timely renewal application is one that is:
 - (A) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
 - (B) 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 on or before the date it is due.
 - (2) If IDEM, OAQ 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, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.
- (c) Right to Operate After Application for Renewal [326 IAC 2-7-3]
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 2-7 until IDEM, OAQ 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 any additional information identified as being needed to process the application.

- (d) United States Environmental Protection Agency Authority [326 IAC 2-7-8(e)]
If IDEM, OAQ fails to act in a timely way on a Part 70 permit renewal, the U.S. EPA may invoke its authority under Section 505(e) of the Clean Air Act to terminate or revoke and reissue a Part 70 permit.

B.17 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12]

- (a) Permit amendments and modifications are governed by the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 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
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

Any such application shall be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

- (d) No permit amendment or modification is required for the addition, operation or removal of a nonroad engine, as defined in 40 CFR 89.2.

**B.18 Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)]
[326 IAC 2-7-12 (b)(2)]**

- (a) No Part 70 permit revision shall be required under any approved economic incentives, marketable Part 70 permits, emissions trading, and other similar programs or processes for changes that are provided for in a Part 70 permit.

- (b) Notwithstanding 326 IAC 2-7-12(b)(1) and 326 IAC 2-7-12(c)(1), minor Part 70 permit modification procedures may be used for Part 70 modifications involving the use of economic incentives, marketable Part 70 permits, emissions trading, and other similar approaches to the extent that such minor Part 70 permit modification procedures are explicitly provided for in the applicable State Implementation Plan (SIP) or in applicable requirements promulgated or approved by the U.S. EPA.

B.19 Operational Flexibility [326 IAC 2-7-20] [326 IAC 2-7-10.5]

- (a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b), (c), or (e), 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 preconstruction approval required by 326 IAC 2-7-10.5 has been obtained;

(3) The changes do not result in emissions which exceed the emissions allowable under 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, P. O. Box 6015
Indianapolis, Indiana 46206-6015

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 which document, on a rolling five (5) year basis, all such changes and emissions trading that are subject to 326 IAC 2-7-20(b), (c), or (e) and makes such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ, and the Indianapolis OES in the notices specified in 326 IAC 2-7-20(b)(1), (c)(1), and (e)(2).

(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 2-7-20(a). For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:

(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 is not considered an application form, report or compliance certification. Therefore, the notification by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) Emission Trades [326 IAC 2-7-20(c)]

The Permittee may trade increases and decreases in emissions in 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 2-7-20(c).

- (d) **Alternative Operating Scenarios [326 IAC 2-7-20(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 2-7-5(9). No prior notification of IDEM, OAQ, or U.S. EPA is required.

B.20 Source Modification Requirement [326 IAC 2-7-10.5]

A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2 and 326 IAC 2-7-10.5.

B.21 Inspection and Entry [326 IAC 2-7-6] [IC 13-14-2-2] [IC 13-30-3-1] [IC 13-17-3-2]

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 U.S. EPA, or an authorized representative to perform the following:

- (a) Enter upon the Permittee's premises where a Part 70 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 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 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 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 2-7-11]

- (a) The Permittee must comply with the requirements of 326 IAC 2-7-11 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
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The application which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326

IAC 2-7-11(c)(3)]

B.23 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)][326 IAC 2-1.1-7]

- (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) Except as provided in 326 IAC 2-7-19(e), 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 317-233-4230 (ask for OAQ, I/M & Billing Section), to determine the appropriate permit fee.

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

Emission Limitations and Standards [326 IAC 2-7-5(1)]

C.1 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.2 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. 326 IAC 4-1-3 (a)(2)(A) and (B) are not federally enforceable.

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

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

C.4 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). 326 IAC 6-4-2(4) is not federally enforceable.

C.5 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. The provisions of 326 IAC 1-7-1(3), 326 IAC 1-7-2, 326 IAC 1-7-3(c) and (d), 326 IAC 1-7-4, and 326 IAC 1-7-5(a), (b), and (d) are not federally enforceable.

C.6 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
Asbestos Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

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 14-10-1, 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) **Demolition and renovation**
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).
- (g) **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 to use an Indiana Accredited Asbestos inspector is not federally enforceable.

Testing Requirements [326 IAC 2-7-6(1)]

C.7 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
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

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 "responsible official" as defined by 326 IAC 2-7-1(34).

- (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 "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ 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.8 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 by issuing an order under 326 IAC 2-1.1-11. 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 2-7-5(1)] [326 IAC 2-7-6(1)]

C.9 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

Unless otherwise specified in this permit, all monitoring and record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance. If required by Section D, the Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment. If due to circumstances beyond its control, that equipment cannot be installed and operated within ninety (90) days, the Permittee may extend the compliance schedule related to the equipment for an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

in writing, prior to the end of the initial ninety (90) day compliance schedule, with full justification of the reasons for the inability to meet this date.

The notification which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Unless otherwise specified in the approval for the new emission unit(s), compliance monitoring for new emission units or emission units added through a source modification shall be implemented when operation begins.

C.10 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]

Any monitoring or testing 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.11 Pressure Gauge and Other Instrument Specifications [326 IAC 2-1.1-11][326 IAC 2-7-5(3)][326 IAC 2-7-6(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 ($\pm 2\%$) of full scale reading.
- (b) Whenever a condition in this permit requires the measurement of a flow rate, 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 five percent ($\pm 5\%$) 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 2-7-5] [326 IAC 2-7-6]

C.12 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.
- (b) Upon direct notification by IDEM, OAQ 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.13 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68]

If a regulated substance, as defined in 40 CFR 68, is present at a source in more than a threshold quantity, the Permittee must comply with the applicable requirements of 40 CFR 68.

C.14 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 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 timeframe 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.

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Indianapolis, Indiana
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- (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, and it will be ten (10) days or more until the unit or device will be shut down, then the permittee shall promptly notify the IDEM, OAQ 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 be considered a deviation from 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 a minor permit modification 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 "normal" 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, in accordance with Section D, 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.15 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5]
[326 IAC 2-7-6]**

- (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 "responsible official" as defined by 326 IAC 2-7-1(34).

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

**C.16 Emission Statement [326 IAC 2-7-5(3)(C)(iii)] [326 IAC 2-7-5(7)] [326 IAC 2-7-19(c)]
[326 IAC 2-6]**

- (a) Pursuant to 326 IAC 2-6-3(a)(1), the Permittee shall submit by July 1 of each year an emission statement covering the previous calendar year. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4(c) and shall meet the following requirements:
 - (1) Indicate estimated actual emissions of all pollutants listed in 326 IAC 2-6-4(a);
 - (2) Indicate estimated actual emissions of other regulated pollutants (as defined by 326 IAC 2-7-1(32) ("Regulated pollutant which is used only for purposes of Section 19 of this rule") from the source, for purposes of Part 70 fee assessment.

The emission statement must be submitted to:

Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

The emission statement does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (b) The emission statement 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, on or before the date it is due.

C.17 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6]

- (a) Records of all required monitoring data, reports and support information required by this permit 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 physically present or electronically accessible 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 makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner 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.18 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11]

- (a) The source 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 "responsible official" as defined by 326 IAC 2-7-1(34).
- (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 Data Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

Indianapolis Office of Environmental Services
Administration Building
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 on or before the date it is due.
- (d) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (e) The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period. Reporting periods are based on calendar years.

Stratospheric Ozone Protection

C.19 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 -
Sewage Sludge Incinerators, I1 - I8**

Facility Description [326 IAC 2-7-5(15)]:

- (a) A Nichols multiple hearth wastewater treatment sludge incinerator, constructed in 1970, identified as I1, with a maximum sludge burning capacity of 2.6 dry tons/hr. Nine natural gas/No.2 fuel oil-fired auxiliary fuel burners also included as I1 with a capacity of 22.5 million BTU/hr total. Particulate and sulfur dioxide emissions are controlled by a Swemco venturi and tray impingement scrubber. Incinerator, I1, exhausts to stacks No. 01 or No. 02.
- (b) A Nichols multiple hearth wastewater treatment sludge incinerator, constructed in 1970, identified as I2, with a maximum sludge burning capacity of 2.6 dry tons/hr. Nine natural gas/No.2 fuel oil-fired auxiliary fuel burners also included as I2 with a capacity of 22.5 million BTU/hr total. Particulate and sulfur dioxide emissions are controlled by a Swemco venturi and tray impingement scrubber. Incinerator, I2, exhausts to stacks No. 01 or No. 03.
- (c) A Nichols multiple hearth wastewater treatment sludge incinerator, constructed in 1970, identified as I3, with a maximum sludge burning capacity of 2.6 dry tons/hr. Nine natural gas/No.2 fuel oil-fired auxiliary fuel burners also included as I3 with a capacity of 22.5 million BTU/hr total. Particulate and sulfur dioxide emissions are controlled by a Swemco venturi and tray impingement scrubber. Incinerator, I3, exhausts to stacks No. 01 or No. 04.
- (d) A Nichols multiple hearth wastewater treatment sludge incinerator, constructed in 1970, identified as I4, with a maximum sludge burning capacity of 2.6 dry tons/hr. Nine natural gas/No.2 fuel oil-fired auxiliary fuel burners also included as I4 with a capacity of 22.5 million BTU/hr total. Particulate and sulfur dioxide emissions are controlled by a Venturi-Pak scrubber. Incinerator, I4, exhausts to stacks No. 01 or No. 05.
- (e) A Nichols multiple hearth wastewater treatment sludge incinerator, constructed in 1954, identified as I5, with a maximum sludge burning capacity of 2.0 dry tons/hr. Six natural gas/No.2 fuel oil-fired auxiliary fuel burners also included as I5 with a capacity of 15 million BTU/hr total. Particulate and sulfur dioxide emissions are controlled by a Sly Mfg. tray and a Sly Mfg. venturi scrubber in series, which are common controls between I5 and I6. Incinerator, I5, exhausts to stack No. 06 which is a common stack with I6.
- (f) A Nichols multiple hearth wastewater treatment sludge incinerator, constructed in 1954, identified as I6, with a maximum sludge burning capacity of 2.0 dry tons/hr. Six natural gas/No. 2 fuel oil-fired auxiliary fuel burners also included as I6 with a capacity of 15 million BTU/hr total. Particulate and sulfur dioxide controlled by a Sly Mfg. tray and a Sly Mfg. venturi scrubber in series, which are common controls between I6 and I5. Incinerator, I6, exhausts to stack No. 06 which is a common stack with I5.
- (g) A Nichols multiple hearth wastewater treatment sludge incinerator, constructed in 1954, identified as I7, with a maximum sludge burning capacity of 2.0 dry tons/hr. Six natural gas/No.2 fuel oil-fired auxiliary fuel burners also included as I7 with a capacity of 15 million BTU/hr total. Particulate and sulfur dioxide controlled by a Sly Mfg. tray and a Sly Mfg. venturi scrubber in series, which are common controls between I7 and I8. Incinerator, I7, exhausts to stack No. 7 which is a common stack with I8.
- (h) A Nichols multiple hearth wastewater treatment sludge incinerator, constructed in 1954, identified as I8, with a maximum sludge burning capacity of 2.0 dry tons/hr. Six natural gas/No.2 fuel oil-fired auxiliary fuel burners also included as I8 with a capacity of 15 million BTU/hr total. Particulate and sulfur dioxide controlled by a Sly Mfg. tray and a Sly Mfg. venturi scrubber in series, which are common controls between I7 and I8. Incinerator, I8, exhausts to stack No. 07 which is a common stack with I7.

(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 2-7-5(1)]

D.1.1 Particulate Matter [326 IAC 6-1-12] [326 IAC 2-3]

- (a) Pursuant to 326 IAC 6-1-12 (Marion county particulate matter emission limitations), the total particulate matter emissions from incinerators I1, I2, I3, and I4 shall not exceed 72.5 tons per year and the emission rate shall not exceed 0.030 grains/dscf. The particulate matter emissions from each individual incinerator for I5, I6, I7, and I8 shall not exceed 17.9 tons per year and the emission rate shall not exceed 0.030 grains/dscf.
- (b) Pursuant to Emission Offset Limits, 326 IAC 2-3, established by the Indianapolis OES in the City of Indianapolis operating permit which was issued on August 21, 1990, the total particulate matter emissions from all incinerators I1-I8 shall not exceed 40.3 tons per year and the total amount of sewage sludge incinerated by all incinerators, I1-I8, shall not exceed 62,050 dry tons of sludge per any 12-month period.

D.1.2 PSD Minor Limit [326 IAC 2-2]

Pursuant to Significant Source Modification 097-16971-00032, issued on October 15, 2003, the I2 incinerator after completion of rehabilitation shall comply with the following:

- (a) The amount of dry sludge delivered to the No. 2 incinerator shall be limited to less than 17,712 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.
- (b) Emissions of CO from the No. 2 incinerator shall not exceed 51.78 pounds per ton of dry sludge burned.

Compliance with these limits make the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) not applicable, by limiting the CO emissions from the No. 2 incinerator to less than 458.58 tons per year. The source may petition to have the limits in (a) and (b) above modified based on the results of the stack testing required under Condition D.1.10, provided that the resulting allowable CO emissions are less than 458.58 tons per year, and the emissions of any other criteria pollutant are not increased above the PSD significant threshold listed in 326 IAC 2-2-1(jj)(1).

D.1.3 Sulfur Dioxide [326 IAC 7-4-2]

Pursuant to 326 IAC 7-4-2 (Marion county sulfur dioxide emission limitations), the sulfur dioxide emissions from each of the incinerators I1- I8 must not exceed 2.0 lb of SO₂ per dry ton of sludge burned and 14.19 pounds per hour.

D.1.4 General Provisions Relating to HAPs [326 IAC 14-1-1] [40 CFR Part 61, Subpart A]

The provisions of 40 CFR Part 61, Subpart A-General Provisions, which are incorporated by reference as 326 IAC 14-1-1, apply to the facilities (incinerators I1 - I8) described in this section except when otherwise specified in 40 CFR Part 61, Subpart C or 40 CFR Part 61, Subpart E.

D.1.5 Beryllium [40 CFR Part 61, Subpart C]

Pursuant to 40 CFR Part 61, Subpart C, the total emissions of beryllium from all incinerators I1-I8 shall not exceed a total of 10 grams per 24-hour period.

D.1.6 Mercury [40 CFR Part 61, Subpart E]

Pursuant to 40 CFR Part 61, Subpart E, the total emissions of mercury from all incinerators I1-I8 shall not exceed a total of 3200 grams per 24-hour period.

D.1.7 Regulation Non-applicability [326 IAC 12][40 CFR 60]

- (a) Incinerators I1, I2, I3, I4, I5, I6, I7 and I8 are not subject to the requirements of 40 CFR 60, Subpart O (Standards of Performance for Sewage Treatment Plants) because the incinerators were constructed prior to June 11, 1973, the applicability date of this rule.

- (b) Incinerators I1, I2, I3, I4, I5, I6, I7 and I8 are not subject to the requirements of 40 CFR 60, Subpart E (Standards of Performance for Incinerators) because the incinerators were constructed prior to August 17, 1971, the applicability date of this rule.

D.1.8 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventative Maintenance Plan, of this permit, is required for these facilities and any control devices.

Compliance Determination Requirements

D.1.9 Testing Requirements [326 IAC 2-7-6(1)(6)] [326 IAC 2-1.1-11]

- (a) Testing Requirements for I1, I2, I3, and I4: During the period between 6 and 12 months after issuance of this Part 70 permit, the Permittee shall perform the following tests in accordance with 326 IAC 3-6:

- (1) PM testing; Each incinerator shall be tested using methods approved by the Commissioner.
- (2) SO₂ testing; Each incinerator shall be tested using methods approved by the Commissioner.
- (3) Beryllium testing; Each incinerator shall be tested using methods approved by the Commissioner.
- (4) Mercury testing; Each incinerator shall be tested using methods approved by the Commissioner.

During the first permit term, these tests shall be repeated once every year from the date of this valid compliance demonstration. After the first permit term, these tests shall be repeated once every 2.5 years from the date of this valid compliance demonstration.

- (b) Testing Requirements for I5/I6 and I7/I8: If the operations at I5/I6 or I7/I8 are restarted, the Permittee shall perform the following tests in accordance with 326 IAC 3-6 within 60 days of commencement of operation, but no later than 180 days after start-up:

- (1) PM testing; Using methods approved by the Commissioner.
- (2) SO₂ testing; Using methods approved by the Commissioner.
- (3) Beryllium testing; Using methods approved by the Commissioner.
- (4) Mercury testing; Using methods approved by the Commissioner.

If the operations at I5/I6 or I7/I8 are restarted, these tests shall be repeated once every year from the date of last valid compliance test during the permit term. For any year that the units I5/I6 or I7/I8 are not in operation for the entire year, the Permittee can delay the repeat testing until the subsequent anniversary of last valid compliance test.

- (c) Compliance shall be determined by a performance test in accordance with Section C - Performance Testing.

- (d) When testing to determine compliance with Condition D.1.1, the following apply:

- (1) Based on the throughput limit in Condition D.1.1(b), the 72.5 tons per year particulate matter emission limitation in Condition D.1.1(a) for incinerators I1, I2, I3,

and I4 combined is equivalent to a particulate matter emission limit of 2.3 pounds per ton of sludge processed.

- (2) The 17.9 tons per year particulate matter emission limitation in Condition D.1.1(a) for incinerators I5, I6, I7, and I8 individually is equivalent to a particulate matter emission limit of 35.8 tons per year for each pair of incinerators (i.e. I5/I6 and I7/I8). Based on the throughput limit in Condition D.1.1(b), this limitation is equivalent to a particulate matter emission limitation of 1.2 pounds per ton of sludge processed.
 - (3) The particulate matter emission limitation in Condition D.1.1(b) is equivalent to an emission limitation of 1.3 pounds of particulate matter per ton of sludge processed.
- (e) When testing to determine compliance with Condition D.1.3 for I5/I6 and I7/I8, the following apply:
- (1) The sulfur dioxide emission limitation of 2.0 pounds per dry ton of sludge burned for each individual incinerator, I1-I8, is equivalent to a limit of 4 pounds of sulfur dioxide per dry ton of sludge processed for each of the pairs of incinerators (I5/I6 and I7/I8).
 - (2) The sulfur dioxide emission limitation of 14.19 pounds per hour for each individual incinerator, I1-I8, is equivalent to a limit of 28.38 pounds of sulfur dioxide per hour for each of the pairs of incinerators (I5/I6 and I7/I8).

D.1.10 Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]

Pursuant to Significant Source Modification 097-16971-00032, issued on October 15, 2003, within 60 days after achieving maximum production rate, but no later than 180 days after post-rehabilitation start-up, in order to demonstrate compliance with Condition D.1.2, the Permittee shall perform CO testing for the No. 2 incinerator utilizing methods as approved by the Commissioner. Testing shall be conducted in accordance with Section C - Performance Testing.

D.1.11 Particulate Matter (PM)

Pursuant to the City of Indianapolis operating permit issued on August 21, 1990, and in order to comply with D.1.1, the venturi and tray type scrubbers for all incinerators I1-I8 shall be in operation at all times when the incinerators (I1-I8) are in operation.

Compliance Monitoring Requirements

D.1.12 Parametric Monitoring

- (a) The Permittee shall record the total static pressure drop across the scrubber used in conjunction with each of the incinerators, I1-I8, at least once per shift when the incinerator(s) are in operation. When for any one reading, the pressure drop across each scrubber is less than the normal minimum of 20 inches of water for incinerators I1, I2, and I3, or 18 inches of water for incinerators I4, I5, I6, I7, and I8, or a minimum 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 below the mentioned minimum is not a deviation from this permit. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.
- (b) The Permittee shall record the water flow rate through each scrubber used in conjunction with each of the incinerators, I1-I8, at least once per shift when the incinerator(s) are in operation. When for any one reading, the water flow rate through each scrubber is less than the normal minimum of 700 gallons per minute for incinerators I1, I2, I3, or 600 gallons

per minute for incinerator I4, or 400 gallons per minute for incinerators I5, I6, I7, and I8 or minimum 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 water flow rate reading that is below the mentioned minimum is not a deviation from this permit. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.

- (c) The instruments used for determining the pressure and flow rates through the scrubber shall comply with Section C - Pressure Gauge and Other Instruments of this permit, shall be subject to approval by IDEM, OAQ, and shall be calibrated at least once every six (6) months.
- (d) Each sludge feed measuring device shall be calibrated, maintained, and operated on each working incinerator, I1-I8.
- (e) The instruments used for determining the sludge feed rates shall comply with Section C - Flow Rate Meter Specifications, of this permit, shall be subject to approval by IDEM, OAQ and shall be calibrated at least once every six (6) months.

D.1.13 Visible Emission Notations

- (a) Visible emission notations of the stack exhaust of each incinerator, stacks 01 - 07 shall be performed once per shift during normal daylight operations when the unit(s) are operating and 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 deviation from this permit.

D.1.14 Monitoring of Sewage Sludge Metal Content [40 CFR 61]

- (a) To demonstrate compliance with the Conditions in D.1.5 and D.1.6, the sewage sludge fed to the incinerators must be sampled and analyzed quarterly for beryllium and mercury content, the maximum daily sewage sludge feed rate to all incinerators, I1-I8, must be determined, and calculations shall be performed to show that the requirements in 40 CFR Part 61, Subparts C and E are being met.
 - (1) The sludge shall be sampled for mercury according to Method 105-Determination of Mercury in Wastewater Treatment Plant Sewage Sludges and for beryllium according to a method approved by the Commissioner. A total of three composite samples shall be obtained within an operating period of 24 hours. When the 24-hour operating period is not continuous, the total sampling period shall not exceed 72 hours after the first grab sample is obtained. Samples shall not be exposed to

any condition that may result in beryllium or mercury contamination or loss.

- (2) The maximum 24-hour period sludge incineration rate shall be determined by use of a flow measurement device that can measure the mass rate of sludge charged to the incinerator with an accuracy of +/- 5% over its operating range. Other methods or specifications of measuring sludge mass charging rates may be used if they have received prior approval by the EPA.
 - (3) The sampling, handling, preparation and analysis of sludge samples shall be accomplished according to Method 105 (40 CFR Part 61 Appendix B) for mercury and according to a method approved by the Commissioner for beryllium.
- (b) Pursuant to 40 CFR 61, Subpart E, the mercury emissions shall be determined by use of the following equation:

$$E = C Q F_{sm(avg)} / 1000$$

Where: E = Emissions of metal, grams/day

C = Concentration of metal in sludge on a dry solids basis, micrograms/gram

Q = Sludge charging rate, kg/day

F_{sm} = Weight fraction of solids in the collected sludge after mixing

1000 = Conversion factor

Record Keeping and Reporting Requirements

D.1.15 Record Keeping Requirements

- (a) To document compliance with Condition D.1.1 and D.1.2, the Permittee shall maintain records of the results of all rolling monthly 12-month totals of the total dry tons of sewage sludge incinerated in each of the incinerators, I1-I8.
- (b) To document compliance with Conditions D.1.1, D.1.3, and D.1.12, the Permittee shall maintain records of the following:
 - (1) The results of all performance tests for PM and SO₂ for each incinerator, I1-I8.
 - (2) All readings of the following operational parameters of each scrubber used in conjunction with the incinerators, I1-I8, once per shift during normal operation when venting to the atmosphere:
 - (A) Differential static pressure of each scrubber; and
 - (B) Water flow rate of each scrubber.
- (c) To document compliance with Condition D.1.13, the Permittee shall maintain records of all visible emissions notations for each incinerator stack exhaust taken once per shift for all incinerators when in operation.
- (d) To document compliance with Conditions D.1.5, the Permittee shall maintain records of all quarterly sludge analysis for beryllium content, daily sewage sludge feed rate, and supporting emission calculations that indicate the requirements of 40 CFR Part 61, Subpart C for beryllium are being met.
- (e) To document compliance with Conditions D.1.6, the Permittee shall maintain records of all quarterly sludge analysis for mercury content, daily sewage sludge feed rate, and supporting emission calculations that indicate the requirements of 40 CFR Part 61, Subpart E for mercury are being met.

- (f) To document compliance with Condition D.1.8, the Permittee shall maintain of records of any additional inspections prescribed by the Preventive Maintenance Plan.
- (g) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.1.16 Reporting Requirements

- (a) A quarterly summary of the information to document compliance with Conditions D.1.1 - D.1.6 shall be submitted to the addresses listed in D.1.16(c) of this section, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the three (3) month period being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). In this summary, the Permittee shall provide the following information:
 - (1) A certification that the beryllium emissions are within the 40 CFR Part 61, Subpart C standard.
 - (2) A certification that the mercury emissions are within the 40 CFR Part 61, Subpart E standard.
 - (3) A summary of all rolling monthly calculations of the 12-month totals of dry tons of sewage sludge incinerated in all incinerators, I1-I8.
 - (4) A certification that all scrubbers used in conjunction with the incinerators, I1-I8, were operated within the appropriate parameter minimums and a summary of the events in which any of the scrubbers were operating outside the appropriate parameter minimums.
 - (5) The results of the quarterly sludge analysis tests for beryllium and mercury.
- (b) The Permittee shall submit the results of the annual stack tests for particulate matter sulfur dioxide, beryllium, and mercury within 30 days of receipt of the results.
- (c) The reports required in D.1.16(a) and (b) shall be submitted to:

Indiana Department of Environmental Management
Air Compliance Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206

and

Indianapolis Office of Environmental Services
Administration Building
2700 South Belmont Avenue
Indianapolis, Indiana 46221

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Air Enforcement Branch - Indiana (AE-17J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

General Construction Condition for rehabilitation of the Nichols multiple hearth wastewater treatment sludge incinerator, constructed in 1970, identified as I2, with a maximum sludge burning capacity of 2.6 dry tons/hr.

D.1.17 Effective Date of the Permit [IC13-15-5-3]

Pursuant to the Significant Source Modification 097-16971-00032 and IC 13-15-5-3, the Significant Source Modification 097-16971-00032 the approval for rehabilitation becomes effective upon its issuance.

D.1.18 Revocation of Permits [326 IAC 2-1.1-9(5)] [326 IAC 2-7-10.5(i)]

Pursuant to Significant Source Modification 097-16971-00032 and 326 IAC 2-1.1-9(5)(Revocation of Permits), the Commissioner may revoke this approval for rehabilitation if construction is not commenced within eighteen (18) months after receipt of this approval or if construction is suspended for a continuous period of one (1) year or more.

D.1.19 Significant Source Modification [326 IAC 2-7-10.5(h)]

Pursuant to Significant Source Modification 097-16971-00032 the following are applicable to this approval for rehabilitation of I2 incinerator.

- (a) The affidavit of construction attached to 097-16971-00032 shall be submitted to the Office of Air Quality (OAQ), Permits Branch. If construction is completed in phases; i.e., the entire construction is not done continuously, a separate affidavit must be submitted for each phase of construction. Any permit conditions associated with operation start up dates such as stack testing for New Source Performance Standards (NSPS) shall be applicable to each individual phase.
- (b) The Permittee will receive an Operation Permit Validation Letter from the Permits Branch authorizing the operation of all or part of each emissions unit covered by the affirmation in the affidavit of construction. The letter shall be attached to this source modification approval.
- (c) Prior to receiving an Operation Permit Validation Letter, the Permittee may begin operating in accordance with the conditions in this approval for the emissions units covered in the Significant Source Modification approval (SSM 097-16971-00032) on the date the affidavit of construction is postmarked or hand delivered to IDEM if the emissions units were constructed as proposed in the application.
- (d) If actual construction of the emissions units differs from the construction proposed in the application, the source may not begin operation until the source modification has been revised pursuant to 326 IAC 2-7-11 or 326 IAC 2-7-12 and an Operation Permit Validation Letter is issued.

SECTION D.2

FACILITY OPERATION CONDITIONS - Three (3) Natural Gas/No. 2 Oil Boilers

Facility Description [326 IAC 2-7-5(15)]:

- (i) A Stone Johnston Corp. natural gas/No.2 fuel oil-fired boiler with serial number 843401, constructed in 1987, identified as B1, with a maximum heat input capacity of 12.6 million BTU/hr and exhausting to stack No. 08.
- (j) A Stone Johnston Corp. natural gas/No.2 fuel oil-fired boiler with serial number 843402, constructed in 1987, identified as B2, with a maximum heat input capacity of 12.6 million BTU/hr and exhausting to stack No. 09.
- (k) A Stone Johnston Corp. natural gas/No.2 fuel oil-fired boiler with serial number 843403, constructed in 1987, identified as B3, with a maximum heat input capacity of 12.6 million BTU/hr and exhausting to stack No. 10.

(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 2-7-5(1)]

D.2.1 Particulate Matter Limitation (PM) [326 IAC 6-1-2(b)]

Pursuant to 326 IAC 6-1-2 (b), (Particulate emission limitations for fuel combustion steam generators), the particulate matter emissions from each of the three (3) 12.6 MMBtu per hour natural gas/No. 2 fuel oil boilers shall be limited as follows:

- (a) Particulate matter emissions from each boiler shall not exceed 0.15 pounds per million British thermal units heat input when combusting No. 2 fuel oil; and
- (b) Particulate matter emissions from each boiler shall not exceed 0.01 grains per dry standard cubic foot when combusting natural gas.

D.2.2 Sulfur Dioxide (SO₂) [326 IAC 7-1.1-1][326 IAC 7-2-1]

Pursuant to 326 IAC 7-1.1-1 (SO₂ Emissions Limitations), the SO₂ emissions from each of the three (3) 12.6 MMBtu per hour natural gas/No. 2 fuel oil-fired boilers shall not exceed five tenths (0.5) pounds per MMBtu heat input when combusting No. 2 fuel oil. Pursuant to 326 IAC 7-2-1, compliance shall be demonstrated on a thirty (30) day rolling weighted average. 326 IAC 7-1.1 and 326 IAC 7-2-1 are not federally enforceable.

D.2.3 Sulfur Dioxide (SO₂) [326 IAC 2-2]

The sulfur dioxide emissions from the three (3) 12.6 MMBtu per hour natural gas/No. 2 fuel oil-fired boilers will be limited to less than 40 tons per year which will render 326 IAC 2-2 (PSD Rules) not applicable. The source will be in compliance with this limitation by limiting the total amount of No. 2 fuel oil burned in all three boilers during any 12-month period to less than or equal to 1,060,000 gallons and by limiting the sulfur content of the fuel oil burned to less than or equal to 0.5% sulfur by weight.

D.2.4 Regulation Non-applicability [326 IAC 12][40 CFR 60]

B1, B2, and B3 are not subject to the requirements of 40 CFR 60, Subpart Dc (Standards of Performance for Small Industrial, Commercial, Institutional Steam Generating Units) because they were constructed prior to June 8, 1989, the applicability date of this rule.

D.2.5 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventative Maintenance Plan of this permit, is required for these facilities and any control devices.

Compliance Determination Requirements

D.2.6 Sulfur Dioxide Emissions and Sulfur Content

Compliance with Condition D.2.2 and D.2.3 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 oil delivered, if accompanied by a vendor certification, or;
 - (2) Analyzing the fuel 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 12.6 MMBtu per hour boilers, 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.

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.2.7 Visible Emission Notations

- (a) Visible emission notations of the stack exhaust from each of the three (3) boilers shall be performed once per shift during normal daylight operations when exhausting to the atmosphere when combusting No. 2 fuel oil. 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 these units 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 deviation from this permit.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)][326 IAC 2-7-19]

D.2.8 Record Keeping Requirements

- (a) To document compliance with Conditions D.2.2 and D.2.3, the Permittee shall maintain records in accordance with (1) through (6) below.
- (1) Calendar dates covered in the compliance determination period;
 - (2) Actual No. 2 fuel oil usage since last compliance determination period and equivalent sulfur dioxide emissions;
 - (3) To certify compliance when burning natural gas only, the Permittee shall maintain records of fuel used.

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.

- (b) To document compliance with Condition D.2.7, the Permittee shall maintain records of visible emission notations of the boiler stack exhaust(s) once per shift.
- (c) To document compliance with Condition D.2.5, the Permittee shall maintain of records of any additional inspections prescribed by the Preventive Maintenance Plan.
- (d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.2.9 Reporting Requirements

A quarterly summary of the information to document compliance with Conditions D.2.2 and D.2.3 in any compliance period when No. 2 fuel oil was combusted, and the natural gas fired boiler certification, shall be submitted to the address 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 three (3) month period being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

SECTION D.3

FACILITY OPERATION CONDITIONS - POTW

Facility Description [326 IAC 2-7-5(15)]:

- (l) Wastewater treatment operations which includes plant influent systems, headworks trash rake building, headworks raw sewage pump building, headworks bar screen building, headworks grit chambers, southport gate structure, primary treatment systems, grease and scum building, primary effluent diversion structure, pig retrieval structure, bio-roughing, nitrification system, effluent filter building and disinfection system, dissolved air flotation, gravity thickening, and dewatering operations.

(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 2-7-5(1)]

D.3.1 Regulation Non-applicability [326 IAC 20-1][40 CFR 63, Subpart VVV]

- (1) The wastewater treatment operations are not subject to the requirements of 40 CFR 63, Subpart VVV (National Emissions Standards for Hazardous Air Pollutants: Publicly Owned Treatment Works) because this source is not a major source of hazardous air pollutants (HAPs) as defined in 326 IAC 2-7-1(22) and is not an industrial publicly owned treatment works (POTW) as defined in 40 CFR 63.1595.
- (2) Any change or modification that would increase the potential to emit of a single hazardous air pollutant to ten (10) tons per year or any change or modification that would increase the potential to emit of a combination of HAPs to twenty-five (25) tons per year will require prior approval from IDEM, OAQ.

SECTION D.4 FACILITY OPERATION CONDITIONS - Insignificant Activities

Facility Description [326 IAC 2-7-5(15)]:

Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6.

(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 2-7-5(1)]

D.4.1 Volatile Organic Compounds (VOC)

Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations) for cold cleaning operations constructed after January 1, 1980, the Permittee shall:

- (a) Equip the cleaner with a cover;
- (b) Equip the cleaner with a facility for draining cleaned parts;
- (c) Close the degreaser cover whenever parts are not being handled in the cleaner;
- (d) Drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;
- (e) Provide a permanent, conspicuous label summarizing the operation requirements;
- (f) Store waste solvent only in covered containers and not dispose of waste solvent or transfer it to another party, in such a manner that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere.

D.4.2 Volatile Organic Compounds (VOC)

(a) Pursuant to 326 IAC 8-3-5(a) (Cold Cleaner Degreaser Operation and Control), for cold cleaner degreaser operations without remote solvent reservoirs constructed after July 1, 1990, the Permittee shall ensure that the following control equipment requirements are met:

- (1) Equip the degreaser with a cover. The cover must be designed so that it can be easily operated with one (1) hand if:
 - (A) The solvent volatility is greater than two (2) kiloPascals (fifteen (15) millimeters of mercury or three-tenths (0.3) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F));
 - (B) The solvent is agitated; or
 - (C) The solvent is heated.
- (2) Equip the degreaser with a facility for draining cleaned articles. If the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F)), then the drainage facility must be internal such that articles are enclosed under the cover while draining. The drainage facility may be external for applications where an internal type cannot fit into the cleaning system.

- (3) Provide a permanent, conspicuous label which lists the operating requirements outlined in subsection (b).
 - (4) The solvent spray, if used, must be a solid, fluid stream and shall be applied at a pressure which does not cause excessive splashing.
 - (5) Equip the degreaser with one (1) of the following control devices if the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F)), or if the solvent is heated to a temperature greater than forty-eight and nine-tenths degrees Celsius (48.9°C) (one hundred twenty degrees Fahrenheit (120°F)):
 - (A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.
 - (B) A water cover when solvent is used is insoluble in, and heavier than, water.
 - (C) Other systems of demonstrated equivalent control such as a refrigerated chiller or carbon adsorption. Such systems shall be submitted to the U.S. EPA as a SIP revision.
- (b) Pursuant to 326 IAC 8-3-5(b) (Cold Cleaner Degreaser Operation and Control), for cold cleaner degreaser operations without remote solvent reservoirs constructed after July 1, 1990, the Permittee shall ensure that the following operating requirements are met:
- (1) Close the cover whenever articles are not being handled in the degreaser.
 - (2) Drain cleaned articles for at least fifteen (15) seconds or until dripping ceases.
 - (3) Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in any manner in which greater than twenty percent (20%) of the waste solvent by weight could evaporate.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Office of Air Quality**

**AND INDIANAPOLIS OFFICE OF ENVIRONMENTAL
SERVICES**

**PART 70 OPERATING PERMIT
CERTIFICATION**

Source Name: City of Indianapolis, Belmont Advanced Wastewater Treatment Plant
Source Address: 2700 South Belmont Avenue, Indianapolis, Indiana 46221
Mailing Address: 2700 South Belmont Avenue, Indianapolis, Indiana 46221
Part 70 Permit No.: T097-5989-00032

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 BRANCH
100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
Phone: 317-233-5674
Fax: 317-233-5967**

**and
Indianapolis Office of Environmental Services
Administrative Building
2700 South Belmont Drive
Indianapolis, Indiana 46221**

**PART 70 OPERATING PERMIT
EMERGENCY OCCURRENCE REPORT**

Source Name: City of Indianapolis, Belmont Advanced Wastewater Treatment Plant
Source Address: 2700 South Belmont Avenue, Indianapolis, Indiana 46221
Mailing Address: 2700 South Belmont Avenue, Indianapolis, Indiana 46221
Part 70 Permit No.: T097-5989-00032

This form consists of 2 pages

Page 1 of 2

- ☛ 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 317-233-5674, ask for Compliance Section); and
 - ☐ The Permittee must submit notice in writing or by facsimile within two (2) days (Facsimile Number: 317-233-5967), 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 INDIANAPOLIS OFFICE OF ENVIRONMENTAL
SERVICES**

**PART 70 OPERATING PERMIT
SEMI-ANNUAL NATURAL GAS FIRED BOILER CERTIFICATION**

Source Name: City of Indianapolis, Belmont Advanced Wastewater Treatment Plant
Source Address: 2700 South Belmont Avenue, Indianapolis, Indiana 46221
Mailing Address: 2700 South Belmont Avenue, Indianapolis, Indiana 46221
Part 70 Permit No.: T097-5989-00032

| |
|---|
| <input checked="" type="checkbox"/> Natural Gas Only |
| <input checked="" type="checkbox"/> Alternate Fuel burned |
| From: _____ To: _____ |

| |
|---|
| 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: |
| Phone: |
| Date: |

A certification by the responsible official as defined by 326 IAC 2-7-1(34) is required for this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Office of Air Quality
Compliance Data Section
AND INDIANAPOLIS OFFICE OF ENVIRONMENTAL
SERVICES**

Part 70 Quarterly Sludge Feed Rate Report

Source Name: City of Indianapolis, Belmont Advanced Wastewater Treatment Plant
Source Address: 2700 South Belmont Avenue, Indianapolis, Indiana 46221
Mailing Address: 2700 South Belmont Avenue, Indianapolis, Indiana 46221
Part 70 Permit No.: T097-5989-00032
Facility: Sewage Sludge Incinerators, I1-I8
Parameter: Sewage Sludge Feed Rate
Limit: Total Sewage Sludge Incinerated in all incinerators shall not exceed 62,050 dry tons per 12 consecutive month period

YEAR: _____

| Month | Column 1 | Column 2 | Column 1 + Column 2 |
|---------|------------|--------------------|---------------------|
| | This Month | Previous 11 Months | 12 Month Total |
| Month 1 | | | |
| Month 2 | | | |
| Month 3 | | | |

- 9 No deviation occurred in this 3 month period.
- 9 Deviation/s occurred in this .
Deviation has been reported on: _____

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

Attach a signed certification to complete this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 Office of Air Quality
 Compliance Data Section
 AND INDIANAPOLIS OFFICE OF ENVIRONMENTAL
 SERVICES**

Part 70 Quarterly Sludge Feed Rate Report - I2

Source Name: City of Indianapolis Belmont Advanced Wastewater Treatment Facility/
 Indianapolis Sludge Incinerator
 Source Address: 2700 South Belmont Avenue, Indianapolis, Indiana 46221
 Mailing Address: 2700 South Belmont Avenue, Indianapolis, Indiana 46221
 Source Modification No.: T097-5989-00032
 Facility: No. 2 incinerator
 Parameter: Amount of dry sludge delivered to the No. 2 incinerator
 Limit: 17,712 tons per twelve (12) consecutive month period, with compliance
 determined at the end of each month, equivalent to a CO emission limitation
 of less than 458.58 tons per year

QUARTER: _____ YEAR: _____

| Month | Sludge burned (tons) | Sludge burned (tons) | Sludge burned (tons) |
|---------|----------------------|----------------------|----------------------|
| | This Month | Previous 11 Months | 12 Month Total |
| Month 1 | | | |
| Month 2 | | | |
| Month 3 | | | |

- 9 No deviation occurred in this 3 month period.
- 9 Deviation/s occurred in this .
 Deviation has been reported on: _____

Submitted by: _____
 Title / Position: _____
 Signature: _____
 Date: _____
 Phone: _____

Attach a signed certification to complete this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Office of Air Quality
Compliance Data Section
AND INDIANAPOLIS OFFICE OF ENVIRONMENTAL SERVICES**

Part 70 Quarterly No. 2 Fuel Oil Usage Report

Source Name: City of Indianapolis, Belmont Advanced Wastewater Treatment Plant
Source Address: 2700 South Belmont Avenue, Indianapolis, Indiana 46221
Mailing Address: 2700 South Belmont Avenue, Indianapolis, Indiana 46221
Part 70 Permit No.: T097-5989-00032
Facility: Three (3) 12.6 MMBtu/hour boilers
Parameter: No. 2 fuel oil usage per year
Limit: Total amount of No. 2 fuel oil combusted in all three boilers during any 12-month period shall not exceed 1,060,000 gallons.

YEAR: _____

| Month | Column 1 | Column 2 | Column 1 + Column 2 |
|---------|------------|--------------------|---------------------|
| | This Month | Previous 11 Months | 12 Month Total |
| Month 1 | | | |
| Month 2 | | | |
| Month 3 | | | |

- ☛ No deviation occurred in this 3 month period.
- ☛ Deviation/s occurred in this .
Deviation has been reported on: _____

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

Attach a signed certification to complete this report.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Office of Air Quality
Compliance Data Section
AND
Indianapolis Office of Environmental Services

PART 70 OPERATING PERMIT
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT

Source Name: City of Indianapolis, Belmont Advanced Wastewater Treatment Plant
Source Address: 2700 South Belmont Avenue, Indianapolis, Indiana 46221
Mailing Address: 2700 South Belmont Avenue, Indianapolis, Indiana 46221
Part 70 Permit No.: T097-5989-00032

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. Deviations that are required to be reported by an applicable requirement shall be reported according to the schedule stated in the applicable requirement and do 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". | |
| <input checked="" type="radio"/> NO DEVIATIONS OCCURRED THIS REPORTING PERIOD. | |
| <input checked="" type="radio"/> 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.

Indiana Department of Environmental Management Office of Air Quality

Technical Support Document (TSD) for a Part 70 Administrative Amendment

Source Background and Description

| | |
|--|--|
| Source Name: | City of Indianapolis, Belmont Advanced Wastewater Treatment Plant |
| Source Location: | 2700 Belmont Avenue, Indianapolis, IN 46221 |
| County: | Marion |
| SIC Code: | 4952 |
| Operation Permit No.: | T 097-5989-00032 |
| Operation Permit Issuance Date: | December 29, 2003 |
| Administrative Amendment No.: | 097-18807-00032 |
| Permit Reviewer: | CarrieAnn Paukowits |

The Office of Air Quality (OAQ) has reviewed a amendment application from the City of Indianapolis, Belmont Advanced Wastewater Treatment Plant.

History

On March 12, 2004, City of Indianapolis, Belmont Advanced Wastewater Treatment Plant submitted an application to the OAQ requesting to administrative amendments to their existing permit. City of Indianapolis, Belmont Advanced Wastewater Treatment Plant was issued a Part 70 permit on December 29, 2003.

Recommendation

The staff recommends to the Commissioner that the Part 70 Administrative Amendment be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An application for the purposes of this review was received on March 12, 2004.

Justification for Modification

The Part 70 Operating permit is being amended through a Part 70 Administrative Amendment. The changes are administrative amendments pursuant to 326 IAC 2-7-11(a)(1), "Corrects typographical errors," and 326 IAC 2-7-11(a)(7) "Revises descriptive information where the revision will not trigger a new applicable requirement or violate a permit term."

Changes

The permit language is changed to read as follows (deleted language appears as ~~strikeouts~~, new language appears in bold):

Change 1:

The welding at this source is maintenance welding not involved with manufacturing. Therefore, the welding is trivial pursuant to 326 IAC 2-7-1(40)(E)(iii), "Activities related to routine fabrication, maintenance, and repair of buildings, structures, equipment, or vehicles at the source where air emissions from those activities would not be associated with any commercial production process, including brazing, soldering, or welding operations and associated equipment." Therefore, item (b) under Section A.3 and the facility description box in Section D.4 have been removed from the permit. Since the welding is not a manufacturing operation, the requirements of 326 IAC 6-3-2 are not applicable. Condition D.4.1 has been removed from the permit, and the remainder of Section D.4 has been renumbered accordingly. Changes are as follows:

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

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

- (a) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6. [326 IAC 8-3-2 and 8-3-5]
- (b) ~~The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment. [326 IAC 6-3-2]~~

SECTION D.4 FACILITY OPERATION CONDITIONS - Insignificant Activities

Facility Description [326 IAC 2-7-5(15)]:

- (a) ~~The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, and welding.~~
- (b) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6.

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

D.4.1 Particulate Matter (PM) [326 IAC 6-1-2(a)]

~~Pursuant to 326 IAC 6-1-2(a), (Particulate Emission Limitations for General Sources), the particulate matter emissions from the brazing, soldering and welding equipment, cutting torches, grinding and machining operations shall not exceed 0.03 grain per dry standard cubic foot (dscf).~~

Change 2:

The following typographical errors have been corrected in conditions B.16 (previously B.17), D.1.2, D.1.15 and D.2.3:

B.16 Permit Renewal [326 IAC 2-7-4]

- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ, **and** shall include the information specified in 326 IAC 2-7-4. 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 "responsible official" as defined by 326 IAC 2-7-1(34).

D.1.2 PSD Minor Limit [326 IAC 2-2]

Pursuant to Significant Source Modification 097-16971-00032, issued on October 15, 2003, the I2 incinerator after completion of rehabilitation shall comply with the following:

- (a) The amount of dry sludge delivered to the No. 2 incinerator shall be limited to less than 17,712 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.
- (b) Emissions of CO from the No. 2 incinerator shall not exceed 51.78 pounds per ton of dry sludge burned.

Compliance with these limits make the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) not applicable, by limiting the CO emissions from the No. 2 incinerator to less than 458.58 tons per year. The source may petition to have the limits in (a) and (b) above modified based on the results of the stack testing required under Condition ~~D.1.2~~ **D.1.10**, provided that the resulting allowable CO emissions are less than 458.58 tons per year, and the emissions of any other criteria pollutant are not increased above the PSD significant threshold listed in 326 IAC 2-2-1(jj)(1).

D.1.15 Record Keeping Requirements

- (c) To document compliance **with Condition D.1.13**, the Permittee shall maintain records of all visible emissions notations for each incinerator stack exhaust taken once per shift for all incinerators when in operation.

D.2.3 Sulfur Dioxide (SO₂) [326 IAC 2-2]

The sulfur dioxide emissions from the three (3) 12.6 MMBtu per hour natural gas/No. 2 fuel oil-fired boilers will be limited to less than 40 tons per year which will render 326 IAC 2-2 (PSD Rules) ~~and~~ not applicable. The source will be in compliance with this limitation by limiting the total amount of No. 2 fuel oil burned in all three boilers during any 12-month period to less than or equal to 1,060,000 gallons and by limiting the sulfur content of the fuel oil burned to less than or equal to 0.5% sulfur by weight.

Change 3:

The requirements of Condition B.8 have been moved to the cover page of the permit, Condition B.8 is deleted, and the remainder of Section B has been renumbered accordingly, as follows:

~~B.8 Compliance with Permit Conditions [326 IAC 2-7-5(6)(A)] [326 IAC 2-7-5(6)(B)]~~

- ~~(a) The Permittee must comply with all conditions of this permit. Noncompliance with any provision of this permit is grounds for:
 - ~~(1) Enforcement action;~~
 - ~~(2) Permit termination, revocation and reissuance, or modification; or~~
 - ~~(3) Denial of a permit renewal application.~~~~
- ~~(b) Noncompliance with any provisions of this permit, except any provision specifically designated as not federally enforceable, constitutes a violation of the Clean Air Act.~~
- ~~(c) 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.~~

- ~~(d) — An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in Section B, Emergency Provisions.~~

Paragraph added to the cover page:

The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for enforcement action; permit termination, revocation and reissuance, or modification; or denial of a permit renewal application. Noncompliance with any provision of this permit, except any provision specifically designated as not federally enforceable, constitutes a violation of the Clean Air Act. 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. An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in Section B, Emergency Provisions.

Change 4:

The duty to supplement an application is not an ongoing requirement after the permit is issued; therefore, (a) has been removed from Condition B.7, Duty to Supplement and Provide Information.

B.7 Duty to Supplement and Provide Information ~~[326 IAC 2-7-4(b)] [326 IAC 2-7-5(6)(E)]~~
~~[326 IAC 2-7-6(6)]~~

- ~~(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
Permits Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015~~

~~and~~

~~Indianapolis Office of Environmental Services (Indianapolis OES)
Administration Building
2700 South Belmont Avenue
Indianapolis, Indiana 46224~~

~~The submittal by the Permittee does require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).~~

- (b)(a)** The Permittee shall furnish to IDEM, OAQ, and the Indianapolis OES within a reasonable time, any information that IDEM, OAQ 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 “responsible official” as defined by 326 IAC 2-7-1(34). Upon request, the Permittee shall also furnish to IDEM, OAQ, and the Indianapolis OES copies of records required to be kept by this permit.

- (e)(b) For information furnished by the Permittee to IDEM, OAQ, 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.

Change 5:

Condition B.10 (b) (previously B.11(b)) was revised to clarify that required record keeping needs to be implemented, as well as the rest of the plan, to ensure that failure to implement a PMP does not cause or contribute to an exceedance of any limitation on emissions or potential to emit. Also, (c) has been revised to clarify that OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The requirements to keep records of preventive maintenance in (d) has been moved to the record keeping conditions in the D Sections. Because the general record keeping requirements (i.e., retained for 5 years) are in Section C, it is not necessary to include them in this condition or in the D conditions. At some sources, an OMM Plan is required. This source does not require an OMM Plan. However, in case an OMM Plan is required in the future, (d) has been added to this condition so that the source would not need two separate plans.

B.10 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)] [326 IAC 2-7-6(1) and (6)] [326 IAC 1-6-3]

- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) within ninety (90) days after issuance of this permit, 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.

If, due to circumstances beyond the Permittee's control, the PMPs cannot be prepared and maintained within the above time frame, the Permittee may extend the date an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

The PMP extension notification does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (b) The Permittee shall implement the PMPs, **including any required record keeping**, as necessary to ensure that failure to implement a PMP does not cause or contribute to ~~a violation~~ **an exceedance** of any limitation on emissions or potential to emit.
- (c) A copy of the PMPs shall be submitted to IDEM, OAQ, upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ, may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or

~~contributes to any violation~~ **is the primary contributor to an exceedance of any limitation on emissions or potential to emit.** The PMP does not require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

- ~~(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 makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.~~
- (d) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation, Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.**

D.1.15 Record Keeping Requirements

- (a) To document compliance with Condition D.1.1 and D.1.2, the Permittee shall maintain records of the results of all rolling monthly 12-month totals of the total dry tons of sewage sludge incinerated in all incinerators, I1-I8.
- (b) To document compliance with Conditions D.1.1, D.1.3, and D.1.12, the Permittee shall maintain records of the following:
- (1) The results of all performance tests for PM and SO₂ for each incinerator, I1-I8.
 - (2) All readings of the following operational parameters of each scrubber used in conjunction with the incinerators, I1-I8, once per shift during normal operation when venting to the atmosphere:
 - (A) Differential static pressure of each scrubber; and
 - (B) Water flow rate of each scrubber.
- (c) To document compliance with Condition D.1.13, the Permittee shall maintain records of all visible emissions notations for each incinerator stack exhaust taken once per shift for all incinerators when in operation.
- (d) To document compliance with Conditions D.1.5, the Permittee shall maintain records of all quarterly sludge analysis for beryllium content, daily sewage sludge feed rate, and supporting emission calculations that indicate the requirements of 40 CFR Part 61, Subpart C for beryllium are being met.
- (e) To document compliance with Conditions D.1.6, the Permittee shall maintain records of all quarterly sludge analysis for mercury content, daily sewage sludge feed rate, and supporting emission calculations that indicate the requirements of 40 CFR Part 61, Subpart E for mercury are being met.
- (f) To document compliance with Condition D.1.8, the Permittee shall maintain of records of any additional inspections prescribed by the Preventive Maintenance Plan.**
- ~~(f)~~**(g)** All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.2.8 Record Keeping Requirements

(a) To document compliance with Conditions D.2.2 and D.2.3, the Permittee shall maintain records in accordance with (1) through (6) below.

- (1) Calendar dates covered in the compliance determination period;
- (2) Actual No. 2 fuel oil usage since last compliance determination period and equivalent sulfur dioxide emissions;
- (3) To certify compliance when burning natural gas only, the Permittee shall maintain records of fuel used.

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.

(b) To document compliance with Condition D.2.7, the Permittee shall maintain records of visible emission notations of the boiler stack exhaust(s) once per shift.

(c) To document compliance with Condition D.2.5, the Permittee shall maintain of records of any additional inspections prescribed by the Preventive Maintenance Plan.

~~(e)~~(d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

Change 6:

Condition B.13(b) (previously B.14(b)) has been revised to be more specific, as follows:

B.13 Prior Permits Superseded [326 IAC 2-1.1-9.5]

(a) All terms and conditions of previous permits 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, **including:**

- (1) **Indianapolis OES in the City of Indianapolis operating permit, issued on August 21, 1990; and**
- (2) **Significant Source Modification 097-16971-00032, issued on October 15, 2003.**

Change 7:

In order to clarify that an amendment or modification will not be required for the addition, operation or removal of a non-road engine, (d) has been added to Condition B.17 (previously B.18), Permit Amendment or Modification.

B.17 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12]

- (a) Permit amendments and modifications are governed by the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 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
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

Any such application shall be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]
- (d) **No permit amendment or modification is required for the addition, operation or removal of a nonroad engine, as defined in 40 CFR 89.2.**

Change 8:

For clarity, additional rule cites have been added to Condition B.21 (previously B.22), Inspection and Entry.

B.21 Inspection and Entry [326 IAC 2-7-6] [IC 13-14-2-2] [IC 13-30-3-1] [IC 13-17-3-2]

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 U.S. EPA, or an authorized representative to perform the following:

- (a) Enter upon the Permittee's premises where a Part 70 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 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** 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 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.

Change 9:

Condition C.5 "Operation of Equipment" has been removed from the permit, as requested, because the requirement to operate the control equipment is included in the appropriate D Sections. If a new facility is added in the future, and that facility has control equipment that must be operated at all times in order for the facility to comply with a rule, the permit must be modified to include that requirement. Condition C.5 is removed as follows (the remainder of Section C has been renumbered):

~~G.5 Operation of Equipment [326 IAC 2-7-6(6)]~~

~~Except as otherwise provided by statute or 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.~~

Change 10:

Condition C.6 (previously C.7), Asbestos Abatement Projects, has been revised to include demolition and renovation requirements, and to clarify that the requirement to have an Indiana Accredited Asbestos inspector is not federally enforceable, as follows:

C.6 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
Asbestos Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

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 14-10-1, 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) **Demolition and renovation**
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).
- (f)(g) 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, pursuant to the provisions of 40 CFR 61, Subpart M, is federally enforceable.~~ **The requirement to use an Indiana Accredited Asbestos inspector is not federally enforceable.**

Change 11:

Condition C.5 (previously C.6), Stack Height, has been revised to clarify which provisions are not federally enforceable, as follows:

C.5 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. The provisions of **326 IAC 1-7-1(3)**, 326 IAC 1-7-2, 326 IAC 1-7-3(c) and (d), 326 IAC 1-7-4(d), (e), and (f), and 326 IAC 1-7-5(a), (b), and (d) are not federally enforceable.

Change 12:

Condition C.13 (previously C.14), Risk Management Plan, has been revised so that it is more straightforward, and the condition requires the source to comply with the applicable requirements of 40 CFR 68 if a regulated substance is present at a source in more than a threshold quantity.

C.13 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68:245]

If a regulated substance, ~~subject to as defined in 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: the Permittee must comply with the applicable requirements of 40 CFR 68.~~

- ~~(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~~
- ~~(c) A verification to IDEM, OAQ, and the Indianapolis OES, that a RMP or a revised plan was prepared and submitted as required by 40 CFR 68.~~

~~All documents submitted pursuant to this condition shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).~~

Change 13:

Failure to take reasonable response steps shall be considered deviation of the permit; therefore, (b)(4) was revised in Condition C.14 (previously C.15). Language was added to (e) to clarify that the records that need to be kept are those instances when, in accordance with Section D, response steps are taken. In addition, the notification requirement has been modified to apply only to situations where the emissions unit will continue to operate for an extended time while the compliance monitoring parameter is out of range. This is intended to provide the OAQ an opportunity to assess the situation and determine whether any additional actions are necessary to demonstrate compliance with applicable requirements.

C.14 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 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 timeframe 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, **and it will be ten (10) days or more until the unit or device will be shut down, then the permittee shall promptly notify the IDEM, OAQ** ~~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~~ **be considered a deviation from** 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 a minor permit modification 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 "normal" 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, **in accordance with Section D**, 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.

Change 14:

Condition C.16 (previously C.17), Emission Statement, has been updated to include the specific rule cite that defines the regulated pollutants being referred to in this condition, and to incorporate the revisions to 326 IAC 2-6 that became effective March 27, 2004. The revised rule was published in the April 1, 2004, Indiana Register.

C.16 Emission Statement [326 IAC 2-7-5(3)(C)(iii)] [326 IAC 2-7-5(7)] [326 IAC 2-7-19(c)]
[326 IAC 2-6]

(a) Pursuant to 326 IAC 2-6-3(a)(1), the Permittee shall submit **by July 1 of each year** an annual emission statement **covering the previous calendar year**. ~~certified pursuant to the requirements of 326 IAC 2-6, that must be received by April 15 of each year and must~~ **The emission statement shall contain, at a minimum, the information** ~~comply with the minimum requirements specified in 326 IAC 2-6-4(c) and~~ **The annual emission statement shall meet the following requirements:**

- (1) Indicate estimated actual emissions of ~~criteria pollutants from the source, in compliance with 326 IAC 2-6 (Emission Reporting);~~ **all pollutants listed in 326 IAC 2-6-4(a);**
- (2) Indicate estimated actual emissions of other regulated pollutants (as defined by 326 IAC 2-7-1(32) ("Regulated pollutant which is used only for purposes of Section 19 of this rule") from the source, for purposes of Part 70 fee assessment.

~~(b) The annual emission statement covers the twelve (12) consecutive month time period starting December 1 and ending November 30. The annual emission statement must be submitted to:~~

Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

The emission statement does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

~~(c)~~(b) The ~~annual~~ emission statement 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, on or before the date it is due.

Change 15:

It is acceptable for records to be electronically accessible instead of being physically present at a source; therefore, the following update has been made to Condition C.17 (previously C.18):

C.17 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6]

(a) Records of all required **monitoring** data, reports and support information **required by this permit** 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~~ **physically present or electronically accessible** 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 makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner 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.

Change 16:

Incinerators I5, I6, I7 and I8 were added to Condition D.1.7, which describes the non-applicability of 40 CFR 60, Subparts E and O. Those incinerators were also constructed prior to August 17, 1971, and have not been modified. This is not a revision of a previous determination.

D.1.7 Regulation Non-applicability [326 IAC 12][40 CFR 60]

- (a) Incinerators I1, I2, I3, ~~and I4~~, **I5, I6, I7 and I8** are not subject to the requirements of 40 CFR 60, Subpart O (Standards of Performance for Sewage Treatment Plants) because the incinerators were constructed prior to June 11, 1973, the applicability date of this rule.
- (b) Incinerators I1, I2, I3, ~~and I4~~, **I5, I6, I7 and I8** are not subject to the requirements of 40 CFR 60, Subpart E (Standards of Performance for Incinerators) because the incinerators were constructed prior to August 17, 1971, the applicability date of this rule.

Change 17:

In order to clarify the compliance determination requirement associated with Condition D.1.3, Condition D.1.9 is revised as follows:

D.1.9 Testing Requirements [326 IAC 2-7-6(1)(6)] [326 IAC 2-1.1-11]

- (e) When testing to determine compliance with Condition D.1.3 for I5/I6 and I7/I8, the following apply:
 - (1) The sulfur dioxide emission limitation of 2.0 pounds per dry ton of sludge burned for each individual incinerator, I1-I8, is equivalent to a limit of 4 pounds of sulfur dioxide per dry ton of sludge processed for **each of** the pairs of incinerators (I5/I6 and I7/I8).
 - (2) The sulfur dioxide emission limitation of 14.19 pounds per hour for each individual incinerator, I1-I8, is equivalent to a limit of 28.38 pounds of sulfur dioxide per hour for **each of** the pairs of incinerators (I5/I6 and I7/I8).

Change 18:

Conditions D.1.12(a) and (b), D.1.13(e), and D.2.7(e) have been corrected as follows:

D.1.12 Parametric Monitoring

- (a) The Permittee shall record the total static pressure drop across the scrubber used in conjunction with each of the incinerators, I1-I8, at least once per shift when the incinerator(s) are in operation. When for any one reading, the pressure drop across each scrubber is less than the normal minimum of 20 inches of water for incinerators I1, I2, and I3, or 18 inches of water for incinerators I4, I5, I6, I7, and I8, or a minimum 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 below the mentioned minimum is not a deviation from this permit. Failure to take response steps in accordance with Section C - Compliance

Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a ~~violation of~~ **deviation from** this permit.

- (b) The Permittee shall record the water flow rate through each scrubber used in conjunction with each of the incinerators, I1-I8, at least once per shift when the incinerator(s) are in operation. When for any one reading, the water flow rate through each scrubber is less than the normal minimum of 700 gallons per minute for incinerators I1, I2, I3, or 600 gallons per minute for incinerator I4, or 400 gallons per minute for incinerators I5, I6, I7, and I8 or minimum 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 water flow rate reading that is below the mentioned minimum is not a deviation from this permit. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a ~~violation of~~ **deviation from** this permit.

D.1.13 Visible Emission Notations

- (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~~ **deviation from** this permit.

D.2.7 Visible Emission Notations

- (e) The Compliance Response Plan for these units 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~~ **deviation from** this permit.

Change 19:

Condition D.1.14(a)(2) has been revised to be consistent with 40 CFR 61.54(c)(2). Pursuant to 40 CFR 61.54(c)(2), other methods of measuring sludge mass charging rates may be used if they have received prior approval by the Administrator. Changes are as follows:

D.1.14 Monitoring of Sewage Sludge Metal Content [40 CFR 61]

- (a) To demonstrate compliance with the Conditions in D.1.5 and D.1.6, the sewage sludge fed to the incinerators must be sampled and analyzed quarterly for beryllium and mercury content, the maximum daily sewage sludge feed rate to all incinerators, I1-I8, must be determined, and calculations shall be performed to show that the requirements in 40 CFR Part 61, Subparts C and E are being met.
 - (1) The sludge shall be sampled for mercury according to Method 105-Determination of Mercury in Wastewater Treatment Plant Sewage Sludges and for beryllium according to a method approved by the Commissioner. A total of three composite samples shall be obtained within an operating period of 24 hours. When the 24-hour operating period is not continuous, the total sampling period shall not exceed 72 hours after the first grab sample is obtained. Samples shall not be exposed to any condition that may result in beryllium or mercury contamination or loss.
 - (2) The maximum 24-hour period sludge incineration rate shall be determined by use of a flow measurement device that can measure the mass rate of sludge charged

to the incinerator with an accuracy of +/- 5% over its operating range. **Other methods or specifications of measuring sludge mass charging rates may be used if they have received prior approval by the EPA.**

- (3) The sampling, handling, preparation and analysis of sludge samples shall be accomplished according to Method 105 (40 CFR Part 61 Appendix B) for mercury and according to a method approved by the Commissioner for beryllium.

Change 20:

Condition D.1.16(a)(4) has been revised to better describe the reporting requirements associated with Condition D.1.12(a) and (b).

D.1.16 Reporting Requirements

- (a) A quarterly summary of the information to document compliance with Conditions D.1.1 - D.1.6 shall be submitted to the addresses listed in D.1.16(c) of this section, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the three (3) month period being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). In this summary, the Permittee shall provide the following information:
- (4) A certification that all scrubbers used in conjunction with the incinerators, I1-I8, were operated within the appropriate parameter ~~ranges~~ **minimums** and a summary of the events in which any of the scrubbers were operating outside the appropriate parameter ~~ranges~~ **minimums**.

Change 21:

In order to clarify the requirements of Condition D.1.19(c), the condition is revised as follows:

D.1.19 Significant Source Modification [326 IAC 2-7-10.5(h)]

- (c) Prior to receiving an Operation Permit Validation Letter, the Permittee may begin operating in accordance with the conditions in this approval **for** the emissions units covered in ~~this the~~ Significant Source Modification approval (**SSM 097-16971-00032**) on the date the affidavit of construction is postmarked or hand delivered to IDEM if the emissions units were constructed as proposed in the application.

Change 22:

Since there are no air pollution control limitations or conditions applicable to the wastewater treatment operations, the preventive maintenance plan requirement has been removed from Section D.3, as follows:

~~D.3.2 Preventive Maintenance Plan [326 IAC 2-7-5(13)]~~

~~A Preventive Maintenance Plan, in accordance with Section B -- Preventative Maintenance Plan of this permit, is required for this facility and any control devices.~~

Change 23:

Conditions D.4.1 (previously D.4.2) and D.4.2 (previously D.4.3) have been revised as follows:

D.4.1 Volatile Organic Compounds (VOC)

Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations) for cold cleaning operations constructed after

January 1, 1980, the ~~owner or operator~~ **Permittee** shall:

- (a) Equip the cleaner with a cover;
- (b) Equip the cleaner with a facility for draining cleaned parts;
- (c) Close the degreaser cover whenever parts are not being handled in the cleaner;
- (d) Drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;
- (e) Provide a permanent, conspicuous label summarizing the operation requirements;
- (f) Store waste solvent only in covered containers and not dispose of waste solvent or transfer it to another party, in such a manner that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere.

D.4.2 Volatile Organic Compounds (VOC)

- (a) Pursuant to 326 IAC 8-3-5(a) (Cold Cleaner Degreaser Operation and Control), **for cold cleaner degreaser operations without remote solvent reservoirs** ~~the owner or operator of a cold cleaner degreaser facility, construction of which commenced~~ **constructed** after July 1, 1990, **the Permittee** shall ensure that the following control equipment requirements are met:
 - (1) Equip the degreaser with a cover. The cover must be designed so that it can be easily operated with one (1) hand if:
 - (A) The solvent volatility is greater than two (2) kiloPascals (fifteen (15) millimeters of mercury or three-tenths (0.3) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F));
 - (B) The solvent is agitated; or
 - (C) The solvent is heated.
 - (2) Equip the degreaser with a facility for draining cleaned articles. If the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F)), then the drainage facility must be internal such that articles are enclosed under the cover while draining. The drainage facility may be external for applications where an internal type cannot fit into the cleaning system.
 - (3) Provide a permanent, conspicuous label which lists the operating requirements outlined in subsection (b).
 - (4) The solvent spray, if used, must be a solid, fluid stream and shall be applied at a pressure which does not cause excessive splashing.
 - (5) Equip the degreaser with one (1) of the following control devices if the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F)), or if the

solvent is heated to a temperature greater than forty-eight and nine-tenths degrees Celsius (48.9°C) (one hundred twenty degrees Fahrenheit (120°F)):

- (A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.
 - (B) A water cover when solvent is used is insoluble in, and heavier than, water.
 - (C) Other systems of demonstrated equivalent control such as a refrigerated chiller or carbon adsorption. Such systems shall be submitted to the U.S. EPA as a SIP revision.
- (b) Pursuant to 326 IAC 8-3-5(b) (Cold Cleaner Degreaser Operation and Control), **for cold cleaner degreaser operations without remote solvent reservoirs** ~~the owner or operator of a cold cleaner degreaser facility, construction of which commenced~~ **constructed** after July 1, 1990, **the Permittee** shall ensure that the following operating requirements are met:
- (1) Close the cover whenever articles are not being handled in the degreaser.
 - (2) Drain cleaned articles for at least fifteen (15) seconds or until dripping ceases.
 - (3) Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in any manner in which greater than twenty percent (20%) of the waste solvent by weight could evaporate.

Change 24:

The limited parameter on the Quarterly Sludge Feed Rate Report for Incinerator I2 has been corrected as follows:

Source Name: City of Indianapolis Belmont Advanced Wastewater Treatment Facility/
Indianapolis Sludge Incinerator
Source Address: 2700 South Belmont Avenue, Indianapolis, Indiana 46221
Mailing Address: 2700 South Belmont Avenue, Indianapolis, Indiana 46221
Source Modification No.: T 097-5989-00032
Facility: No. 2 incinerator
Parameter: Amount of **dry** sludge delivered to the No. 2 incinerator
Limit: 17,712 tons per twelve (12) consecutive month period, with compliance determined at the end of each month, equivalent to a CO emission limitation of less than 458.58 tons per year

Change 25:

The facility listed on the Quarterly No. 2 Fuel Oil Usage Report Form has been corrected as follows:

Source Name: City of Indianapolis, Belmont Advanced Wastewater Treatment Plant
Source Address: 2700 South Belmont Avenue, Indianapolis, Indiana 46221
Mailing Address: 2700 South Belmont Avenue, Indianapolis, Indiana 46221
Part 70 Permit No.: T097-5989-00032
Facility: Three **(3)** 12.6 MMBtu/hour boilers
Parameter: No. 2 fuel oil usage per year
Limit: Total amount of No. 2 fuel oil combusted in all three boilers during any 12-month period shall not exceed 1,060,000 gallons.

Change 26:

The record keeping requirements of Condition D.1.15(a) have been clarified as follows:

D.1.15 Record Keeping Requirements

- (a) To document compliance with Condition D.1.1 and D.1.2, the Permittee shall maintain records of the results of all rolling monthly 12-month totals of the total dry tons of sewage sludge incinerated in ~~all~~ **each of the** incinerators, I1-I8.

Change 27:

The phrase "and federal statutes and regulations" has not been added after "326 IAC" in Condition B.12(a) (previously B.13(a)), Permit Shield, because the Clean Air Act and 40 CFR 70.6(f) does not grant a permit shield and instead gives the permitting authority the authority to include a permit shield provision in the Part 70 Permit. However, B.12(a) (previously B.13(a)) has been revised as follows:

B.12 Permit Shield [326 IAC 2-7-15] [326 IAC 2-7-20] [326 IAC 2-7-12]

- (a) Pursuant to 326 IAC 2-7-15, the Permittee has been granted a permit shield. The permit shield provides that compliance with the conditions of this permit shall be deemed in compliance with any applicable requirements as of the date of permit issuance, provided that either the applicable requirements are included and specifically identified in this permit or the permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable. **The term "applicable requirements" shall have the meaning set forth in 326 IAC 2-7-1(6).** ~~The Indiana statutes from IC 13 and rules from 326 IAC, referenced 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 Part 70 permit under 326 IAC 2-7 or for applicable requirements for which a permit shield has been granted.

This permit shield does not extend to applicable requirements which are promulgated after the date of issuance of this permit unless this permit has been modified to reflect such new requirements.

Changes requested, but not made:

The following requested amendments have not been made:

- (a) The phrase "or as approved by IDEM" has not been added to the temperature gauge specifications in Condition C.11(b) (previously C.12(b)) because that is covered by Condition C.11(c), which states, "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."
- (b) The following paragraph in Condition D.2.8(a)(6), has not been removed from the permit because it includes specific record keeping requirements for the sulfur content in the fuels used:

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.

- (c) The phrase "commencement of operation" in Condition D.1.9(b) does not appear to be an error. Pursuant to 40 CFR 61, Subparts C and E, testing is required within ninety (90) days of startup. Requiring testing within sixty (60) days of commencement of operation is well within the rule requirements of within ninety (90) days of startup. Therefore, Condition D.1.9 has not been revised to require testing within sixty (60) days of reaching maximum production rate, rather than sixty (60) days of commencement of operation. You may apply to change the condition in a permit modification by providing a modification application, including information on why the condition should be changed.
- (d) The final paragraph on the cover page of the permit has not been changed to include a reference to 326 IAC 2-2, because the Part 70 Operating Permit did not add, remove or modify a PSD Condition. Some conditions added to the permit were required to make modifications minor modifications to an existing major source pursuant to 326 IAC 2-2, PSD. Those conditions make the requirements of 326 IAC 2-2 not applicable. Therefore, this permit is not intended to fulfill the new source review procedures pursuant to 326 IAC 2-2.

Conclusion

All other conditions of the permit shall remain unchanged and in effect. The operation of this source is subject to the conditions of the attached Part 70 Operating Permit (097-5989-00031), including this Administrative Amendment (097-18807-00031).