



Mitchell E. Daniels, Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
(800) 451-6027
www.IN.gov/idem

TO: Interested Parties / Applicant
DATE: August 28, 2007
RE: Marathon Pipeline, LLC / 089-17511-00072
FROM: Nisha Sizemore
Chief, Permits Branch
Office of Air Quality

Notice of Decision: Approval – Effective Immediately

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to IC 13-15-5-3, this permit is effective immediately, unless a petition for stay of effectiveness is filed and granted, and may be revoked or modified in accordance with the provisions of IC 13-15-7-1.

If you wish to challenge this decision, IC 4-21.5-3-7 and IC 13-15-6-1(b) or IC 13-15-6-1(a) require that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204.

For an **initial Title V Operating Permit**, a petition for administrative review must be submitted to the Office of Environmental Adjudication within **thirty (30)** days from the receipt of this notice provided under IC 13-15-5-3, pursuant to IC 13-15-6-1(b).

For a **Title V Operating Permit renewal**, a petition for administrative review must be submitted to the Office of Environmental Adjudication within **fifteen (15)** days from the receipt of this notice provided under IC 13-15-5-3, pursuant to IC 13-15-6-1(a).

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.

Pursuant to 326 IAC 2-7-18(d), any person may petition the U.S. EPA to object to the issuance of an initial Title V operating permit, permit renewal, or modification within sixty (60) days of the end of the forty-five (45) day EPA review period. Such an objection must be based only on issues that were raised with reasonable specificity during the public comment period, unless the petitioner demonstrates that it was impracticable to raise such issues, or if the grounds for such objection arose after the comment period.

To petition the U.S. EPA to object to the issuance of a Title V operating permit, contact:

U.S. Environmental Protection Agency
401 M Street
Washington, D.C. 20406

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.



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Indianapolis, Indiana 46204-2251
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www.in.gov/idem

Part 70 Operating Permit Renewal OFFICE OF AIR QUALITY

**Marathon Pipeline, LLC
1900 West Avenue H
Griffith, Indiana 46319
and
Division Street and Avenue H
Scherville, Indiana 46375**

(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.

Operation Permit No.: T 089-17511-00072	
Issued by/Original Signed By: Nisha Sizemore, Chief Permits Branch Office of Air Quality	Issuance Date: August 28, 2007 Expiration Date: August 28, 2012

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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, A.3, and A.4 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 petroleum products storage source.

Source Address:	1900 West Avenue H, Griffith, Indiana 46319 and Division Street & Avenue H, Schererville, Indiana 46375
Mailing Address:	539 South Main Street, Findlay, Ohio 45840
General Source Phone Number:	419-421-4000
SIC Code:	4613
County Location:	Lake
Source Location Status:	Nonattainment for PM _{2.5} , PM ₁₀ , and 8-hour ozone Attainment for all other criteria pollutants
Source Status:	Part 70 Operating Permit Program Major Source under Emission Offset Rules Minor Source under PSD Rules Minor Source, Section 112 of the Clean Air Act 1 of 28 Source Categories

A.2 Part 70 Source Definition [326 IAC 2-7-1(22)]

This petroleum products storage source consists of two (2) plants:

- (a) Marathon Pipeline, LLC, Plant ID: 089-00072, is located at 1900 West Avenue. H, Griffith, Indiana 46319, and
- (b) TEPPCO Griffith Terminal, Plant ID: 089-00053, is located at Division St. & Avenue H., Schererville, Indiana 46375.

Since the two (2) plants are located on contiguous or adjacent properties, belong to the same industrial grouping and under common control of the same entity, they will be considered one (1) source, effective from the date of issuance of this Part 70 Operating Permit Renewal.

A.3 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:

Griffith West

- (a) One (1) organic liquid storage tank, identified as 80-3, constructed in 1958, exhausting to a vent, identified as S1, equipped with an external floating roof, maximum capacity: 3,064,614 gallons.
- (b) One (1) organic liquid storage tank, identified as 80-5, constructed in 1958, exhausting to a vent, identified as S7, equipped with an external floating roof, maximum capacity: 3,094,518 gallons.

- (c) One (1) organic liquid storage tank, identified as 80-9, constructed in 1958, exhausting to a vent, identified as S2, equipped with an external floating roof, maximum capacity: 3,069,696 gallons.
- (d) One (1) organic liquid storage tank, identified as 80-10, constructed in 1977, exhausting to a vent, identified as S3, equipped with an internal floating roof, maximum capacity: 3,259,452 gallons. Under NSPS 40 CFR 60, Subpart K, this facility is considered a petroleum liquid storage facility.
- (e) One (1) organic liquid storage tank, identified as 80-12, constructed in 1959, exhausting to a vent, identified as S4, equipped with an external floating roof, maximum capacity: 3,058,818 gallons.
- (f) One (1) bottom water storage tank, identified as 107, constructed in 2002, exhausting to a vent, identified as S11, equipped with a vertical fixed roof, maximum capacity: 16,900 gallons. A thin layer of hydrocarbon may form on top of the water, however the tank's contents are primarily water.
- (g) One (1) organic liquid storage tank, identified as 120-4, constructed in 1958, exhausting to a vent, identified as S5, equipped with an external floating roof, maximum capacity: 4,543,014 gallons.
- (h) One (1) organic liquid storage tank, identified as 120-6, constructed in 1958, exhausting to a vent, identified as S6, equipped with an external floating roof, maximum capacity: 4,698,792 gallons.
- (i) One (1) organic liquid storage tank, identified as 217-7, constructed in 1958, exhausting to a vent, identified as S8, equipped with an internal floating roof, maximum capacity: 8,385,048 gallons.
- (j) One (1) organic liquid storage tank, identified as 268-8, constructed in 1958, exhausting to a vent, identified as S10, equipped with a vertical fixed roof, maximum capacity: 11,119,164 gallons.
- (k) One (1) organic liquid storage tank, identified as 268-11, constructed in 1978, exhausting to a vent, identified as S9, equipped with an internal floating roof, maximum capacity: 10,550,694 gallons. Under NSPS 40 CFR 60, Subpart K, this facility is considered a petroleum liquid storage facility.
- (l) One (1) horizontal pressurized organic liquid storage tank, identified as G-1, constructed in 1977, exhausting to a vent, identified as S14, designed to have no measurable emissions, maximum capacity: 26,040 gallons.
- (m) One (1) organic liquid storage tank, identified as T-1, constructed in 1958, exhausting to a vent, identified as S12, equipped with an internal floating roof, maximum capacity: 158,256 gallons.
- (n) One (1) organic liquid storage tank, identified as T-2, constructed in 1958, exhausting to a vent, identified as S13, equipped with an internal floating roof, maximum capacity: 149,346 gallons.

Griffith East

- (o) One (1) organic liquid storage tank, identified as 35-13 (formerly identified as Tank 5404), constructed in 1971, exhausting to a vent, identified as Vent 004, equipped with an internal

floating roof, capacity: 1,407,756 gallons.

- (p) One (1) organic liquid storage tank, identified as 35-14 (formerly identified as Tank 5405), constructed in 1971, exhausting to a vent, identified as Vent 006, equipped with an internal floating roof, capacity: 1,463,574 gallons.
- (q) One (1) organic liquid storage tank, identified as 67-15 (formerly identified as Tank 5403), constructed in 1971, exhausting to a vent, identified as Vent 003, equipped with an internal floating roof, capacity: 2,578,548 gallons.
- (r) One (1) organic liquid storage tank, identified as 67-16 (formerly identified as Tank 5402), constructed in 1971, exhausting to a vent, identified as Vent 002, equipped with an internal floating roof, capacity: 2,661,162 gallons.
- (s) One (1) organic liquid storage tank, identified as 80-17 (formerly identified as Tank 5401), constructed in 1971, exhausting to a vent, identified as Vent 001, equipped with an internal floating roof, capacity: 3,232,824 gallons.
- (t) One (1) organic liquid storage tank, identified as T-18 (formerly identified as Tank 5461), constructed in 1971, exhausting to a vent, identified as Vent 009, equipped with an internal floating roof, capacity: 112,518 gallons.

A.4 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 as defined in 326 IAC 2-7-1 (21):

- (a) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million British thermal units per hour, including the following:
 - (1) One (1) furnace, identified as F-1, exhausting to the general ventilation, heat input capacity: 0.100 million British thermal units per hour.
 - (2) One (1) furnace, identified as F-2, exhausting to the general ventilation, heat input capacity: 0.135 million British thermal units per hour.
- (b) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6. [326 IAC 8-3-2] [326 IAC 8-3-5]
- (c) Process vessel degassing and cleaning to prepare for internal repairs.
- (d) Paved and unpaved roads and parking lots with public access [326 IAC 6-4].
- (e) Equipment used to collect any material that might be released during a malfunction, process upset, or spill cleanup, including catch tanks, temporary liquid separators, tanks and fluid handling equipment.
- (f) Purge double block and bleed valves.
- (g) A laboratory as defined in 326 IAC 2-7-1(21)(D).
- (h) On-site groundwater remediation.
- (i) The following VOC and HAP storage containers: Vessels storing lubricating oils, hydraulic oils, machining oils, and machining fluids.

- (j) Blowdown for any of the following: sight glass; boiler; compressors; pumps; and cooling towers.
- (k) Emergency generator as follows: one (1) gasoline powered, spark ignition engine, capacity: ten (10.0) horsepower per hour.
- (l) Filter or coalescer media changeout.
- (m) Activities or categories not previously identified with emissions less than significant thresholds:
 - (1) A flare for burning propane or butane from the system in case of emergency or during maintenance activities.
 - (2) Product sampling of gasoline and fuel oil for quality control purposes from incoming batches and from the tanks. Up to 200 samples are collected each month with a maximum container size of up to one (1) quart.
- (n) One (1) diesel fuel pour point depressant storage tank, identified as 108, constructed in 2005, capacity: 15,000 gallons.
- (o) Routine maintenance and repair of buildings, structures, or vehicles at the source where air emissions from those activities would not be associated with any production processes, including purging of gas lines and purging of vessels.

A.5 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] [326 IAC 2-7-4(a)(1)(D)] [IC 13-15-3-6(a)]

- (a) This permit, T 089-17511-00072, 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 of this permit.
- (b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.

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

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

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

B.4 Enforceability [326 IAC 2-7-7]

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, the United States Environmental Protection Agency (U.S. EPA) and by citizens in accordance with the Clean Air Act.

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, 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 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 the "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. One (1) certification may cover multiple forms in one (1) submittal.
- (c) The "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. All certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted no later than April 15 of each year to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

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 maintain and implement Preventive Maintenance Plans (PMPs) including the following information on each facility:
- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.
- (b) 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 PMPs do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) 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 and the Northwest Regional Office 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: 317-233-0178 (ask for Compliance Section)
Facsimile Number: 317-233-6865

Northwest Regional Office phone: (219) 757-0265; fax: (219) 757-0267

- (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
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

and

Northwest Regional Office
8315 Virginia Street, Suite 1
Merrillville, Indiana 46410-9201

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) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, 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 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 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.

- (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] [326 IAC 2-7-10.5]

- (a) All terms and conditions of permits established prior to T 089-17511-00072 and issued pursuant to permitting programs approved into the state implementation plan have been either:
- (1) incorporated as originally stated,
 - (2) revised under 326 IAC 2-7-10.5, or
 - (3) deleted under 326 IAC 2-7-10.5.
- (b) Provided that all terms and conditions are accurately reflected in this permit, all previous registrations and permits are superseded by this Part 70 operating permit.

B.14 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.15 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
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

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.16 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 Operating 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.17 Permit Renewal [326 IAC 2-7-3] [326 IAC 2-7-4] [326 IAC 2-7-8(e)]

- (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
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

- (b) A timely renewal application is one that is:
- (1) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
 - (2) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (c) If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-7 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.

B.18 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12] [40 CFR 72]

- (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
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

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)]

B.19 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.20 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 limitations provided in this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
 - (4) The Permittee notifies the:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

and

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

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

- (5) The Permittee maintains records on-site, on a rolling five (5) year basis, which document all such changes and emission trades that are subject to 326 IAC 2-7-20(b),(c), or (e). The Permittee shall make such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ 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 emissions increases and decreases at the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(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.
- (e) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.

B.21 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.22 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, 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.23 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
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

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.24 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, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

B.25 Credible Evidence [326 IAC 2-7-5(3)] [326 IAC 2-7-6] [62 FR 8314] [326 IAC 1-1-6]

For the purpose of submitting compliance certifications or establishing whether or not the Permittee has violated or is in violation of any condition of this permit, nothing in this permit shall preclude the use, including the exclusive use, of any credible evidence or information relevant to whether the

Permittee would have been in compliance with the condition of this permit if the appropriate performance or compliance test or procedure had been performed.

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 twenty percent (20%) 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.

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 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
MC 61-52 IGCN 1003
Indianapolis, Indiana 46204-2251

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.6 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
MC 61-53 IGCN 1003

Indianapolis, Indiana 46204-2251

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 Permittee 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.7 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.8 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
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

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.9 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.

Corrective Actions and Response Steps [326 IAC 2-7-5] [326 IAC 2-7-6]

C.10 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

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

- (a) The Permittee prepared and submitted written emergency reduction plans (ERPs) consistent with safe operating procedures on December 18, 1998.
- (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.11 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.12 Response to Excursions or Exceedances [326 IAC 2-7-5] [326 IAC 2-7-6]

- (a) Upon detecting an excursion or exceedance, the Permittee shall restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions.
- (b) The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). Corrective actions may include, but are not limited to, the following:
 - (1) initial inspection and evaluation
 - (2) recording that operations returned to normal without operator action (such as through response by a computerized distribution control system); or
 - (3) any necessary follow-up actions to return operation to within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable.
- (c) A determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include, but is not limited to, the following:
 - (1) monitoring results;
 - (2) review of operation and maintenance procedures and records;
 - (3) inspection of the control device, associated capture system, and the process.
- (d) Failure to take reasonable response steps shall be considered a deviation from the permit.
- (e) The Permittee shall maintain the following records:
 - (1) monitoring data;
 - (2) monitor performance data, if applicable; and

- (3) corrective actions taken.

C.13 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 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 response action 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.14 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 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 purpose of fee assessment.

The statement must be submitted to:

Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Quality
100 North Senate Avenue
MC 61-50 IGCN 1003
Indianapolis, Indiana 46204-2251

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

- (b) 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 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 purpose of fee assessment.

The statement must be submitted to:

Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Quality
100 North Senate Avenue
MC 61-50 IGCN 1003
Indianapolis, Indiana 46204-2251

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

- (c) The emission statement required by this permit shall be considered timely if the date post-marked 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.15 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6] [326 IAC 2-2] [326 IAC 2-3]

- (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) If there is a “project” (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(ll)) affecting an existing emissions unit other than a source with a Plantwide Applicability Limitation (PAL), which is not part of a “major modification” (as defined in 326 IAC 2-2-1(ee) and/or 326 IAC 2-3-1(z)) and the Permittee elects to utilize the “projected actual emissions” (as defined in 326 IAC 2-2-1(rr) and/or 326 IAC 2-3-1(mm)), the Permittee shall comply with following:
- (1) Before beginning actual construction of the “project” (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(ll)) at an existing emissions unit, document and maintain the following records:
- (A) A description of the project.
- (B) Identification of any emissions unit whose emissions of a regulated new source review pollutant could be affected by the project.
- (C) A description of the applicability test used to determine that the project is not a major modification for any regulated NSR pollutant, including:
- (i) Baseline actual emissions;
- (ii) Projected actual emissions;
- (iii) Amount of emissions excluded under section 326 IAC 2-2-1(rr)(2)(A)(iii) and/or 326 IAC 2-3-1(mm)(2)(A)(iii); and
- (iv) An explanation for why the amount was excluded, and any netting calculations, if applicable.
- (2) Monitor the emissions of any regulated NSR pollutant that could increase as a result

of the project and that is emitted by any existing emissions unit identified in (1)(B) above; and

- (3) Calculate and maintain a record of the annual emissions, in tons per year on a calendar year basis, for a period of five (5) years following resumption of regular operations after the change, or for a period of ten (10) years following resumption of regular operations after the change if the project increases the design capacity of or the potential to emit that regulated NSR pollutant at the emissions unit.

C.16 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11] [326 IAC 2-2] [326 IAC 2-3]

- (a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification by the "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
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
- (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) Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.
- (f) If the Permittee is required to comply with the record keeping provisions of (c) in Section C - General Record Keeping Requirements for any "project" (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(ll)) at an existing emissions unit, and the project meets the following criteria, then the Permittee shall submit a report to IDEM, OAQ.
 - (1) The annual emissions, in tons per year, from the project identified in (c)(1) in Section C - General Record Keeping Requirements exceed the baseline actual emissions, as documented and maintained under Section C - General Record Keeping Requirements (c)(1)(C)(i), by a significant amount, as defined in 326 IAC 2-2-1(xx) and/or 326 IAC 2-3-1(qq)), for that regulated NSR pollutant, and
 - (2) The emissions differ from the preconstruction projection as documented and maintained under Section C - General Record Keeping Requirements (c)(1)(C)(ii).
- (g) The report for project at an existing emissions unit shall be submitted within sixty (60) days

after the end of the year and contain the following:

- (1) The name, address, and telephone number of the major stationary source.
- (2) The annual emissions calculated in accordance with (c)(2) and (3) in Section C - General Record Keeping Requirements.
- (3) The emissions calculated under the actual-to-projected actual test stated in 326 IAC 2-2-2(d)(3) and/or 326 IAC 2-3-2(c)(3).
- (4) Any other information that the Permittee deems fit to include in this report.

Reports required in this part shall be submitted to:

Indiana Department of Environmental Management
Air Compliance Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

- (h) The Permittee shall make the information required to be documented and maintained in accordance with (c) in Section C - General Record Keeping Requirements available for review upon a request for inspection by IDEM, OAQ. The general public may request this information from the IDEM, OAQ under 326 IAC 17.1.

Stratospheric Ozone Protection

C.17 Compliance with 40 CFR 82 and 326 IAC 22-1

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

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

SECTION D.1

FACILITY OPERATION CONDITIONS

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

Griffith West

- (a) One (1) organic liquid storage tank, identified as 80-3, constructed in 1958, exhausting to a vent, identified as S1, equipped with an external floating roof, maximum capacity: 3,064,614 gallons.
- (b) One (1) organic liquid storage tank, identified as 80-5, constructed in 1958, exhausting to a vent, identified as S7, equipped with an external floating roof, maximum capacity: 3,094,518 gallons.
- (c) One (1) organic liquid storage tank, identified as 80-9, constructed in 1958, exhausting to a vent, identified as S2, equipped with an external floating roof, maximum capacity: 3,069,696 gallons.
- (d) One (1) organic liquid storage tank, identified as 80-10, constructed in 1977, exhausting to a vent, identified as S3, equipped with an internal floating roof, maximum capacity: 3,259,452 gallons. Under NSPS 40 CFR 60, Subpart K, this facility is considered a petroleum liquid storage facility.
- (e) One (1) organic liquid storage tank, identified as 80-12, constructed in 1959, exhausting to a vent, identified as S4, equipped with an external floating roof, maximum capacity: 3,058,818 gallons.
- (f) One (1) bottom water storage tank, identified as 107, constructed in 2002, exhausting to a vent, identified as S11, equipped with a vertical fixed roof, maximum capacity: 16,900 gallons. A thin layer of hydrocarbon may form on top of the water, however the tank's contents are primarily water.
- (g) One (1) organic liquid storage tank, identified as 120-4, constructed in 1958, exhausting to a vent, identified as S5, equipped with an external floating roof, maximum capacity: 4,543,014 gallons.
- (h) One (1) organic liquid storage tank, identified as 120-6, constructed in 1958, exhausting to a vent, identified as S6, equipped with an external floating roof, maximum capacity: 4,698,792 gallons.
- (i) One (1) organic liquid storage tank, identified as 217-7, constructed in 1958, exhausting to a vent, identified as S8, equipped with an internal floating roof, maximum capacity: 8,385,048 gallons.
- (j) One (1) organic liquid storage tank, identified as 268-8, constructed in 1958, exhausting to a vent, identified as S10, equipped with a vertical fixed roof, maximum capacity: 11,119,164 gallons.
- (k) One (1) organic liquid storage tank, identified as 268-11, constructed in 1978, exhausting to a vent, identified as S9, equipped with an internal floating roof, maximum capacity: 10,550,694 gallons. Under NSPS 40 CFR 60, Subpart K, this facility is considered a petroleum liquid storage facility.
- (l) One (1) horizontal pressurized organic liquid storage tank, identified as G-1, constructed in 1977, exhausting to a vent, identified as S14, designed to have no measurable emissions, maximum capacity: 26,040 gallons.
- (m) One (1) organic liquid storage tank, identified as T-1, constructed in 1958, exhausting to a vent, identified as S12, equipped with an internal floating roof, maximum capacity: 158,256 gallons.
- (n) One (1) organic liquid storage tank, identified as T-2, constructed in 1958, exhausting to a vent, identified as S13, equipped with an internal floating roof, maximum capacity: 149,346 gallons.

Griffith East

- (o) One (1) organic liquid storage tank, identified as 35-13 (formerly identified as Tank 5404), constructed

in 1971, exhausting to a vent, identified as Vent 004, equipped with an internal floating roof, capacity: 1,407,756 gallons.

- (p) One (1) organic liquid storage tank, identified as 35-14 (formerly identified as Tank 5405), constructed in 1971, exhausting to a vent, identified as Vent 006, equipped with an internal floating roof, capacity: 1,463,574 gallons.
- (q) One (1) organic liquid storage tank, identified as 67-15 (formerly identified as Tank 5403), constructed in 1971, exhausting to a vent, identified as Vent 003, equipped with an internal floating roof, capacity: 2,578,548 gallons.
- (r) One (1) organic liquid storage tank, identified as 67-16 (formerly identified as Tank 5402), constructed in 1971, exhausting to a vent, identified as Vent 002, equipped with an internal floating roof, capacity: 2,661,162 gallons.
- (s) One (1) organic liquid storage tank, identified as 80-17 (formerly identified as Tank 5401), constructed in 1971, exhausting to a vent, identified as Vent 001, equipped with an internal floating roof, capacity: 3,232,824 gallons.
- (t) One (1) organic liquid storage tank, identified as T-18 (formerly identified as Tank 5461), constructed in 1971, exhausting to a vent, identified as Vent 009, equipped with an internal floating roof, capacity: 112,518 gallons.

(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 Volatile Organic Compounds (VOC) [326 IAC 8-4-3]

- (a) Pursuant to 326 IAC 8-4-3, (Petroleum Liquid Storage Facilities) the eleven (11) organic liquid storage tanks, identified as 35-13, 35-14, 67-15, 67-16, 80-10, 80-17, 217-7, 268-11, T-1, T-2, and T-18 shall each be equipped with internal floating roofs.
- (b) Pursuant to 326 IAC 8-4-3(c)(2), Permittee shall not store a petroleum liquid in any of the six (6) organic liquid storage tanks, identified as 80-3, 80-5, 80-9, 80-12, 120-4, and 120-6, unless:
 - (1) The facility has been fitted with:
 - (A) a continuous secondary seal extending from the floating roof to the tank wall (rim-mounted secondary seal); or
 - (B) a closure or other device approved by the commissioner which is equally effective.
 - (2) All seal closure devices meet the following requirements:
 - (A) there are no visible holes, tears, or other openings in the seal(s) or seal fabric;
 - (B) the seal(s) are intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.
 - (C) for vapor mounted primary seals, the accumulated gap area around the circumference of the secondary seal where a gap exceeding one-eighth (c)

inch exists between the secondary seal and the tank wall shall not exceed 1.0 square inch per foot of tank diameter. There shall be no gaps exceeding one-half (½) inch between the secondary seal and the tank wall of welded tanks and no gaps exceeding one (1) inch between the secondary seal and the tank wall of riveted tanks.

- (3) All openings in the external floating roof, except for automatic bleeder vents, rim space vents, and leg sleeves, are:
 - (A) equipped with covers, seals, or lids in the closed position except when the openings are in actual use; and
 - (B) equipped with projections into the tank which remain below the liquid surface at all times.
- (4) Automatic bleeder vents are closed at all times except when the roof is floated off or landed on the roof leg supports;
- (5) Rim vents are set to open when the roof is being floated off the leg supports or at the manufacturer's recommended setting; and
- (6) Emergency roof drains are provided with slotted membrane fabric covers or equivalent covers which cover at least ninety percent (90%) of the area of the opening.

D.1.2 Volatile Organic Compounds [326 IAC 8-9-4]

- (a) Pursuant to 326 IAC 8-9-4(c), the following standards are applicable to the eleven (11) organic liquid storage tanks, identified as 35-13, 35-14, 67-15, 67-16, 80-10, 80-17, 217-7, 268-11, T-1, T-2, and T-18
 - (1) The internal floating roof shall float on the liquid surface, but not necessarily in complete contact with it, inside a vessel that has a permanently affixed roof.
 - (2) The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the vessel is completely emptied or subsequently emptied and refilled.
 - (3) When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible.
 - (4) Each internal floating roof shall be equipped with one (1) of the following closure devices between the wall of the vessel and the edge of the internal floating roof:
 - (A) A foam or liquid-filled seal mounted in contact with the liquid (liquid-mounted seal).
 - (B) Two (2) seals mounted one (1) above the other so that each forms a continuous closure that completely covers the space between the wall of the vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous.
 - (C) A mechanical shoe seal that consists of a metal sheet held vertically against the wall of the vessel by springs or weighted levers and that is connected by braces to the floating roof. A flexible coated fabric, or envelope, spans the annular space between the metal sheet and the floating roof.

- (5) Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents shall provide a projection below the liquid surface.
 - (6) Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains shall be equipped with a cover or lid that shall be maintained in a closed position at all times (with no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use.
 - (7) Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports.
 - (8) Rim space vents shall be equipped with a gasket and shall be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting.
 - (9) Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least ninety percent (90%) of the opening.
 - (10) Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.
- (b) Pursuant to 326 IAC 8-9-4(e), the following standards are applicable to the six (6) organic liquid storage tanks, identified as 80-3, 80-5, 80-9, 80-12, 120-4, and 120-6.
- (1) Each external floating roof shall be equipped with a closure device between the wall of the vessel and the roof edge. The closure device shall consist of two (2) seals, one (1) above the other. The lower seal shall be referred to as the primary seal; the upper seal shall be referred to as the secondary seal.
 - (2) The primary seal shall completely cover the annular space between the edge of the floating roof and vessel wall and shall be either a liquid-mounted seal or a shoe seal.
 - (3) The secondary seal shall completely cover the annular space between the external floating roof and the wall of the vessel in a continuous fashion.
 - (4) Except for automatic bleeder vents and rim space vents, each opening in a noncontact external floating roof shall provide a projection below the liquid surface.
 - (5) Except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves, each opening in the roof shall be equipped with a gasketed cover, seal, or lid that shall be maintained in a closed position at all times, without visible gap, except when the device is in actual use.
 - (6) Automatic bleeder vents shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports.
 - (7) Rim vents shall be set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Automatic bleeder vents and rim space vents shall be gasketed.

- (8) Each emergency roof drain shall be provided with a slotted membrane fabric cover that covers at least ninety percent (90%) of the area of the opening.
- (9) The roof shall be floating on the liquid at all times, for example, off the roof leg supports, except when the vessel is completely emptied and subsequently refilled. The process of filling, emptying, or refilling when the roof is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible.

D.1.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

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

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

D.1.4 Monitoring

- (a) Pursuant to 326 IAC 8-9, the eleven (11) organic liquid storage tanks, identified as 35-13, 35-14, 67-15, 67-16, 80-10, 80-17, 217-7, 268-11, T-1, T-2, and T-18 shall meet the following requirements:
 - (1) Visually inspect the internal floating roof, the primary seal, and the secondary seal, if one is in service, prior to filling the vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, the Permittee shall repair the items before filling the vessel.
 - (2) For vessels equipped with a liquid-mounted or mechanical shoe primary seal, visually inspect the internal floating roof and the primary seal or the secondary seal, if one is in service, through manholes and roof hatches on the fixed roof at least once every twelve (12) months after initial fill. If the internal floating roof is not resting on the surface of the VOL inside the vessel, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, the Permittee shall repair the items or empty and remove the vessel from service within forty-five (45) days. If a failure that is detected during inspections required in this section cannot be repaired in forty-five (45) days and if the vessel cannot be emptied within forty-five (45) days, a thirty (30) day extension may be requested. Such a request for an extension must document that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible.
 - (3) For vessels equipped with both primary and secondary seals:
 - (A) visually inspect the vessel as specified in subdivision (4), at least every five (5) years; or
 - (B) visually inspect the vessel as specified in subdivision (2).
 - (4) Visually inspect the internal floating roof, the primary seal, the secondary seal, if one is in service, gaskets, slotted membranes, and sleeve seals each time the vessel is emptied and degassed. If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than ten percent (10%) open area, the Permittee shall repair the items as necessary so that none of the conditions specified in this subdivision exist before refilling the vessel with VOL. In no event shall the inspections required by this

subsection occur at intervals greater than ten (10) years in the case of vessels conducting the annual visual inspection as specified in subdivisions (2) and (3)(B) and at intervals no greater than five (5) years in the case of vessels specified in subdivision (3)(A).

- (5) Notify the department in writing at least thirty (30) days prior to the filling or refilling of each vessel for which an inspection is required by subdivisions (1) and (4) to afford the department the opportunity to have an observer present. If the inspection required by subdivision (4) is not planned and the Permittee could not have known about the inspection thirty (30) days in advance of refilling the vessel, the Permittee shall notify the department at least seven (7) days prior to the refilling of the vessel. Notification shall be made by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, this notification, including the written documentation, may be made in writing and sent by express mail so that it is received by the department at least seven (7) days prior to the refilling.
- (6) The Permittee of each vessel shall maintain a record containing the following information for each vessel:
 - (A) The vessel identification number.
 - (B) The vessel dimensions.
 - (C) The vessel capacity.
 - (D) A description of the emission control equipment for each vessel or a schedule for installation of emission control equipment with a certification that the emission control equipment meets the applicable standards.
- (7) The Permittee of each vessel equipped with a permanently affixed roof and internal floating roof shall comply with the following record keeping and reporting requirements:
 - (A) Keep a record of each inspection performed. Each record shall identify the following:
 - (i) The vessel inspected by identification number.
 - (ii) The date the vessel was inspected.
 - (iii) The observed condition of each component of the control equipment, including the following:
 - (a) Seals.
 - (b) Internal floating roof.
 - (c) Fittings.
 - (B) If any of the conditions described in (2) are detected during the required annual visual inspection, a record shall be maintained and a report shall be furnished to the department within thirty (30) days of the inspection. Each report shall identify the following:

- (i) The vessel by identification number.
 - (ii) The nature of the defects.
 - (iii) The date the vessel was emptied or the nature of and date the repair was made.
 - (C) After each inspection required by (3) of this rule that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in (3)(B), a record shall be maintained and a report shall be furnished to the department within thirty (30) days of the inspection. The report shall identify the following:
 - (i) The vessel by identification number.
 - (ii) The reason the vessel did not meet the specifications of section 326 IAC 8-9-4(a)(1)(A), 326 IAC 8-9-4(a)(2)(A), or 5(b) and list each repair made.
- (8) The Permittee of these tanks shall maintain these records for three (3) years. Records required by (6) shall be maintained for the life of the vessel.
- (c) Pursuant to 326 IAC 8-9, the six (6) organic liquid storage tanks, identified as 80-3, 80-5, 80-9, 80-12, 120-4, and 120-6, shall meet the following requirements:
 - (1) Determine the gap areas and maximum gap widths between the primary seal and the wall of the vessel and between the secondary seal and the wall of the vessel according to the following frequency:
 - (A) Measurements of gaps between the vessel wall and the primary seal (seal gaps) shall be performed during the hydrostatic testing of the vessel or within sixty (60) days of the initial fill with VOL and at least once every five (5) years thereafter.
 - (B) Measurements of gaps between the vessel wall and the secondary seal shall be performed within sixty (60) days of the initial fill with VOL and at least once per year thereafter.
 - (C) If any source ceases to store VOL for a period of one (1) year or more, subsequent introduction of VOL into the vessel shall be considered an initial fill for purposes of this subdivision.
 - (2) Determine gap widths and areas in the primary and secondary seals individually by the following procedures:
 - (A) Measure seal gaps, if any, at one (1) or more floating roof levels when the roof is floating off the roof leg supports.
 - (B) Measure seal gaps around the entire circumference of the vessel in each place where a one-eighth (c) inch diameter uniform probe passes freely (without forcing or binding against seal) between the seal and the wall of the vessel and measure the circumferential distance of each such location.

- (C) The total surface area of each gap described in clause (B) above shall be determined by using probes of various widths to measure accurately the actual distance from the vessel wall to the seal and multiplying each such width by its respective circumferential distance.
- (3) Add the gap surface area of each gap location for the primary seal and the secondary seal individually and divide the sum for each by the nominal diameter of the vessel and compare each ratio to the respective standards in subdivision (4).
- (4) Make necessary repairs or empty the vessel within forty-five (45) days of identification of seals not meeting the requirements listed in clauses (A) and (B) as follows:
 - (A) The accumulated area of gaps between the vessel wall and the mechanical shoe or liquid-mounted primary seal shall not exceed ten (10) square inches per foot of vessel diameter, and the width of any portion of any gap shall not exceed one and five-tenths (1.5) inches. There shall be no holes, tears, or other openings in the shoe, seal fabric, or seal envelope.
 - (B) The secondary seal shall meet the following requirements:
 - (i) The secondary seal shall be installed above the primary seal so that it completely covers the space between the roof edge and the vessel wall except as provided in subdivision (2)(C).
 - (ii) The accumulated area of gaps between the vessel wall and the secondary seal used in combination with a metallic shoe or liquid-mounted primary seal shall not exceed one (1) square inch per foot of vessel diameter, and the width of any portion of any gap shall not exceed five-tenths (0.5) inch. There shall be no gaps between the vessel wall and the secondary seal when used in combination with a vapor-mounted primary seal.
 - (iii) There shall be no holes, tears, or other openings in the seal or seal fabric.
 - (C) If a failure that is detected during inspections required in subdivision (1) cannot be repaired within forty-five (45) days and if the vessel cannot be emptied within forty-five (45) days, a thirty (30) day extension may be requested from the department in the inspection report required in section 6(d)(3) of this rule. Such extension request must include a demonstration of unavailability of alternate storage capacity and a specification of a schedule that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible.
- (5) Notify the department thirty (30) days in advance of any gap measurements required by subdivision (1) to afford the department the opportunity to have an observer present.
- (6) Visually inspect the external floating roof, the primary seal, secondary seal, and fittings each time the vessel is and degassed. For all visual inspections, the following requirements apply:

- (A) If the external floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal fabric, the Permittee shall repair the items as necessary so that none of the conditions specified in this clause exist before filling or refilling the vessel with VOL.
 - (B) The Permittee shall notify the department in writing at least thirty (30) days prior to the filling or refilling of each vessel to afford the department the opportunity to inspect the vessel prior to the filling. If the inspection required by this subdivision is not planned and the Permittee could not have known about the inspection thirty (30) days in advance of refilling the vessel, the Permittee shall notify the department at least seven (7) days prior to the refilling of the vessel. Notification shall be made by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, this notification including the written documentation may be made in writing and sent by express mail so that it is received by the department at least seven (7) days prior to the refilling
- (7) The Permittee of each vessel shall maintain a record containing the following information for each vessel:
- (A) The vessel identification number.
 - (B) The vessel dimensions.
 - (C) The vessel capacity.
 - (D) A description of the emission control equipment for each vessel, or a schedule for installation of emission control equipment on vessels with a certification that the emission control equipment meets the applicable standards.
- (8) The Permittee of each vessel equipped with an external floating roof shall comply with the following record keeping and reporting requirements:
- (A) Keep a record of each gap measurement performed as required by section 5(c) of this rule. Each record shall identify the vessel in which the measurement was made and shall contain the following:
 - (i) The date of measurement.
 - (ii) The raw data obtained in the measurement.
 - (iii) The calculations described in (2) and (3) above.
 - (B) Within sixty (60) days of performing the seal gap measurements required by (1) above, furnish the department with a report that contains the following:
 - (i) The date of measurement.
 - (ii) The raw data obtained in the measurement.
 - (iii) The calculations described in (2) and (3) above.
 - (c) After each seal gap measurement that detects gaps exceeding the limita-

tions submit a report to the department within thirty (30) days of the inspection. The report shall identify the vessel and contain the information specified in (8)(B) above and the date the vessel was emptied or the repairs made and date of repair.

- (9) The Permittee of these tanks shall maintain the records for three (3) years. Records required by (7) above shall be maintained for the life of the vessel.
- (d) Pursuant to 326 IAC 8-9, the two (2) organic liquid storage tanks, identified as 268-8 and G-1, and the one (1) bottom water storage tank, identified as 107, shall meet the following requirements:
 - (1) The Permittee of each vessel shall maintain a record containing the following information for each vessel:
 - (A) The vessel identification number,
 - (B) The vessel dimensions,
 - (C) The vessel capacity, and
 - (D) A description of the emission control equipment for each vessel, or a schedule for installation of emission control equipment on vessels with a certification that the emission control equipment meets the applicable standards.
 - (2) The Permittee of these tanks shall maintain records for the life of the vessel.
- (e) Pursuant to 326 IAC 8-9, the one (1) organic liquid storage tank, identified as 268-8, shall meet the following requirements:

The owner or operator of each vessel with a design capacity greater than or equal to thirty-nine thousand (39,000) gallons storing a liquid with a maximum true vapor pressure that is normally less than seventy-five hundredths (0.75) psia shall maintain a record and notify the department within thirty (30) days when the maximum true vapor pressure of the liquid exceeds seventy-five hundredths (0.75) psia.

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

D.1.5 Record Keeping Requirements

- (a) To document compliance with Conditions D.1.1(a) and D.1.2(b), the source shall:
 - (1) Maintain a record and containing the following information for each vessel:
 - (A) The vessel identification number.
 - (B) The vessel dimensions.
 - (C) The vessel capacity.
 - (D) A description of the emission control equipment for each vessel or a schedule for installation of emission control equipment with a certification that the emission control equipment meets the applicable standards.
 - (2) Keep a record of each inspection performed. Each record shall identify the following:

- (A) The vessel inspected by identification number.
 - (B) The date the vessel was inspected.
 - (C) The observed condition of each component of the control equipment, including the following:
 - (i) Seals.
 - (ii) Internal floating roof.
 - (iii) Fittings.
- (3) Maintain a record and submit to the department a report containing the following:
- (A) The vessel by identification number.
 - (B) The nature of the defects.
 - (C) The date the vessel was emptied or the nature of and date the repair was made.
- (4) Maintain a record and submit to the department a report containing the following:
- (A) The vessel by identification number.
 - (B) The reason the vessel did not meet the specifications of section 326 IAC 8-9-4(a)(1)(A), 326 IAC 8-9-4(a)(2)(A), or 5(b) and list each repair made.
- (5) The Permittee of these tanks shall maintain these records for three (3) years. Records required by (1) shall be maintained for the life of the vessel.
- (b) To document compliance with Conditions D.1.1(b) and D.1.2(a), the source shall:
- (1) Maintain a record containing the following information for each vessel:
 - (A) The vessel identification number.
 - (B) The vessel dimensions.
 - (C) The vessel capacity.
 - (D) A description of the emission control equipment for each vessel, or a schedule for installation of emission control equipment on vessels with a certification that the emission control equipment meets the applicable standards.
 - (2) The Permittee of each vessel equipped with an external floating roof shall comply with the following record keeping and reporting requirements:
 - (A) Keep a record of each gap measurement performed. Each record shall identify the vessel in which the measurement was made and shall contain the following:
 - (i) The date of measurement.

- (ii) The raw data obtained in the measurement.
 - (iii) The calculations described in Condition D.1.6(c)(2) and (3) above.
 - (B) Within sixty (60) days of performing the seal gap measurements required by (1) above, furnish the department with a report that contains the following:
 - (i) The date of measurement.
 - (ii) The raw data obtained in the measurement.
 - (iii) The calculations described in Condition D.1.6(c)(2) and (3) above.
 - (C) After each seal gap measurement that detects gaps exceeding the limitations submit a report to the department within thirty (30) days of the inspection. The report shall identify the vessel and contain the information specified in Condition D.1.6(c)(8)(B) above and the date the vessel was emptied or the repairs made and date of repair.
- (3) The Permittee of these tanks shall maintain the records for three (3) years. Records required by (1) above shall be maintained for the life of the vessel.
- (c) To document compliance with Condition D.1.4(d), the source shall:
 - (1) Maintain a record containing the following information for each vessel:
 - (A) The vessel identification number,
 - (B) The vessel dimensions,
 - (C) The vessel capacity, and
 - (D) A description of the emission control equipment for each vessel, or a schedule for installation of emission control equipment on vessels with a certification that the emission control equipment meets the applicable standards.
 - (2) The Permittee of these tanks shall maintain records for the life of the vessel.
- (d) To document compliance with Condition D.1.4(e), the source shall:

Maintain a record and notify the department within thirty (30) days when the maximum true vapor pressure of the liquid exceeds seventy-five hundredths (0.75) psia for each vessel with a design capacity greater than or equal to thirty-nine thousand (39,000) gallons.

D.1.6 Reporting Requirements

- (a) Pursuant to 326 IAC 8-9-6(c), the source shall:
 - (1) Maintain a record and submit to the department a report containing the following:
 - (A) The vessel by identification number.
 - (B) The nature of the defects.

- (C) The date the vessel was emptied or the nature of and date the repair was made.
- (2) Maintain a record and submit to the department a report containing the following:
 - (A) The vessel by identification number.
 - (B) The reason the vessel did not meet the specifications of section 326 IAC 8-9-4(a)(1)(A), 326 IAC 8-9-4(a)(2)(A), or 5(b) and list each repair made.
- (b) Pursuant to 326 IAC 8-9-6(d), the source shall:

The Permittee of each vessel equipped with an external floating roof shall comply with the following record keeping and reporting requirements:

 - (1) Within sixty (60) days of performing the seal gap measurements required by (1) above, furnish the department with a report that contains the following:
 - (A) The date of measurement.
 - (B) The raw data obtained in the measurement.
 - (C) The calculations described in Condition D.1.4(c)(2) and (3) above.
 - (2) After each seal gap measurement that detects gaps exceeding the limitations submit a report to the department within thirty (30) days of the inspection. The report shall identify the vessel and contain the information specified in Condition D.1.4(c)(8)(B) above and the date the vessel was emptied or the repairs made and date of repair.
- (c) Pursuant to 326 IAC 8-9-6(h), the source shall:

Maintain a record and notify the department within thirty (30) days when the maximum true vapor pressure of the liquid exceeds seventy-five hundredths (0.75) psia for each vessel with a design capacity greater than or equal to thirty-nine thousand (39,000) gallons.

SECTION D.2

FACILITY OPERATION CONDITIONS

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

- (b) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6. [326 IAC 8-3-2] [326 IAC 8-3-5]
- (n) One (1) diesel fuel pour point depressant storage tank, identified as 108, constructed in 2005, capacity: 15,000 gallons. [326 IAC 8-9]

(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 Volatile Organic Compounds (VOC) [326 IAC 8-3-2]

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.2.2 Volatile Organic Compounds (VOC) [326 IAC 8-3-5]

(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), the Permittee of a cold cleaning facility construction of which commenced after July 1, 1990, 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.

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

D.2.3 Monitoring

Pursuant to 326 IAC 8-9, the one (1) diesel fuel pour point depressant storage tank, identified as 108, shall meet the following requirements:

- (1) The Permittee of each vessel shall maintain a record and submit to the department a report containing the following information for each vessel:
 - (A) The vessel identification number,
 - (B) The vessel dimensions,
 - (C) The vessel capacity, and

- (D) A description of the emission control equipment for each vessel, or a schedule for installation of emission control equipment on vessels with a certification that the emission control equipment meets the applicable standards.

- (2) The Permittee of this tank shall maintain records for the life of the vessel.

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

D.2.4 Record Keeping Requirements

To document compliance with Condition D.2.3, the source shall:

- (1) Maintain a record and submit to the department a report containing the following information for each vessel:
 - (A) The vessel identification number,
 - (B) The vessel dimensions,
 - (C) The vessel capacity, and
 - (D) A description of the emission control equipment for each vessel, or a schedule for installation of emission control equipment on vessels with a certification that the emission control equipment meets the applicable standards.
- (2) The Permittee of this tank shall maintain records for the life of the vessel.

SECTION E.1

FACILITY OPERATION CONDITIONS

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

Griffith West

- (d) One (1) organic liquid storage tank, identified as 80-10, constructed in 1977, exhausting to a vent, identified as S3, equipped with an internal floating roof, maximum capacity: 3,259,452 gallons. Under NSPS 40 CFR 60, Subpart K, this facility is considered a petroleum liquid storage facility.
- (k) One (1) organic liquid storage tank, identified as 268-11, constructed in 1978, exhausting to a vent, identified as S9, equipped with an internal floating roof, maximum capacity: 10,550,694 gallons. Under NSPS 40 CFR 60, Subpart K, this facility is considered a petroleum liquid storage facility.

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

New Source Performance Standards (NSPS) Requirements

E.1.1 General Provisions Relating to NSPS, Subpart K [326 IAC 12-1] [40 CFR Part 60, Subpart A]

- (a) Pursuant to 40 CFR 60.1, the Permittee shall comply with the provisions of 40 CFR Part 60, Subpart A – General Provisions, which are incorporated by reference as 326 IAC 12-1-1 for the two (2) organic liquid storage tanks, identified as 80-10 and 268-11.
- (b) Pursuant to 40 CFR 60.10, the Permittee shall submit all required notifications and reports to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue,
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

E.1.2 NSPS, Subpart K, Requirements [40 CFR Part 60, Subpart K]

Pursuant to 40 CFR Part 60, Subpart K, the Permittee shall comply with the provisions of 40 CFR Part 60, Subpart K as specified as follows.

§ 60.110 Applicability and designation of affected facility.

- (c) Subject to the requirements of this subpart is any facility under paragraph (a) of this section which:
 - (2) Has a capacity greater than 246,052 liters (65,000 gallons) and commences construction or modification after June 11, 1973, and prior to May 19, 1978.

§ 60.111 Definitions.

As used in this subpart, all terms not defined herein shall have the meaning given them in the Act and in subpart A of this part.

- (a) *Storage vessel* means any tank, reservoir, or container used for the storage of petroleum liquids, but does not include:
 - (1) Pressure vessels which are designed to operate in excess of 15 pounds per square inch gauge without emissions to the atmosphere except under emergency conditions,

- (2) Subsurface caverns or porous rock reservoirs, or
- (3) Underground tanks if the total volume of petroleum liquids added to and taken from a tank annually does not exceed twice the volume of the tank.
- (b) *Petroleum liquids* means petroleum, condensate, and any finished or intermediate products manufactured in a petroleum refinery but does not mean Nos. 2 through 6 fuel oils as specified in ASTM D396–78, 89, 90, 92, 96, or 98, gas turbine fuel oils Nos. 2–GT through 4–GT as specified in ASTM D2880–78 or 96, or diesel fuel oils Nos. 2–D and 4–D as specified in ASTM D975–78, 96, or 98a. (These three methods are incorporated by reference—see §60.17.)
- (c) *Petroleum refinery* means each facility engaged in producing gasoline, kerosene, distillate fuel oils, residual fuel oils, lubricants, or other products through distillation of petroleum or through redistillation, cracking, extracting, or reforming of unfinished petroleum derivatives.
- (d) *Petroleum* means the crude oil removed from the earth and the oils derived from tar sands, shale, and coal.
- (e) *Hydrocarbon* means any organic compound consisting predominantly of carbon and hydrogen.
- (f) *Condensate* means hydrocarbon liquid separated from natural gas which condenses due to changes in the temperature and/or pressure and remains liquid at standard conditions.
- (g) *Custody transfer* means the transfer of produced petroleum and/or condensate, after processing and/or treating in the producing operations, from storage tanks or automatic transfer facilities to pipelines or any other forms of transportation.
- (h) *Drilling and production facility* means all drilling and servicing equipment, wells, flow lines, separators, equipment, gathering lines, and auxiliary nontransportation-related equipment used in the production of petroleum but does not include natural gasoline plants.
- (i) *True vapor pressure* means the equilibrium partial pressure exerted by a petroleum liquid as determined in accordance with methods described in American Petroleum Institute Bulletin 2517, Evaporation Loss from External Floating-Roof Tanks, Second Edition, February 1980 (incorporated by reference—see §60.17).
- (j) *Floating roof* means a storage vessel cover consisting of a double deck, pontoon single deck, internal floating cover or covered floating roof, which rests upon and is supported by the petroleum liquid being contained, and is equipped with a closure seal or seals to close the space between the roof edge and tank wall.
- (k) *Vapor recovery system* means a vapor gathering system capable of collecting all hydrocarbon vapors and gases discharged from the storage vessel and a vapor disposal system capable of processing such hydrocarbon vapors and gases so as to prevent their emission to the atmosphere.
- (l) *Reid vapor pressure* is the absolute vapor pressure of volatile crude oil and volatile nonviscous petroleum liquids, except liquified petroleum gases, as determined by ASTM D323–82 or 94 (incorporated by reference—see §60.17).

§ 60.112 Standard for volatile organic compounds (VOC).

- (a) The owner or operator of any storage vessel to which this subpart applies shall store petroleum liquids as follows:
 - (1) If the true vapor pressure of the petroleum liquid, as stored, is equal to or greater than 78 mm Hg (1.5 psia) but not greater than 570 mm Hg (11.1 psia), the storage vessel shall be equipped with a floating roof, a vapor recovery system, or their equivalents.
 - (2) If the true vapor pressure of the petroleum liquid as stored is greater than 570 mm Hg (11.1 psia), the storage vessel shall be equipped with a vapor recovery system or its equivalent.

§ 60.113 Monitoring of operations.

- (a) Except as provided in paragraph (d) of this section, the owner or operator subject to this subpart shall maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period.
- (b) Available data on the typical Reid vapor pressure and the maximum expected storage temperature of the stored product may be used to determine the maximum true vapor pressure from nomographs contained in API Bulletin 2517, unless the Administrator specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s).
- (c) The true vapor pressure of each type of crude oil with a Reid vapor pressure less than 13.8 kPa (2.0 psia) or whose physical properties preclude determination by the recommended method is to be determined from available data and recorded if the estimated true vapor pressure is greater than 6.9 kPa (1.0 psia).

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY**

**PART 70 OPERATING PERMIT
CERTIFICATION**

Source Name: Marathon Pipeline, LLC
Source Address: 1900 West Avenue H, Griffith, Indiana 46319 and
Division Street & Avenue H, Schererville, Indiana 46375
Mailing Address: 539 South Main Street, Findlay, Ohio 45840
Part 70 Permit No.: T 089-17511-00072

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:

Phone:

Date:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY**

**COMPLIANCE BRANCH
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
Phone: 317-233-0178
Fax: 317-233-6865**

and

**Northwest Regional Office
8315 Virginia Street, Suite 1
Merrillville, Indiana 46410-9201
Phone: (219) 757-0265; Fax: (219) 757-0267**

**PART 70 OPERATING PERMIT
EMERGENCY OCCURRENCE REPORT**

Source Name: Marathon Pipeline, LLC
Source Address: 1900 West Avenue H, Griffith, Indiana 46319
Division Street & Avenue H, Schererville, Indiana 46375
Mailing Address: 539 South Main Street, Findlay, Ohio 45840
Part 70 Permit No.: T 089-17511-00072

This form consists of 2 pages

Page 1 of 2

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

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

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

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

Page 2 of 2

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

Form Completed by: _____
Title / Position: _____
Date: _____
Phone: _____

A certification is not required for this report.

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

**PART 70 OPERATING PERMIT
 QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: Marathon Pipeline, LLC
 Source Address: 1900 West Avenue H, Griffith, Indiana 46319
 Division Street & Avenue H, Schererville, Indiana 46375
 Mailing Address: 539 South Main Street, Findlay, Ohio 45840
 Part 70 Permit No.: T 089-17511-00072

Months: _____ **to** _____ **Year:** _____

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

Addendum to the
Technical Support Document for a Part 70 Operating Permit Renewal

Source Name: Marathon Pipe Line, L.L.C
Source Location: 1900 West Avenue H, Griffith, Indiana 46319 and
 Division Street & Avenue H, Schererville, Indiana 46375
County: Lake
SIC Code: 4613
Operation Permit No.: T 089-17511-00072
Permit Reviewer: Michael A. Morrone/MES

On May 26, 2007, the Office of Air Quality (OAQ) had a notice published in The Post Tribune, Merrillville, Indiana, stating that Marathon Pipe Line, L.L.C. had applied for a Part 70 Operating Permit Renewal to operate a petroleum products storage source. The notice also stated that OAQ proposed to issue a Part 70 Operating Permit for this operation and provided information on how the public could review the proposed Part 70 Operating Permit and other documentation. Finally, the notice informed interested parties that there was a period of thirty (30) days to provide comments on whether or not this Part 70 Operating Permit should be issued as proposed.

Upon further review, the OAQ has decided to make the following changes to the Part 70 Operating Permit: The permit language is changed to read as follows (deleted language appears as ~~strikeouts~~, new language is **bolded**):

Change 1:

Condition A.1 of the permit has been revised to reflect the correct status for PM_{2.5} for Lake County as follows:

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 petroleum products storage source.

Source Address:	1900 West Avenue H, Griffith, Indiana 46319 and Division Street & Avenue H, Schererville, Indiana 46375
Mailing Address:	539 South Main Street, Findlay, Ohio 45840
General Source Phone Number:	419-421-4000
SIC Code:	4613
County Location:	Lake
Source Location Status:	Nonattainment for PM_{2.5} , PM ₁₀ , and 8-hour ozone Attainment for all other criteria pollutants
Source Status:	Part 70 Operating Permit Program Major Source under Emission Offset Rules Minor Source under PSD Rules Minor Source, Section 112 of the Clean Air Act 1 of 28 Source Categories

Change 2:

Conditions A.3(d) and (k), and the equipment description boxes in Section D.1. and E.1 of the permit have been updated to reflect the New Source Performance Standards (NSPS) applicability for the emission units described as follows:

A.3 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:

Griffith West

- (d) One (1) organic liquid storage tank, identified as 80-10, constructed in 1977, exhausting to a vent, identified as S3, equipped with an internal floating roof, maximum capacity: 3,259,452 gallons. **Under NSPS 40 CFR 60, Subpart K, this facility is considered a petroleum liquid storage facility.**
- (k) One (1) organic liquid storage tank, identified as 268-11, constructed in 1978, exhausting to a vent, identified as S9, equipped with an internal floating roof, maximum capacity: 10,550,694 gallons. **Under NSPS 40 CFR 60, Subpart K, this facility is considered a petroleum liquid storage facility.**

SECTION D.1

FACILITY OPERATION CONDITIONS

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

Griffith West

- (d) One (1) organic liquid storage tank, identified as 80-10, constructed in 1977, exhausting to a vent, identified as S3, equipped with an internal floating roof, maximum capacity: 3,259,452 gallons. **Under NSPS 40 CFR 60, Subpart K, this facility is considered a petroleum liquid storage facility.**
- (k) One (1) organic liquid storage tank, identified as 268-11, constructed in 1978, exhausting to a vent, identified as S9, equipped with an internal floating roof, maximum capacity: 10,550,694 gallons. **Under NSPS 40 CFR 60, Subpart K, this facility is considered a petroleum liquid storage facility.**

SECTION E.1

FACILITY OPERATION CONDITIONS

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

Griffith West

- (d) One (1) organic liquid storage tank, identified as 80-10, constructed in 1977, exhausting to a vent, identified as S3, equipped with an internal floating roof, maximum capacity: 3,259,452 gallons. **Under NSPS 40 CFR 60, Subpart K, this facility is considered a petroleum liquid storage facility.**
- (k) One (1) organic liquid storage tank, identified as 268-11, constructed in 1978, exhausting to a vent, identified as S9, equipped with an internal floating roof, maximum capacity: 10,550,694 gallons. **Under NSPS 40 CFR 60, Subpart K, this facility is considered a petroleum liquid storage facility.**

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

Change 3:

Condition B.11(b)(5) of the permit has been updated to include the address of the Northwest Regional Office as follows:

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

(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 and **the** Northwest Regional Office 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: 317-233-0178 (ask for Compliance Section)
Facsimile Number: 317-233-6865
Northwest Regional Office phone: (219) 757-0265; fax: (219) 757-0267

- (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
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

and

**Northwest Regional Office
8315 Virginia Street, Suite 1
Merrillville, Indiana 46410-9201**

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).

Change 4:

Condition C.15(c) has been revised as follows:

C.15 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6] [326 IAC 2-2]
[326 IAC 2-3]

- (c) If there is a "project" (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(ll)) **at affecting** an existing emissions unit **other than a source with a Plantwide Applicability Limitation (PAL)**, which is not part of a "major modification" (as defined in 326 IAC 2-2-1(ee) and/or 326 IAC 2-3-1(z)) and the Permittee elects to utilize the "projected actual emissions" (as defined in 326 IAC 2-2-1(rr) and/or 326 IAC 2-3-1(mm)), the Permittee shall comply with following:

Change 5:

The address, phone, and fax of the Northwest Regional Office has been added to the first page of the Emergency Occurrence Report form as follows:

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY

COMPLIANCE BRANCH
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
Phone: 317-233-0178
Fax: 317-233-6865

and

Northwest Regional Office
8315 Virginia Street, Suite 1
Merrillville, Indiana 46410-9201
Phone: (219) 757-0265; Fax: (219) 757-0267

PART 70 OPERATING PERMIT
EMERGENCY OCCURRENCE REPORT

Source Name: Marathon Pipeline, LLC
Source Address: 1900 West Avenue H, Griffith, Indiana 46319
Division Street & Avenue H, Schererville, Indiana 46375
Mailing Address: 539 South Main Street, Findlay, Ohio 45840
Part 70 Permit No.: T 089-17511-00072

This form consists of 2 pages

Page 1 of 2

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

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

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

**Indiana Department of Environmental Management
Office of Air Quality**

Technical Support Document (TSD) for a Part 70 Operating Permit Renewal

Source Background and Description

Source Name:	Marathon Pipe Line, LLC
Source Location:	1900 West Avenue H, Griffith, Indiana 46319 and Division Street & Avenue H, Schererville, Indiana 46375
County:	Lake
SIC Code:	4613
Operation Permit No.:	T 089-7554-00072
Operation Permit Issuance Date:	September 23, 1998
Permit Renewal No.:	T 089-17511-00072
Permit Reviewer:	Michael A. Morrone

History

The Office of Air Quality (OAQ) has reviewed a Part 70 Operating Permit Renewal application, received on December 26, 2002 from Marathon Pipe Line, LLC relating to the operation of a petroleum products storage source. Marathon Pipe Line, LLC purchased the TEPPCO Griffith Terminal, Plant ID 089-00053 and located at Division Street and Avenue H, Schererville Indiana 46375 in 2002. Marathon Pipe Line, LLC requested to incorporate the TEPPCO source into its Title V Renewal. The TEPPCO Griffith facility had been operating under Operation Permit 45-05-92-0461, issued on August 12, 1988. In addition, the TEPPCO Griffith source had a Part 70 Operating Permit T 089-7660-00053 go to Public Notice in 2000, but it was never issued.

In a letter received on November 17, 2006, Marathon Pipe Line, LLC stated that the two (2) internal floating roof tanks, identified as T-19 and T-20, which were previously identified as Tanks 5462 and 5463 when they were in operation at the former TEPPCO Griffith Terminal, have been removed from the source. In addition, as part of the application received on December 26, 2002, Marathon Pipe Line, LLC had explained that the tanks located at the former TEPPCO Griffith Terminal had their identification numbers changed and their capacities recalculated when they assumed control of the facility. The capacities of all tanks were revised in an NOD response received on February 8, 2007 and in pre-Public Notice comments received on April 3, 2007.

Source Definition

Marathon Pipe Line, LLC (Marathon), Plant ID. 089-00072, now owns the Teppco Griffith Terminal (Teppco), Plant ID. 089-00053. Marathon purchased Teppco in 2002. Both Marathon and Teppco are refined petroleum pipeline terminals. These two (2) sources are located on contiguous properties, separated by a right of way, Avenue H.

326 Indiana Administrative Code (IAC) 2-7-1 (22) sets out the definition of the term "major source". In order for these two sources to be considered one major source, they must meet all three of the following criteria:

- (a) the sources must be under common ownership or control;
- (b) the sources must have the same two digit Standard Industrial Classification (SIC) Code or one must serve as a support facility for the other; and,
- (c) the sources must be located on contiguous or adjacent properties.

Marathon is the common owner of Marathon and Teppco. The two (2) sources have the same two (2) digit SIC Code, 46, and are located on contiguous properties. IDEM, OAQ has determined

that the two (2) sources meet all the criteria of 326 IAC 2-7-1 (22) and are one (1) major source, effective on the date of issuance of this Title V permit.

- (a) Marathon Pipeline, LLC, Plant ID: 089-00072, is located at 1900 West Avenue. H, Griffith, Indiana 46319, and
- (b) TEPPCO Griffith Terminal, Plant ID: 089-00053, is located at Division St. & Avenue H., Schererville, Indiana 46375.

Permitted Emission Units and Pollution Control Equipment

The source consists of the following permitted emission units and pollution control devices:

Griffith West

- (a) One (1) organic liquid storage tank, identified as 80-3, constructed in 1958, exhausting to a vent, identified as S1, equipped with an external floating roof, maximum capacity: 3,064,614 gallons.
- (b) One (1) organic liquid storage tank, identified as 80-5, constructed in 1958, exhausting to a vent, identified as S7, equipped with an external floating roof, maximum capacity: 3,094,518 gallons.
- (c) One (1) organic liquid storage tank, identified as 80-9, constructed in 1958, exhausting to a vent, identified as S2, equipped with an external floating roof, maximum capacity: 3,069,696 gallons.
- (d) One (1) organic liquid storage tank, identified as 80-10, constructed in 1977, exhausting to a vent, identified as S3, equipped with an internal floating roof, maximum capacity: 3,259,452 gallons.
- (e) One (1) organic liquid storage tank, identified as 80-12, constructed in 1959, exhausting to a vent, identified as S4, equipped with an external floating roof, maximum capacity: 3,058,818 gallons.
- (f) One (1) bottom water storage tank, identified as 107, constructed in 2002, exhausting to a vent, identified as S11, equipped with a vertical fixed roof, maximum capacity: 16,900 gallons. A thin layer of hydrocarbon may form on top of the water, however the tank's contents are primarily water.
- (g) One (1) organic liquid storage tank, identified as 120-4, constructed in 1958, exhausting to a vent, identified as S5, equipped with an external floating roof, maximum capacity: 4,543,014 gallons.
- (h) One (1) organic liquid storage tank, identified as 120-6, constructed in 1958, exhausting to a vent, identified as S6, equipped with an external floating roof, maximum capacity: 4,698,792 gallons.
- (i) One (1) organic liquid storage tank, identified as 217-7, constructed in 1958, exhausting to a vent, identified as S8, equipped with an internal floating roof, maximum capacity: 8,385,048 gallons.
- (j) One (1) organic liquid storage tank, identified as 268-8, constructed in 1958, exhausting to a vent, identified as S10, equipped with a vertical fixed roof, maximum capacity: 11,119,164 gallons.

- (k) One (1) organic liquid storage tank, identified as 268-11, constructed in 1978, exhausting to a vent, identified as S9, equipped with an internal floating roof, maximum capacity: 10,550,694 gallons.
- (l) One (1) horizontal pressurized organic liquid storage tank, identified as G-1, constructed in 1977, exhausting to a vent, identified as S14, designed to have no measureable emissions, maximum capacity: 26,040 gallons.
- (m) One (1) organic liquid storage tank, identified as T-1, constructed in 1958, exhausting to a vent, identified as S12, equipped with an internal floating roof, maximum capacity: 158,256 gallons.
- (n) One (1) organic liquid storage tank, identified as T-2, constructed in 1958, exhausting to a vent, identified as S13, equipped with an internal floating roof, maximum capacity: 149,346 gallons.

Griffith East

- (o) One (1) organic liquid storage tank, identified as 35-13 (formerly identified as Tank 5404), constructed in 1971, exhausting to a vent, identified as Vent 004, equipped with an internal floating roof, capacity: 1,407,756 gallons.
- (p) One (1) organic liquid storage tank, identified as 35-14 (formerly identified as Tank 5405), constructed in 1971, exhausting to a vent, identified as Vent 006, equipped with an internal floating roof, capacity: 1,463,574 gallons.
- (q) One (1) organic liquid storage tank, identified as 67-15 (formerly identified as Tank 5403), constructed in 1971, exhausting to a vent, identified as Vent 003, equipped with an internal floating roof, capacity: 2,578,548 gallons.
- (r) One (1) organic liquid storage tank, identified as 67-16 (formerly identified as Tank 5402), constructed in 1971, exhausting to a vent, identified as Vent 002, equipped with an internal floating roof, capacity: 2,661,162 gallons.
- (s) One (1) organic liquid storage tank, identified as 80-17 (formerly identified as Tank 5401), constructed in 1971, exhausting to a vent, identified as Vent 001, equipped with an internal floating roof, capacity: 3,232,824 gallons.
- (t) One (1) organic liquid storage tank, identified as T-18 (formerly identified as Tank 5461), constructed in 1971, exhausting to a vent, identified as Vent 009, equipped with an internal floating roof, capacity: 112,518 gallons.

Emission Units and Pollution Control Equipment Removed From the Source

- (a) One (1) organic liquid storage tank, identified as T-19 (formerly identified as Tank 5462), constructed in 1971, exhausting to a vent, identified as Vent 007, equipped with an internal floating roof, capacity: 115,500 gallons.
- (b) One (1) organic liquid storage tank, identified as T-20 (formerly identified as Tank 5463), constructed in 1981, equipped with an internal floating roof, capacity: 119,406 gallons.

Unpermitted Emission Units and Pollution Control Equipment

There are no unpermitted emission units operating at this source during this review process.

New Emission Units and Pollution Control Equipment Receiving Advanced Source Modification Approval

There are no proposed emission units during this review process.

Insignificant Activities

The source also consists of the following insignificant activities, as defined in 326 IAC 2-7-1(21):

- (a) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million British thermal units per hour, including the following:
 - (1) One (1) furnace, identified as F-1, exhausting to the general ventilation, heat input capacity: 0.100 million British thermal units per hour.
 - (2) One (1) furnace, identified as F-2, exhausting to the general ventilation, heat input capacity: 0.135 million British thermal units per hour.
- (b) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6. [326 IAC 8-3-2] [326 IAC 8-3-5]
- (c) Process vessel degassing and cleaning to prepare for internal repairs.
- (d) Paved and unpaved roads and parking lots with public access. [326 IAC 6-4]
- (e) Equipment used to collect any material that might be released during a malfunction, process upset, or spill cleanup, including catch tanks, temporary liquid separators, tanks and fluid handling equipment.
- (f) Purge double block and bleed valves.
- (g) A laboratory as defined in 326 IAC 2-7-1(21)(D).
- (h) On-site groundwater remediation.
- (i) The following VOC and HAP storage containers: Vessels storing lubricating oils, hydraulic oils, machining oils, and machining fluids.
- (j) Blowdown for any of the following: sight glass; boiler; compressors; pumps; and cooling towers.
- (k) Emergency generator as follows: one (1) gasoline powered, spark ignition engine, capacity: ten (10.0) horsepower per hour.
- (l) Filter or coalescer media changeout.
- (m) Activities or categories not previously identified with emissions less than significant thresholds:
 - (1) A flare for burning propane or butane from the system in case of emergency or during maintenance activities.

- (2) Product sampling of gasoline and fuel oil for quality control purposes from incoming batches and from the tanks. Up to 200 samples are collected each month with a maximum container size of up to one (1) quart.
- (n) One (1) diesel fuel pour point depressant storage tank, identified as 108, constructed in 2005, capacity: 15,000 gallons.
- (o) Routine maintenance and repair of buildings, structures, or vehicles at the source where air emissions from those activities would not be associated with any production processes, including purging of gas lines and purging of vessels.

Existing Approvals

Marathon Pipeline, LLC has been operating under the previous Part 70 Operating Permit 089-7554-00072 issued on September 23, 1998 and the following amendments and modifications:

- (a) Reopening 089-13366-00072, issued on February 6, 2002;
- (b) Review Request 089-16518-00072, issued on December 6, 2002; and
- (c) Administrative Amendment 089-21576-00072, issued on September 14, 2005.

The TEPPCO Griffith plant (089-00053) has been operating under the following previous approvals:

- (a) Operation Permit 45-04-82-0295, issued on May 4, 1979;
- (b) Registration, issued on January 24, 1985;
- (c) Registration, issued on February 14, 1985; and
- (d) Operation Permit 45-05-92-0461, issued on August 12, 1988.

All terms and conditions of previous permits issued pursuant to permitting programs approved into the state implementation plan have been either incorporated as originally stated, revised, or deleted by this proposed permit. All previous registrations and permits are superseded by this permit.

The following terms and conditions from previous approvals have been determined no longer applicable; therefore, were not incorporated into this proposed Part 70 Operating Permit:

Condition D.1.4 from AA 089-21576-00072, issued on September 14, 2005:

D.1.4 Testing Requirements [326 IAC 2-7-6(1),(6)]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the VOC limit specified in Conditions D.1.2 and D.1.2 shall be determined by a performance test conducted in accordance with Section C – Performance Testing.

Reason not incorporated:

Testing requirements conditions are no longer put in the D section of permits unless there is a testing requirement being written into the permit for a specific emission unit. In this case, all VOC and HAPs emissions are based on MSDS provided by the source and calculations made by the

US EPA's TANKS software, Version 4.09d, so a specific testing requirement in the D section of the permit is not necessary.

Enforcement Issue

There are no enforcement actions pending.

Recommendation

The staff recommends to the Commissioner that the Part 70 Operating Permit 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 administratively complete Part 70 Operating Permit renewal application for the purposes of this review was received on December 26, 2002. Additional information was received on April 29 and June 24, 2003, November 16, 2006 and February 8, 2007.

Emission Calculations

See pages 1 through 8 of Appendix A of this document for detailed emissions calculations. The VOC and HAPs emissions calculations presented in the spreadsheets were calculated using the US EPA's TANKS Version 4.09d software.

Potential to Emit of the Source

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

Marathon Pipe Line, LLC was issued a Part 70 Operating Permit, T 089-7554-00072, on September 23, 1998. In addition, Marathon purchased the TEPPCO Griffith source in 2002. The emission units at that source are also included in the table below, which summarizes the potential to emit, reflecting all limits, of the emission units. Any control equipment is considered enforceable only after issuance of the original Part 70 Operating Permit and only to the extent that the effect of the control equipment is made practically enforceable in the permit.

Process/ Emission Unit	Potential To Emit (tons/yr)						
	PM	PM ₁₀	SO ₂	VOC	CO	NO _x	HAPs
The following organic liquid storage tanks:							
Griffith West							
80-3	0.00	0.00	0.00	8.28	0.00	0.00	0.133 single; 0.431 total
80-5	0.00	0.00	0.00	11.8	0.00	0.00	1.41 single; 1.89 total
80-9	0.00	0.00	0.00	10.5	0.00	0.00	0.168 single; 0.545 total

	Potential To Emit (tons/yr)						
Process/ Emission Unit	PM	PM ₁₀	SO ₂	VOC	CO	NO _x	HAPs
80-10	0.00	0.00	0.00	7.09	0.00	0.00	0.113 single; 0.369 total
80-12	0.00	0.00	0.00	11.8	0.00	0.00	0.189 single; 0.615 total
107	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120-4	0.00	0.00	0.00	12.4	0.00	0.00	1.48 single; 1.99 total
120-6	0.00	0.00	0.00	12.4	0.00	0.00	1.48 single; 1.99 total
217-7	0.00	0.00	0.00	14.9	0.00	0.00	0.238 single; 0.772 total
268-8	0.00	0.00	0.00	3.76	0.00	0.00	0.026 single; 0.038 total
268-11	0.00	0.00	0.00	17.3	0.00	0.00	2.06 single; 2.78 total
G-1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
T-1	0.00	0.00	0.00	2.20	0.00	0.00	0.035 single; 0.110 total
T-2	0.00	0.00	0.00	1.43	0.00	0.00	0.023 single; 0.071 total
Griffith East							
Process/ Emission Unit	PM	PM ₁₀	SO ₂	VOC	CO	NO _x	HAPs
35-13	0.00	0.00	0.00	3.40	0.00	0.00	0.405 single; 0.545 total
35-14	0.00	0.00	0.00	2.70	0.00	0.00	0.043 single; 0.140 total
67-15	0.00	0.00	0.00	6.36	0.00	0.00	0.102 single; 0.331 total
67-16	0.00	0.00	0.00	3.79	0.00	0.00	0.061 single; 0.179 total
80-17	0.00	0.00	0.00	4.24	0.00	0.00	0.504 single; 0.678 total
T-18	0.00	0.00	0.00	0.835	0.00	0.00	0.013 single; 0.042 total
Combined Source							
Fugitive Emissions	0.00	0.00	0.00	1.29	0.00	0.00	0.021 single; 0.067 total
Degreasing Operations	0.00	0.00	0.00	0.017	0.00	0.00	0.00
Natural gas-fired combustion units	0.002	0.008	0.001	0.006	0.086	0.103	0.002 single; 0.002 total
Emergency Generator	0.002	0.002	0.001	0.006	1.10	0.028	0.00
Total Emissions	0.004	0.010	0.002	137	1.18	0.130	7.34 single; 13.5 total

- (a) The potential to emit (as defined in 326 IAC 2-7-1(29)) of VOC are equal to or greater than one-hundred (100) tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-7.
- (b) Fugitive Emissions
 Since this type of operation is one of the twenty-eight (28) listed source categories under 326 IAC 2-2 and since there are applicable New Source Performance Standards that were in effect on August 7, 1980, the fugitive emissions are counted toward determination of PSD and Emission Offset applicability.

Actual Emissions

The following table shows the actual emissions from the source. This information reflects the 2003 OAQ emission data.

Pollutant	Actual Emissions (tons/year)
PM	not reported
PM ₁₀	not reported
SO ₂	not reported
VOC	84.0
CO	not reported
NO _x	not reported
HAP	not reported

County Attainment Status

The source is located in Lake County.

Pollutant	Status
PM _{2.5}	attainment
PM ₁₀	nonattainment
SO ₂	attainment
NO _x	attainment
8-Hour Ozone	moderate nonattainment
CO	attainment
Lead	attainment

- (a) Volatile organic compounds (VOC) and nitrogen oxides (NO_x) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone.

VOC and NO_x emissions are considered when evaluating the rule applicability relating to the 8-hour ozone standard. Lake County has been designated as nonattainment for the 8-

hour ozone standard. Therefore, VOC and NO_x emissions were reviewed pursuant to the requirements of 326 IAC 2-3, Emission Offset. See the State Rule Applicability - Entire Source section of this document.

- (b) U.S.EPA in Federal Register Notice 70 FR 943 dated January 5, 2005 has designated Lake County as nonattainment for PM_{2.5}. On March 7, 2005 the Indiana Attorney General's Office on behalf of IDEM filed a lawsuit with the Court of Appeals for the District of Columbia Circuit challenging U.S. EPA's designation of nonattainment areas without sufficient data. However, in order to ensure that sources are not potentially liable for violation of the Clean Air Act, the OAQ is following the U.S. EPA's guidance to regulate PM₁₀ emissions as a surrogate for PM_{2.5} emissions pursuant to the Nonattainment New Source Review requirements. See the State Rule Applicability - Entire Source section of this document.
- (c) Lake County has been classified as attainment or unclassifiable in Indiana for SO₂, NO_x, and CO. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2. See the State Rule Applicability - Entire Source section of this document.
- (d) On October 25, 2006, the Indiana Air Pollution Control Board finalized a rule revision to 326 IAC 1-4-1 redesignating Delaware, Greene, Jackson, Vanderburgh, Vigo and Warrick Counties to attainment for the eight-hour ozone standard, redesignating Lake County to attainment for the sulfur dioxide standard, and revoking the one-hour ozone standard in Indiana.

Part 70 Operating Permit Conditions

This source is subject to the requirements of 326 IAC 2-7, pursuant to which the source has to meet the following:

- (a) Emission limitations and standards, including those operational requirements and limitations that assure compliance with all applicable requirements at the time of issuance of Part 70 Operating Permits.
- (b) Monitoring and related record keeping requirements which assure that all reasonable information is provided to evaluate continuous compliance with the applicable requirements.

Federal Rule Applicability

- (a) This source does not involve a pollutant-specific emissions unit as defined in 40 CFR 64.1 that has the potential to emit before controls equal to or greater than the major source threshold for VOC, and is subject to an emission limitation or standard for VOC.

Therefore, the requirements of 40 CFR Part 64, Compliance Assurance Monitoring, are not applicable to this source.

- (b) The two (2) furnaces, identified as F-1 and F-2, deemed insignificant activities, are not steam generating units. Therefore, the requirements of 40 CFR 60, Subpart D, Standards of Performance for Fossil-Fuel-Fired Steam Generators for Which Construction is Commenced After August 17, 1971, Subpart Da, Standards of Performance for Electric Utility Steam Generating Units for Which Construction is Commenced After September 18, 1978, and Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units, are not included in the permit.

- (c) The two (2) organic liquid storage tanks, identified as 80-10 and 268-11, were each constructed after June 11, 1973 and prior to May 19, 1978, and have capacities of 3,259,452 gallons and 10,550,694 gallons, respectively, which are greater than 65,000 gallons. Therefore, the requirements of the New Source Performance Standard, Subpart K, Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978, are included in the permit for the two (2) organic liquid storage tanks, identified as 80-10 and 268-11.

The two (2) organic liquid storage tanks, identified as 80-10 and 268-11, are subject to the following portions of Subpart K. Non applicable portions of the NSPS will not be included in the permit.

- (1) 40 CFR 60.110(c)(2)
- (2) 40 CFR 60.111
- (3) 40 CFR 60.112
- (4) 40 CFR 60.113(a) through (c)

The provisions of 40 CFR 60 Subpart A – General Provisions, which are incorporated as 326 IAC 12-1-1, apply to the facility described in this section except when otherwise specified in 40 CFR 60 Subpart K.

- (d) The fourteen (14) organic liquid storage tanks, identified as 35-13, 35-14, 67-15, 67-16, 80-3, 80-5, 80-9, 80-12, 80-17, 120-4, 120-6, 217-7, T-1, T-2, and T-18 were each constructed before June 11, 1973. Therefore, the requirements of the New Source Performance Standard, 40 CFR 60, Subpart K, Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978, are not included in the permit.
- (e) The one (1) organic liquid storage tank, identified as G-1, was constructed between June 11, 1973 and May 19, 1978, but has a capacity of 26,040 gallons, which is less than 40,000 gallons per year. Therefore, the requirements of the New Source Performance Standard, 40 CFR 60, Subpart K, Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978, are not included in the permit.
- (f) The one (1) bottom water storage tank, identified as 107, and the one (1) diesel fuel pour point depressant storage tank, identified as 108, were each constructed after May 19, 1978. Therefore, the requirements of the New Source Performance Standard, 40 CFR 60, Subpart K, Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978, are not included in the permit.
- (g) The seventeen (17) organic liquid storage tanks, identified as 35-13, 35-14, 67-15, 67-16, 80-3, 80-5, 80-9, 80-10, 80-12, 80-17, 120-4, 120-6, 217-7, T-1, T-2, T-18, G-1, and 268-11, were each constructed prior to May 18, 1978. Therefore, the requirements of the New Source Performance Standard, 40 CFR 60, Subpart Ka, Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984, are not included in the permit.
- (h) The one (1) bottom water storage tank, identified as 107, and the one (1) diesel fuel pour

point depressant storage tank, identified as 108, were constructed after July 23, 1984. Therefore, the requirements of the New Source Performance Standard, 40 CFR 60, Subpart Ka, Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984, are not included in the permit.

- (i) The seventeen (17) organic liquid storage tanks, identified as 35-13, 35-14, 67-15, 67-16, 80-3, 80-5, 80-9, 80-10, 80-12, 80-17, 120-4, 120-6, 217-7, T-1, T-2, T-18, G-1, and 268-11, were each constructed prior to July 23, 1984. Therefore, the requirements of the New Source Performance Standard, 40 CFR 60, Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 are not included in the permit.
- (j) The one (1) bottom water storage tank, identified as 107, was constructed after July 23, 1984, but no longer stores organic liquids. Therefore, the requirements of the New Source Performance Standard, 40 CFR 60, Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 are not included in the permit.
- (k) The one (1) diesel fuel pour point depressant storage tank, identified as 108, was constructed after July 23, 1984, but has a storage capacity of 15,000 gallons, which is less than 19,812.9 gallons (75 m³). Therefore, the requirements of the New Source Performance Standard, 40 CFR 60, Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 are not included in the permit.
- (l) This source is not a bulk gasoline terminal because it does not deliver liquid product into gasoline tank trucks. Therefore, the requirements of the New Source Performance Standard, 40 CFR 60, Subpart XX, Standards of Performance for Bulk Gasoline Terminals, are not included in the permit.
- (m) The emergency generator is a spark-ignition engine, not an internal combustion engine. Therefore, the requirements of the New Source Performance Standard, 40 CFR 60, Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines, are not included in the permit.
- (n) There are no other New Source Performance Standards included in the permit for this source.
- (o) This source is an area source for HAPs. Therefore, the requirements of the National Emission Standard for Hazardous Air Pollutants, 40 CFR 63, Subpart R, National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations), are not included in the permit.
- (p) The degreasing operations do not use halogenated solvents. Therefore, the requirements of the National Emission Standard for Hazardous Air Pollutants, 40 CFR 63, Subpart T, National Emission Standards for Halogenated Solvent Cleaning, are not included in the permit.
- (q) This source is not a petroleum refinery. Therefore, the requirements of the National Emission Standard for Hazardous Air Pollutants, 40 CFR 63, Subpart CC, National Emission Standards for Hazardous Air Pollutants From Petroleum Refineries, are not

included in the permit.

- (r) This source does not produce oil or natural gas. Therefore, the requirements of the National Emission Standard for Hazardous Air Pollutants, 40 CFR 63, Subpart HH, National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities, are not included in the permit.
- (s) This source is an area source for HAPs. Therefore, the requirements of the National Emission Standard for Hazardous Air Pollutants, 40 CFR 63, Subpart HHH, National Emission Standards for Hazardous Air Pollutants From Natural Gas Transmission and Storage Facilities, are not included in the permit.
- (t) This source is an area source for HAPs. Therefore, the requirements of the National Emission Standard for Hazardous Air Pollutants, 40 CFR 63, Subpart EEEE, National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline), are not included in the permit.
- (u) This source is an area source for HAPs. Therefore, the requirements of the National Emission Standard for Hazardous Air Pollutants, 40 CFR 63, Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines, are not included in the permit.
- (v) This source is an area source for HAPs. Therefore, the requirements of the National Emission Standard for Hazardous Air Pollutants, 40 CFR 63, Subpart DDDDD, National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters, are not included in the permit.
- (w) There are no other National Emission Standards for Hazardous Air Pollutants included in the permit for this source.

State Rule Applicability – Entire Source

326 IAC 2-2 (Prevention of Significant Deterioration (PSD))

Lake County is classified as moderate nonattainment for the 8-hour ozone standard. Therefore, VOC emissions, which are greater than one hundred (100) tons per year, are reviewed pursuant to 326 IAC 2-3, Emission Offset and not 326 IAC 2-2, PSD. All attainment criteria pollutants are less than 100 tons per year, making this source, which is one (1) of the twenty-eight (28) listed source categories, a minor source pursuant to 326 IAC 2-2, PSD.

326 IAC 2-3 (Emission Offset)

- (a) This source is located in Lake County and the unrestricted VOC emissions are greater than one-hundred (100) tons per year. Therefore, this source, constructed in 1958 is a major source pursuant to 326 IAC 2-3, Emission Offset.
- (b) The majority of the source pre-dated the 1977 rule applicability date for Emission Offset. Therefore, those modifications at the source between 1958 and 1977 were not reviewed pursuant to 326 IAC 2-3, Emission Offset. However, the one (1) organic liquid storage tank, identified as 268-11, and the one (1) bottom water storage tank, identified as 107, were constructed after the 1977 rule applicability date for Emission Offset. Tank 268-11 was constructed under OP 45-04-91-0457, issued on June 30, 1987. Tank 107 was modified in 2002 and included as part of the application for this Title V Renewal, received on December 26, 2002. Since the unrestricted potential to emit VOC from these two (2) tanks is less than forty (40.0) tons per year, the addition of these tanks were considered

minor modifications pursuant to 326 IAC 2-3.

326 IAC 2-4.1-1 (New source toxics control)

The operation of this source will emit less than ten (10) tons per year of a single HAP or twenty-five (25) tons per year of a combination of HAPs. Therefore, 326 IAC 2-4.1 does not apply.

326 IAC 2-6 (Emission Reporting)

Since this source, located in Lake County, is required to have an operating permit under 326 IAC 2-7, Part 70 Permit Program, this source is subject to 326 IAC 2-6 (Emission Reporting).

- (a) In accordance with the compliance schedule in 326 IAC 2-6-3(a)(1), an emission statement must be submitted annually if the actual emissions are equal to or greater than twenty-five (25.0) tons per year of volatile organic compounds or nitrogen oxides.
- (b) The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4.

326 IAC 5-1 (Opacity Limitations)

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 the permit:

- (a) Opacity shall not exceed an average of twenty percent (20%) 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.

326 IAC 6-4 (Fugitive Dust Emissions)

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 6.8 (Particulate Matter Limitations for Lake County)

This source has paved and unpaved roads, which are specifically listed in 326 IAC 6.8-10. Therefore, pursuant to 326 IAC 6.8-1-1(a)(1), the source is subject to the requirements of 326 IAC 6.8-10. However, the paved and unpaved roads produce unrestricted potential fugitive particulate matter emissions of less than five (5) tons per year. Therefore, pursuant to 326 IAC 6.8-10-1(a)(1), the requirements of 326 IAC 6.8-10 are not applicable.

State Rule Applicability – Individual Facilities

326 IAC 8-4-2 (Petroleum Refineries)

This source is not a petroleum refinery. Therefore, the requirements of 326 IAC 8-4-2, Petroleum Refineries, are not applicable.

326 IAC 8-4-3 (Petroleum Liquid Storage Facilities)

- (a) The one (1) bottom water storage tank, identified as 107, the one (1) organic liquid storage tank, identified as G-1, and the one (1) diesel fuel pour point depressant storage tank, identified as 108, each have capacities of less than 39,000 gallons. Therefore, the requirements of 326 IAC 8-4-3, Petroleum Liquid Storage Facilities, are not applicable.
- (b) The one (1) organic liquid storage tank, identified as 268-8, has a capacity of greater than 39,000 gallons, but does not store a petroleum liquid with a true vapor pressure of greater than 1.52 psi. Therefore, the requirements of 326 IAC 8-4-3, Petroleum Liquid Storage Facilities, are not applicable.
- (c) The eleven (11) organic liquid storage tanks, identified as 35-13, 35-14, 67-15, 67-16, 80-10, 80-17, 217-7, 268-11, T-1, T-2, and T-18 each have capacities of greater than 39,000 gallons and store petroleum liquids with a true vapor pressure greater than 1.52 psi. Therefore, the requirements of 326 IAC 8-4-3 are applicable. The eleven (11) organic liquid storage tanks can comply with the rule because they are each equipped with internal floating roofs.
- (d) The six (6) organic liquid storage tanks, identified as 80-3, 80-5, 80-9, 80-12, 120-4, and 120-6 each have capacities of greater than 39,000 gallons, store petroleum liquids with a true vapor pressure of greater than 1.52 psi, are equipped with external floating roofs, and do not have shoe mounted secondary seals. Therefore, the requirements of 326 IAC 8-4-3 are applicable. Pursuant to 326 IAC 8-4-3(c)(2), no owner or a facility subject to this subsection shall store a petroleum liquid in that facility unless:
 - (1) The facility has been fitted with:
 - (A) a continuous secondary seal extending from the floating roof to the tank wall (rim-mounted secondary seal); or
 - (B) a closure or other device approved by the commissioner which is equally effective.
 - (2) All seal closure devices meet the following requirements:
 - (A) there are no visible holes, tears, or other openings in the seal(s) or seal fabric;
 - (B) the seal(s) are intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.
 - (C) for vapor mounted primary seals, the accumulated gap area around the circumference of the secondary seal where a gap exceeding one-eighth (c) inch exists between the secondary seal and the tank wall shall not exceed 1.0 square inch per foot of tank diameter. There shall be no gaps exceeding one-half ($\frac{1}{2}$) inch between the secondary seal and the tank wall of welded tanks and no gaps exceeding one (1) inch between the secondary seal and the tank wall of riveted tanks.
 - (3) All openings in the external floating roof, except for automatic bleeder vents, rim space vents, and leg sleeves, are:
 - (A) equipped with covers, seals, or lids in the closed position except when the openings are in actual use; and

- (B) equipped with projections into the tank which remain below the liquid surface at all times.
- (4) Automatic bleeder vents are closed at all times except when the roof is floated off or landed on the roof leg supports;
- (5) Rim vents are set to open when the roof is being floated off the leg supports or at the manufacturer's recommended setting; and
- (6) Emergency roof drains are provided with slotted membrane fabric covers or equivalent covers which cover at least ninety percent (90%) of the area of the opening.

326 IAC 8-4-4 (Bulk Gasoline Terminals)

This source is not a bulk gasoline terminal because it does not dispense gasoline for transport. Therefore, the requirements of 326 IAC 8-4-4, Bulk Gasoline Terminals, are not applicable.

326 IAC 8-4-5 (Bulk Gasoline Plants)

This source is not a bulk gasoline plant because it does not receive gasoline from bulk terminals by transport and does not dispense it via truck to local farms, businesses, and service stations. Therefore, the requirements of 326 IAC 8-4-5, Bulk Gasoline Plants, are not applicable.

326 IAC 8-4-6 (Gasoline Dispensing Facilities)

This source is not a gasoline dispensing facility because it does not dispense gasoline into motor vehicle fuel tanks or portable containers. Therefore, the requirements of 326 IAC 8-4-6, Gasoline Dispensing Facilities, are not applicable.

326 IAC 8-4-7 (Gasoline Transports)

This source is not a gasoline transport facility. Therefore, the requirements of 326 IAC 8-4-7, Gasoline Transports, are not applicable.

326 IAC 8-7 (Specific VOC Reduction Requirements for Lake, Porter, Clark, and Floyd Counties)

This source is located in Lake County with the potential to emit VOC greater than twenty-five (25.0) tons per year. However, it is subject to 326 IAC 8-4-3 (Petroleum Liquid Storage Facilities). Therefore, pursuant to 326 IAC 8-7-2(a)(3)(C), the requirements of 326 IAC 8-7, Specific VOC Reduction Requirements for Lake, Porter, Clark, and Floyd Counties are not applicable.

326 IAC 8-9 (Volatile Organic Liquid Storage Vessels)

- (a) The one (1) organic liquid storage tank, identified as 268-8, has a capacity of greater than 39,000 gallons, but stores petroleum liquids with true vapor pressures of less than 0.5 psia. Therefore, pursuant to 326 IAC 8-9-1(c), the requirements of 326 IAC 8-9-4 are not applicable, but the record keeping requirements of 326 IAC 8-9-6(a), (b), and (h) are applicable.
- (b) The one (1) bottom water storage tank, identified as 107 the one (1) organic liquid storage tank, identified as G-1, and the one (1) diesel fuel pour point depressant storage tank, identified as 108, each have capacities less than 39,000 gallons. Therefore, pursuant to 326 IAC 8-9-1(b), the requirements of 326 IAC 8-9-4 are not applicable, but the record keeping requirements of 326 IAC 8-9-6(a) and (b) are applicable.

- (c) The six (6) organic liquid storage tanks, identified as 80-3, 80-5, 80-9, 80-12, 120-4, and 120-6 each have capacities of greater than 39,000 gallons, store petroleum liquid with true vapor pressures of greater than 0.75 psia and less than 11.1 psia, and have external floating roof tanks. Therefore, pursuant to 326 IAC 8-9-1(a), the requirements of 326 IAC 8-9-4(e) are applicable. Pursuant to 326 IAC 8-9-4(e), the following standards are applicable to each external floating roof:
- (1) Each external floating roof shall be equipped with a closure device between the wall of the vessel and the roof edge. The closure device shall consist of two (2) seals, one (1) above the other. The lower seal shall be referred to as the primary seal; the upper seal shall be referred to as the secondary seal.
 - (2) The primary seal shall completely cover the annular space between the edge of the floating roof and vessel wall and shall be either a liquid-mounted seal or a shoe seal.
 - (3) The secondary seal shall completely cover the annular space between the external floating roof and the wall of the vessel in a continuous fashion.
 - (4) Except for automatic bleeder vents and rim space vents, each opening in a non-contact external floating roof shall provide a projection below the liquid surface.
 - (5) Except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves, each opening in the roof shall be equipped with a gasketed cover, seal, or lid that shall be maintained in a closed position at all times, without visible gap, except when the device is in actual use.
 - (6) Automatic bleeder vents shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports.
 - (7) Rim vents shall be set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Automatic bleeder vents and rim space vents shall be gasketed.
 - (8) Each emergency roof drain shall be provided with a slotted membrane fabric cover that covers at least ninety percent (90%) of the area of the opening.
 - (9) The roof shall be floating on the liquid at all times, for example, off the roof leg supports, except when the vessel is completely emptied and subsequently refilled. The process of filling, emptying, or refilling when the roof is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible.
- (d) The eleven (11) organic liquid storage tanks, identified as 35-13, 35-14, 67-15, 67-16, 80-10, 80-17, 217-7, 268-11, T-1, T-2, and T-18, each have capacities of greater than 39,000 gallons, store petroleum liquids of greater than 0.75 psia and less than 11.1 psia, and have internal floating roofs. Therefore, pursuant to 326 IAC 8-9-1(a), the requirements of 326 IAC 8-9-4(c) are applicable. Pursuant to 326 IAC 8-9-4, the following standards are applicable to each internal floating roof:
- (1) The internal floating roof shall float on the liquid surface, but not necessarily in complete contact with it, inside a vessel that has a permanently affixed roof.

- (2) The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the vessel is completely emptied or subsequently emptied and refilled.
- (3) When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible.
- (4) Each internal floating roof shall be equipped with one (1) of the following closure devices between the wall of the vessel and the edge of the internal floating roof:
 - (A) A foam or liquid-filled seal mounted in contact with the liquid (liquid-mounted seal).
 - (B) Two (2) seals mounted one (1) above the other so that each forms a continuous closure that completely covers the space between the wall of the vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous.
 - (C) A mechanical shoe seal that consists of a metal sheet held vertically against the wall of the vessel by springs or weighted levers and that is connected by braces to the floating roof. A flexible coated fabric, or envelope, spans the annular space between the metal sheet and the floating roof.
- (5) Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents shall provide a projection below the liquid surface.
- (6) Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains shall be equipped with a cover or lid that shall be maintained in a closed position at all times (with no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use.
- (7) Automatic bleeder vents shall be equipped with a gasket and shall be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports.
- (8) Rim space vents shall be equipped with a gasket and shall be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting.
- (9) Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least ninety percent (90%) of the opening.
- (10) Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.

326 IAC 12-1 (New Source Performance Standards)

The source is subject to a New Source Performance Standard, 40 CFR 60, Subpart K, Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978. Therefore,

the requirements of 326 IAC 12-1 are applicable because the rule incorporates by reference the provisions of 40 CFR 60.

State Rule Applicability – Insignificant Activities

326 IAC 6-2-3 (Particulate Emissions for Sources of Indirect Heating)

The two (2) furnaces, identified as F-1 and F-2, are not sources of indirect heating. Therefore, the requirements of 326 IAC 6-2-3, Particulate Emissions for Sources of Indirect Heating, are not applicable.

326 IAC 8-3-2 (Cold Cleaner Operation)

The insignificant degreasing operations were installed after January 1, 1980. Therefore, they are subject to 326 IAC 8-3-2, Cold Cleaner Operation, for cold cleaning operations constructed after January 1, 1980. Pursuant to 326 IAC 8-3-2, the owner or operator 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 operating requirements; and
- (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.

326 IAC 8-3-5 (Cold cleaner degreaser operation and control)

The insignificant degreasing operations were constructed after July 1, 1990 and do not have remote solvent reservoirs. Therefore, pursuant to 326 IAC 8-3-1(b)(2), the requirements of 326 IAC 8-3-5 (Cold cleaner degreaser operations and control) are applicable.

- (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), the owner or operator of a cold cleaning facility construction of which commenced after July 1, 1990, 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.

Testing Requirements

There are no testing requirements applicable to this source. All VOC and HAPs emissions were calculated using Version 4.09d of the US EPA's TANKS software program, based on the estimated maximum annual throughputs at each of the tanks and also on MSDSs provided by the source.

Compliance Requirements

Permits issued under 326 IAC 2-7 are required to ensure that sources can demonstrate compliance with applicable state and federal rules on a more or less continuous basis. All state and federal rules contain compliance provisions, however, these provisions do not always fulfill the

requirement for a more or less continuous demonstration. When this occurs IDEM, OAQ in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-7-5. As a result, compliance requirements are divided into two sections: Compliance Determination Requirements and Compliance Monitoring Requirements.

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

The Compliance Monitoring Requirements applicable to this source are as follows:

- (a) The two (2) organic liquid storage tanks, identified as 80-10 and 268-11, each have the following Compliance Monitoring Requirement:

The source shall maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period.

This Compliance Monitoring Requirement is necessary to satisfy the requirements of 40 CFR 60, Subpart K.

- (b) The eleven (11) organic liquid storage tanks, identified as 35-13, 35-14, 67-15, 67-16, 80-10, 80-17, 217-7, 268-11, T-1, T-2, and T-18 each have the following Compliance Monitoring Requirements:

(1) Visually inspect the internal floating roof, the primary seal, and the secondary seal, if one is in service, prior to filling the vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, the owner or operator shall repair the items before filling the vessel.

(2) For vessels equipped with a liquid-mounted or mechanical shoe primary seal, visually inspect the internal floating roof and the primary seal or the secondary seal, if one is in service, through manholes and roof hatches on the fixed roof at least once every twelve (12) months after initial fill. If the internal floating roof is not resting on the surface of the VOL inside the vessel, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, the owner or operator shall repair the items or empty and remove the vessel from service within forty-five (45) days. If a failure that is detected during inspections required in this section cannot be repaired in forty-five (45) days and if the vessel cannot be emptied within forty-five (45) days, a thirty (30) day extension may be requested. Such a request for an extension must document that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible.

(3) For vessels equipped with both primary and secondary seals:

(A) visually inspect the vessel as specified in subdivision (4), at least every

five (5) years; or

- (B) visually inspect the vessel as specified in subdivision (2).
- (4) Visually inspect the internal floating roof, the primary seal, the secondary seal, if one is in service, gaskets, slotted membranes, and sleeve seals each time the vessel is emptied and degassed. If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than ten percent (10%) open area, the owner or operator shall repair the items as necessary so that none of the conditions specified in this subdivision exist before refilling the vessel with VOL. In no event shall the inspections required by this subsection occur at intervals greater than ten (10) years in the case of vessels conducting the annual visual inspection as specified in subdivisions (2) and (3)(B) and at intervals no greater than five (5) years in the case of vessels specified in subdivision (3)(A).
- (5) Notify the department in writing at least thirty (30) days prior to the filling or refilling of each vessel for which an inspection is required by subdivisions (1) and (4) to afford the department the opportunity to have an observer present. If the inspection required by subdivision (4) is not planned and the owner or operator could not have known about the inspection thirty (30) days in advance of refilling the vessel, the owner or operator shall notify the department at least seven (7) days prior to the refilling of the vessel. Notification shall be made by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, this notification, including the written documentation, may be made in writing and sent by express mail so that it is received by the department at least seven (7) days prior to the refilling.
- (6) The owner or operator of each vessel shall maintain a record containing the following information for each vessel:
 - (A) The vessel identification number.
 - (B) The vessel dimensions.
 - (C) The vessel capacity.
 - (D) A description of the emission control equipment for each vessel or a schedule for installation of emission control equipment with a certification that the emission control equipment meets the applicable standards.
- (7) The owner or operator of each vessel equipped with a permanently affixed roof and internal floating roof shall comply with the following record keeping and reporting requirements:
 - (A) Keep a record of each inspection performed. Each record shall identify the following:
 - (i) The vessel inspected by identification number.
 - (ii) The date the vessel was inspected.

- (iii) The observed condition of each component of the control equipment, including the following:
 - (a) Seals.
 - (b) Internal floating roof.
 - (c) Fittings.
- (B) If any of the conditions described in (2) are detected during the required annual visual inspection, a record shall be maintained and a report shall be furnished to the department within thirty (30) days of the inspection. Each report shall identify the following:
 - (i) The vessel by identification number.
 - (ii) The nature of the defects.
 - (iii) The date the vessel was emptied or the nature of and date the repair was made.
- (C) After each inspection required by (3) of this rule that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in (3)(B), a record shall be maintained and a report shall be furnished to the department within thirty (30) days of the inspection. The report shall identify the following:
 - (i) The vessel by identification number.
 - (ii) The reason the vessel did not meet the specifications of section 326 IAC 8-9-4(a)(1)(A), 326 IAC 8-9-4(a)(2)(A), or 5(b) and list each repair made.
- (8) The owner or operator of these tanks shall maintain these records for three (3) years. Records required by (6) shall be maintained for the life of the vessel.

These compliance monitoring requirements are necessary to satisfy the requirements of 326 IAC 8-9.

- (c) The six (6) organic liquid storage tanks, identified as 80-3, 80-5, 80-9, 80-12, 120-4, and 120-6 each have the following Compliance Monitoring Requirements:
 - (1) Determine the gap areas and maximum gap widths between the primary seal and the wall of the vessel and between the secondary seal and the wall of the vessel according to the following frequency:
 - (A) Measurements of gaps between the vessel wall and the primary seal (seal gaps) shall be performed during the hydrostatic testing of the vessel or within sixty (60) days of the initial fill with VOL and at least once every five (5) years thereafter.
 - (B) Measurements of gaps between the vessel wall and the secondary seal shall be performed within sixty (60) days of the initial fill with VOL and at least once per year thereafter.

- (C) If any source ceases to store VOL for a period of one (1) year or more, subsequent introduction of VOL into the vessel shall be considered an initial fill for purposes of this subdivision.
- (2) Determine gap widths and areas in the primary and secondary seals individually by the following procedures:
 - (A) Measure seal gaps, if any, at one (1) or more floating roof levels when the roof is floating off the roof leg supports.
 - (B) Measure seal gaps around the entire circumference of the vessel in each place where a one-eighth (c) inch diameter uniform probe passes freely (without forcing or binding against seal) between the seal and the wall of the vessel and measure the circumferential distance of each such location.
 - (C) The total surface area of each gap described in clause (B) above shall be determined by using probes of various widths to measure accurately the actual distance from the vessel wall to the seal and multiplying each such width by its respective circumferential distance.
 - (3) Add the gap surface area of each gap location for the primary seal and the secondary seal individually and divide the sum for each by the nominal diameter of the vessel and compare each ratio to the respective standards in subdivision (4).
 - (4) Make necessary repairs or empty the vessel within forty-five (45) days of identification of seals not meeting the requirements listed in clauses (A) and (B) as follows:
 - (A) The accumulated area of gaps between the vessel wall and the mechanical shoe or liquid-mounted primary seal shall not exceed ten (10) square inches per foot of vessel diameter, and the width of any portion of any gap shall not exceed one and five-tenths (1.5) inches. There shall be no holes, tears, or other openings in the shoe, seal fabric, or seal envelope.
 - (B) The secondary seal shall meet the following requirements:
 - (i) The secondary seal shall be installed above the primary seal so that it completely covers the space between the roof edge and the vessel wall except as provided in subdivision (2)(C).
 - (ii) The accumulated area of gaps between the vessel wall and the secondary seal used in combination with a metallic shoe or liquid-mounted primary seal shall not exceed one (1) square inch per foot of vessel diameter, and the width of any portion of any gap shall not exceed five-tenths (0.5) inch. There shall be no gaps between the vessel wall and the secondary seal when used in combination with a vapor-mounted primary seal.
 - (iii) There shall be no holes, tears, or other openings in the seal or seal fabric.
 - (C) If a failure that is detected during inspections required in subdivision (1) cannot be repaired within forty-five (45) days and if the vessel cannot be

emptied within forty-five (45) days, a thirty (30) day extension may be requested from the department in the inspection report required in section 6(d)(3) of this rule. Such extension request must include a demonstration of unavailability of alternate storage capacity and a specification of a schedule that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible.

- (5) Notify the department thirty (30) days in advance of any gap measurements required by subdivision (1) to afford the department the opportunity to have an observer present.
- (6) Visually inspect the external floating roof, the primary seal, secondary seal, and fittings each time the vessel is and degassed. For all visual inspections, the following requirements apply:
 - (A) If the external floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal fabric, the owner or operator shall repair the items as necessary so that none of the conditions specified in this clause exist before filling or refilling the vessel with VOL.
 - (B) The owner or operator shall notify the department in writing at least thirty (30) days prior to the filling or refilling of each vessel to afford the department the opportunity to inspect the vessel prior to the filling. If the inspection required by this subdivision is not planned and the owner or operator could not have known about the inspection thirty (30) days in advance of refilling the vessel, the owner or operator shall notify the department at least seven (7) days prior to the refilling of the vessel. Notification shall be made by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, this notification including the written documentation may be made in writing and sent by express mail so that it is received by the department at least seven (7) days prior to the refilling
- (7) The owner or operator of each vessel shall maintain a record containing the following information for each vessel:
 - (A) The vessel identification number.
 - (B) The vessel dimensions.
 - (C) The vessel capacity.
 - (D) A description of the emission control equipment for each vessel, or a schedule for installation of emission control equipment on vessels with a certification that the emission control equipment meets the applicable standards.
- (8) The owner or operator of each vessel equipped with an external floating roof shall comply with the following record keeping and reporting requirements:
 - (A) Keep a record of each gap measurement performed as required by section 5(c) of this rule. Each record shall identify the vessel in which the measurement was made and shall contain the following:

- (i) The date of measurement.
 - (ii) The raw data obtained in the measurement.
 - (iii) The calculations described in (2) and (3) above.
- (B) Within sixty (60) days of performing the seal gap measurements required by (1) above, furnish the department with a report that contains the following:
- (i) The date of measurement.
 - (ii) The raw data obtained in the measurement.
 - (iii) The calculations described in (2) and (3) above.
- (C) After each seal gap measurement that detects gaps exceeding the limitations submit a report to the department within thirty (30) days of the inspection. The report shall identify the vessel and contain the information specified in (8)(B) above and the date the vessel was emptied or the repairs made and date of repair.
- (9) The owner or operator of these tanks shall maintain the records for three (3) years. Records required by (7) above shall be maintained for the life of the vessel.

These Compliance Monitoring Requirements are necessary to satisfy the requirements of 326 IAC 8-9.

- (d) The two (2) organic liquid storage tanks, identified as 268-8 and G-1, the one (1) bottom water storage tank, identified as 107, and the one (1) diesel fuel pour point depressant storage tank, identified as 108, each have the following Compliance Monitoring Requirements:
- (1) The owner or operator of each vessel shall maintain a record containing the following information for each vessel:
 - (A) The vessel identification number,
 - (B) The vessel dimensions,
 - (C) The vessel capacity, and
 - (D) A description of the emission control equipment for each vessel, or a schedule for installation of emission control equipment on vessels with a certification that the emission control equipment meets the applicable standards.
 - (2) The owner or operator of these tanks shall maintain records for the life of the vessel.

- (e) The one (1) organic liquid storage tank, identified as 268-8, has the following Compliance Monitoring Requirement:

The owner or operator of each vessel with a design capacity greater than or equal to thirty-nine thousand (39,000) gallons storing a liquid with a maximum true vapor pressure that is normally less than seventy-five hundredths (0.75) psia shall maintain a record and notify the department within thirty (30) days when the maximum true vapor pressure of the liquid exceeds seventy-five hundredths (0.75) psia.

Conclusion

The operation of this petroleum products storage source shall be subject to the conditions of this Part 70 Operating Permit T 089-17511-00072.

**Appendix A: Emissions Calculations
Process Fugitive Emissions**

Company Name: Marathon Pipeline, LLC
Address City IN Zip: 1900 West Avenue H, Griffith, IN 46319
Title V Renewal: T 089-17511-00072
Plt ID: 089-00072
Reviewer: Michael A. Morrone
Application Date: December 26, 2002

Component Type	Service	Emission Factor (lbs/hr-component)	Quantity	VOC Emissions (lbs/hr)	VOC Emissions (tons/yr)
Flange/screwed Connections	Light Liquid	0.00002	5632	0.099	0.435
	Heavy Liquid	0.000001	1267	0.001	0.005
Valves	Light Liquid	0.0001	1117	0.106	0.464
	Heavy Liquid	0.000002	238	0.0004	0.002
Pump seals	Light Liquid	0.0001	14	0.002	0.007
	Heavy Liquid	0.0287	3	0.086	0.377
Total				0.295	1.29

Component Type	Service	Weight % Benzene	Weight % Toluene	Weight % Xylene	Weight % Ethylbenzene	Weight % Hexane	Weight % 2,2,4 Trimethylpentane	Benzene Emissions (tons/yr)	Toluene Emissions (tons/yr)	Xylene Emissions (tons/yr)	Ethylbenzene Emissions (tons/yr)	Hexane Emissions (tons/yr)	2,2,4 Trimethylpentane Emissions (tons/yr)	Total HAPs Emissions (tons/yr)
Flange/screwed Connections	Light Liquid	0.900%	1.30%	0.500%	0.100%	1.60%	0.800%	0.004	0.006	0.002	0.0004	0.007	0.003	0.023
	Heavy Liquid	0.900%	1.30%	0.500%	0.100%	1.60%	0.800%	0.00004	0.0001	0.00002	0.000005	0.0001	0.00004	0.0002
Valves	Light Liquid	0.900%	1.30%	0.500%	0.100%	1.60%	0.800%	0.004	0.006	0.002	0.0005	0.007	0.004	0.024
	Heavy Liquid	0.900%	1.30%	0.500%	0.100%	1.60%	0.800%	0.00002	0.00003	0.00001	0.000002	0.00003	0.00002	0.0001
Pump seals	Light Liquid	0.900%	1.30%	0.500%	0.100%	1.60%	0.800%	0.0001	0.0001	0.00004	0.00001	0.0001	0.0001	0.0004
	Heavy Liquid	0.900%	1.30%	0.500%	0.100%	1.60%	0.800%	0.003	0.005	0.002	0.0004	0.006	0.003	0.020
Total								0.012	0.017	0.006	0.001	0.021	0.010	0.067

METHODOLOGY

Emission Factors from AP-42, Chapter 5- Related Emission Factor Documents - Protocol for Equipment Leak Emission Estimates - Tables 2-3 and 2-4.
VOC emissions (lbs/hr) = Emission Factor X Quantity
VOC Emissions (tons/yr) = VOC Emissions (lbs/hr) X (8760 hrs/yr/2000 lbs/ton)
HAP Emissions (tons/yr) = VOC Emissions (tons/yr) X Weight % HAP

**Appendix A: Emissions Calculations
Tank VOC Emissions - Potential to Emit**

Company Name: Marathon Pipeline, LLC
Address City IN Zip: 1900 West Avenue H, Griffith, IN 46319
Title V Renewal: T 089-17511-00072
Plt ID: 089-00072
Reviewer: Michael A. Morrone
Application Date: December 26, 2002

Tank Number	Product Stored	Losses (Tons per Year)							Total Potential to Emit VOC (tons/yr)
		Standing	Breathing	Working	Withdrawal	Rim Seal	Deck Fitting	Deck Seam	
Griffith West									
80-3	Gasoline (RVP 11)	8.17	0.00	0.00	0.111	5.17	3.00	0.00	8.28
80-5	Gasoline (RVP 15)	5.59	0.00	0.00	0.046	0.908	4.68	0.00	5.63
80-5	Gasoline (RVP 13.5)	2.40	0.00	0.00	0.018	0.395	2.01	0.00	2.42
80-5	Gasoline (RVP 9)	2.81	0.00	0.00	0.037	0.499	2.31	0.00	2.84
80-5	Gasoline (RVP 12)	0.926	0.00	0.00	0.009	0.166	0.760	0.00	0.935
80-9	Gasoline (RVP 15)	4.95	0.00	0.00	0.046	0.271	4.677	0.00	4.99
80-9	Gasoline (RVP 13.5)	2.12	0.00	0.00	0.018	0.121	2.00	0.00	2.14
80-9	Gasoline (RVP 9)	2.48	0.00	0.00	0.037	0.173	2.31	0.00	2.52
80-9	Gasoline (RVP 12)	0.818	0.00	0.00	0.009	0.058	0.759	0.00	0.827
80-10	Gasoline (RVP 15)	2.96	0.00	0.00	0.051	1.02	1.40	0.540	3.01
80-10	Gasoline (RVP 12)	0.674	0.00	0.00	0.010	0.232	0.320	0.123	0.685
80-10	Gasoline (RVP 9)	2.00	0.00	0.00	0.041	0.686	0.948	0.364	2.04
80-10	Gasoline (RVP 13.5)	1.33	0.00	0.00	0.020	0.457	0.632	0.243	1.35
80-12	Gasoline (RVP 15)	5.59	0.00	0.00	0.046	0.908	4.68	0.00	5.63
80-12	Gasoline (RVP 13.5)	2.40	0.00	0.00	0.018	0.395	2.01	0.00	2.42
80-12	Gasoline (RVP 9)	2.81	0.00	0.00	0.037	0.499	2.31	0.00	2.84
80-12	Gasoline (RVP 12)	0.926	0.00	0.00	0.009	0.166	0.760	0.00	0.935
120-4	Gasoline (RVP 15)	5.85	0.00	0.00	0.056	1.106	4.74	0.00	5.91
120-4	Gasoline (RVP 13.5)	2.52	0.00	0.00	0.022	0.482	2.03	0.00	2.54
120-4	Gasoline (RVP 9)	2.95	0.00	0.00	0.045	0.608	2.35	0.00	3.00
120-4	Gasoline (RVP 12)	0.975	0.00	0.00	0.011	0.202	0.773	0.00	0.986
120-6	Gasoline (RVP 15)	5.85	0.00	0.00	0.055	1.11	4.74	0.00	5.91
120-6	Gasoline (RVP 13.5)	2.52	0.00	0.00	0.022	0.482	2.03	0.00	2.54
120-6	Gasoline (RVP 9)	2.95	0.00	0.00	0.044	0.608	2.35	0.00	3.00
120-6	Gasoline (RVP 12)	0.975	0.00	0.00	0.011	0.202	0.773	0.00	0.986
217-7	Gasoline (RVP 15)	6.22	0.00	0.00	0.085	1.66	3.12	1.44	6.31
217-7	Gasoline (RVP 13.5)	2.80	0.00	0.00	0.034	0.748	1.40	0.650	2.84
217-7	Gasoline (RVP 9)	4.20	0.00	0.00	0.068	1.12	2.10	0.975	4.27
217-7	Gasoline (RVP 12)	1.42	0.00	0.00	0.017	0.379	0.710	0.329	1.44
268-8	Distillate fuel oil no. 2	0.00	0.622	3.14	0.00	0.00	0.00	0.00	3.76
268-11	Gasoline (RVP 15)	7.28	0.00	0.00	0.095	1.85	3.65	1.78	7.37
268-11	Gasoline (RVP 13.5)	3.27	0.00	0.00	0.038	0.831	1.64	0.803	3.31
268-11	Gasoline (RVP 9)	4.91	0.00	0.00	0.076	1.25	2.46	1.20	4.99
268-11	Gasoline (RVP 12)	1.66	0.00	0.00	0.019	0.421	0.831	0.406	1.68
G-1*	Gasoline (RVP 15)	0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00
T-1	Gasoline (RVP 15)	2.20	0.00	0.00	0.002	0.861	1.34	0.00	2.20
T-2	Gasoline (RVP 15)	1.43	0.00	0.00	0.002	0.089	1.34	0.00	1.43
	Subtotals	108.9	0.62	3.14	1.27	26.1	73.9	8.87	114
Griffith East									
35-13	Gasoline (RVP 15)	3.32	0.00	0.00	0.082	2.12	1.20	0.00	3.40
35-14	Gasoline (RVP 15)	2.61	0.00	0.00	0.083	0.806	1.81	0.00	2.70
67-15	Gasoline (RVP 15)	6.23	0.00	0.00	0.129	2.87	3.36	0.00	6.36
67-16	Gasoline (RVP 15)	3.66	0.00	0.00	0.129	0.297	3.36	0.00	3.79
80-17	Gasoline (RVP 15)	4.12	0.00	0.00	0.122	0.327	3.79	0.00	4.24
T-18	Gasoline (RVP 15)	0.728	0.00	0.00	0.107	0.039	0.690	0.00	0.835
	Subtotals	20.7	0.00	0.00	0.653	6.46	14.21	0.00	21.3
	TOTALS	130	0.62	3.14	1.92	32.6	88.1	8.87	135

METHODOLOGY

IDEM, OAQ has calculated all storage tanks emissions using USEPA's TANKS 4.09d software program and all emissions are based on the estimated maximum annual throughput for each tank. *The Permittee has noted that Tank G-1 is a pressurized tank designed to operate without any emissions to the atmosphere. Chapter 7.1.1.6 of AP-42 notes that high-pressure storage tanks can be operated so that virtually no evaporated or working losses occur. AP-42 also states that no appropriate correlations are available to estimate vapor losses from pressure tanks.

**Appendix A: Emissions Calculations
Tank HAP Emissions - Potential to Emit**

Company Name: Marathon Pipeline, LLC
Address City IN Zip: 1900 West Avenue H, Griffith, IN 46319
Title V Renewal: T 089-17511-00072
Plt ID: 089-00072
Reviewer: Michael A. Morrone
Application Date: December 26, 2002

Tank Number	Product Stored	VOC Emissions (tons/yr)	Weight % Benzene	Weight % Toluene	Weight % Ethylbenzene	Weight % Xylene	Weight % 2,2,4 Trimethylpentane	Weight % Hexane	Weight % MTBE	Benzene Emissions (tons/yr)	Toluene Emissions (tons/yr)	Ethylbenzene Emissions (tons/yr)	Xylene Emissions (tons/yr)	2,2,4 Trimethylpentane Emissions (tons/yr)	Hexane Emissions (tons/yr)	MTBE Emissions (tons/yr)
Griffith West																
80-3	Gasoline (RVP 11)	8.28	0.900%	1.30%	0.100%	0.500%	0.800%	1.60%	0.00%	0.075	0.108	0.008	0.041	0.066	0.133	0.00
80-5	Gasoline (RVP 15)	5.63	0.400%	1.10%	0.100%	0.400%	0.700%	1.40%	11.9%	0.023	0.062	0.006	0.023	0.039	0.079	0.670
80-5	Gasoline (RVP 13.5)	2.42	0.400%	1.10%	0.100%	0.400%	0.700%	1.40%	11.9%	0.010	0.027	0.002	0.010	0.017	0.034	0.288
80-5	Gasoline (RVP 9)	2.84	0.400%	1.10%	0.100%	0.400%	0.700%	1.40%	11.9%	0.011	0.031	0.003	0.011	0.020	0.040	0.338
80-5	Gasoline (RVP 12)	0.94	0.400%	1.10%	0.100%	0.400%	0.700%	1.40%	11.9%	0.004	0.010	0.001	0.004	0.007	0.013	0.111
80-9	Gasoline (RVP 15)	4.99	0.900%	1.30%	0.100%	0.500%	0.800%	1.60%	0.00%	0.045	0.065	0.005	0.025	0.040	0.080	0.00
80-9	Gasoline (RVP 13.5)	2.14	0.900%	1.30%	0.100%	0.500%	0.800%	1.60%	0.00%	0.019	0.028	0.002	0.011	0.017	0.034	0.00
80-9	Gasoline (RVP 9)	2.52	0.900%	1.30%	0.100%	0.500%	0.800%	1.60%	0.00%	0.023	0.033	0.003	0.013	0.020	0.040	0.00
80-9	Gasoline (RVP 12)	0.83	0.900%	1.30%	0.100%	0.500%	0.800%	1.60%	0.00%	0.007	0.011	0.001	0.004	0.007	0.013	0.00
80-10	Gasoline (RVP 15)	3.01	0.900%	1.30%	0.100%	0.500%	0.800%	1.60%	0.00%	0.027	0.039	0.003	0.015	0.024	0.048	0.00
80-10	Gasoline (RVP 12)	0.68	0.900%	1.30%	0.100%	0.500%	0.800%	1.60%	0.00%	0.006	0.009	0.001	0.003	0.005	0.011	0.00
80-10	Gasoline (RVP 9)	2.04	0.900%	1.30%	0.100%	0.500%	0.800%	1.60%	0.00%	0.018	0.027	0.002	0.010	0.016	0.033	0.00
80-10	Gasoline (RVP 13.5)	1.35	0.900%	1.30%	0.100%	0.500%	0.800%	1.60%	0.00%	0.012	0.018	0.001	0.007	0.011	0.022	0.00
80-12	Gasoline (RVP 15)	5.63	0.900%	1.30%	0.100%	0.500%	0.800%	1.60%	0.00%	0.051	0.073	0.006	0.028	0.045	0.090	0.00
80-12	Gasoline (RVP 13.5)	2.42	0.900%	1.30%	0.100%	0.500%	0.800%	1.60%	0.00%	0.022	0.031	0.002	0.012	0.019	0.039	0.00
80-12	Gasoline (RVP 9)	2.84	0.900%	1.30%	0.100%	0.500%	0.800%	1.60%	0.00%	0.026	0.037	0.003	0.014	0.023	0.045	0.00
80-12	Gasoline (RVP 12)	0.94	0.900%	1.30%	0.100%	0.500%	0.800%	1.60%	0.00%	0.008	0.012	0.001	0.005	0.007	0.015	0.00
120-4	Gasoline (RVP 15)	5.91	0.400%	1.10%	0.100%	0.400%	0.700%	1.40%	11.9%	0.024	0.065	0.006	0.024	0.041	0.083	0.703
120-4	Gasoline (RVP 13.5)	2.54	0.400%	1.10%	0.100%	0.400%	0.700%	1.40%	11.9%	0.010	0.028	0.003	0.010	0.018	0.036	0.302
120-4	Gasoline (RVP 9)	3.00	0.400%	1.10%	0.100%	0.400%	0.700%	1.40%	11.9%	0.012	0.033	0.003	0.012	0.021	0.042	0.357
120-4	Gasoline (RVP 12)	0.99	0.400%	1.10%	0.100%	0.400%	0.700%	1.40%	11.9%	0.004	0.011	0.001	0.004	0.007	0.014	0.117
120-6	Gasoline (RVP 15)	5.91	0.400%	1.10%	0.100%	0.400%	0.700%	1.40%	11.9%	0.024	0.065	0.006	0.024	0.041	0.083	0.703
120-6	Gasoline (RVP 13.5)	2.54	0.400%	1.10%	0.100%	0.400%	0.700%	1.40%	11.9%	0.010	0.028	0.003	0.010	0.018	0.036	0.302
120-6	Gasoline (RVP 9)	3.00	0.400%	1.10%	0.100%	0.400%	0.700%	1.40%	11.9%	0.012	0.033	0.003	0.012	0.021	0.042	0.357
120-6	Gasoline (RVP 12)	0.99	0.400%	1.10%	0.100%	0.400%	0.700%	1.40%	11.9%	0.004	0.011	0.001	0.004	0.007	0.014	0.117
217-7	Gasoline (RVP 15)	6.31	0.900%	1.30%	0.100%	0.500%	0.800%	1.60%	0.00%	0.057	0.082	0.006	0.032	0.050	0.101	0.00
217-7	Gasoline (RVP 13.5)	2.84	0.900%	1.30%	0.100%	0.500%	0.800%	1.60%	0.00%	0.026	0.037	0.003	0.014	0.023	0.045	0.00
217-7	Gasoline (RVP 9)	4.27	0.900%	1.30%	0.100%	0.500%	0.800%	1.60%	0.00%	0.038	0.056	0.004	0.021	0.034	0.068	0.00
217-7	Gasoline (RVP 12)	1.44	0.900%	1.30%	0.100%	0.500%	0.800%	1.60%	0.00%	0.013	0.019	0.001	0.007	0.011	0.023	0.00
268-8	Distillate fuel oil no. 2	3.76	0.020%	0.26%	0.040%	0.690%	0.000%	0.00%	0.00%	0.001	0.010	0.002	0.026	0.00	0.00	0.00
268-11	Gasoline (RVP 15)	7.37	0.400%	1.10%	0.100%	0.400%	0.700%	1.40%	11.9%	0.029	0.081	0.007	0.029	0.052	0.103	0.877
268-11	Gasoline (RVP 13.5)	3.31	0.400%	1.10%	0.100%	0.400%	0.700%	1.40%	11.9%	0.013	0.036	0.003	0.013	0.023	0.046	0.394
268-11	Gasoline (RVP 9)	4.99	0.400%	1.10%	0.100%	0.400%	0.700%	1.40%	11.9%	0.020	0.055	0.005	0.020	0.035	0.070	0.593
268-11	Gasoline (RVP 12)	1.68	0.400%	1.10%	0.100%	0.400%	0.700%	1.40%	11.9%	0.007	0.018	0.002	0.007	0.012	0.023	0.200
G-1	Gasoline (RVP 15)	0.00	0.900%	1.10%	0.100%	0.500%	0.800%	1.60%	0.00%	0.000	0.000	0.000	0.000	0.000	0.000	0.00
T-1	Gasoline (RVP 15)	2.20	0.900%	1.10%	0.100%	0.500%	0.800%	1.60%	0.00%	0.020	0.024	0.002	0.011	0.018	0.035	0.00
T-2	Gasoline (RVP 15)	1.43	0.900%	1.10%	0.100%	0.500%	0.800%	1.60%	0.00%	0.013	0.016	0.001	0.007	0.011	0.023	0.00
	Subtotals	114								Subtotals	0.722	1.133	0.112	0.523	0.828	6.43
Griffith East																
35-13	Gasoline (RVP 15)	3.40	0.400%	1.10%	0.100%	0.400%	0.700%	1.40%	11.9%	0.014	0.037	0.003	0.014	0.024	0.048	0.405
35-14	Gasoline (RVP 15)	2.70	0.900%	1.30%	0.100%	0.500%	0.800%	1.60%	0.00%	0.024	0.035	0.003	0.013	0.022	0.043	0.00
67-15	Gasoline (RVP 15)	6.36	0.900%	1.30%	0.100%	0.500%	0.800%	1.60%	0.00%	0.057	0.083	0.006	0.032	0.051	0.102	0.00
67-16	Gasoline (RVP 15)	3.79	0.900%	1.30%	0.100%	0.500%	0.800%	1.60%	0.00%	0.034	0.049	0.004	0.019	0.030	0.061	0.00
80-17	Gasoline (RVP 15)	4.24	0.400%	1.10%	0.100%	0.400%	0.700%	1.40%	11.9%	0.017	0.047	0.004	0.017	0.030	0.059	0.504
T-18	Gasoline (RVP 15)	0.84	0.900%	1.10%	0.100%	0.500%	0.800%	1.60%	0.00%	0.008	0.009	0.001	0.004	0.007	0.013	0.00
	Subtotals	21.3								Subtotals	0.154	0.260	0.021	0.099	0.163	0.909
	TOTALS	135								TOTALS	0.876	1.593	0.133	0.622	1.98	7.34

Total HAPs (tons/yr)
0.431
0.901
0.387
0.455
0.150
0.260
0.111
0.131
0.043
0.157
0.036
0.106
0.070
0.293
0.126
0.148
0.049
0.945
0.406
0.480
0.158
0.945
0.406
0.480
0.158
0.328
0.147
0.222
0.075
0.038
1.179
0.530
0.798
0.268
0.000
0.110
0.071
11.6
0.545
0.140
0.331
0.197
0.678
0.042
1.93
13.5

**Appendix A: Emission Calculations
Cold Cleaning Degreasing**

Company Name: Marathon Pipeline, LLC
Address City IN Zip: 1900 West Avenue H, Griffith, IN 46319
Title V Renewal: T 089-17511-00072
Plant ID: 089-00072
Reviewer: Michael A. Morrone
Date: 37616

Material	Usage (gal/day)	Density (lbs/gal)	Volume % VOC	Weight % VOC	Weight % HAP	VOC Emissions (tons/yr)	HAP Emissions (tons/yr)
Degreaser							
ZEP Dyna 143	0.014	6.60	100.00%	100.00%	0.00%	0.017	0.00

Methodology

VOC emissions (tons/yr) = Usage (gal/day) x Density (lbs/gal) x Weight % VOC x 365 days/yr / 2,000 lbs/ton

HAP emissions (tons/yr) = Usage (gal/day) x Density (lbs/gal) x Weight % HAP x 365 days/yr / 2,000 lbs/ton

There are no HAPs in this materials.

**Appendix A: Emissions Calculations
Natural Gas Combustion Only
MM BTU/HR <100**

**Company Name: Marathon Pipeline, LLC
Address City IN Zip: 1900 West Avenue H, Griffith, IN 46319
Title V Renewal: T 089-17511-00072
Plt ID: 089-00072
Reviewer: Michael A. Morrone
Application Date: December 26, 2002**

	Pollutant					
Emission Factor in lb/MMCF	PM* 1.90	PM10* 7.60	SO2 0.600	NOx 100 **see below	VOC 5.50	CO 84.0

*PM emission factor is filterable PM only. PM-10 emission factor is filterable and condensable PM-10 combined.

**Emission Factors for NOx: Uncontrolled = 100, Low NOx Burner = 50, Low NOx Burners/Flue gas recirculation = 32

Equipment	Heat Input Capacity MMBtu/hr	Potential Throughput MMCF/yr	Potential Emission in tons/yr					
			PM*	PM10*	SO2	NOx	VOC	CO
One (1) furnace, identified as F-1	0.100	0.876	0.001	0.003	0.0003	0.044	0.002	0.037
One (1) furnace, identified as F-2	0.135	1.183	0.001	0.004	0.0004	0.059	0.003	0.050
Total	0.235	2.06	0.002	0.008	0.001	0.103	0.006	0.086

Methodology

All emission factors are based on normal firing.

MMBtu = 1,000,000 Btu

MMCF = 1,000,000 Cubic Feet of Gas

Potential Throughput (MMCF) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1 MMCF/1,000 MMBtu

Emission Factors are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03

(SUPPLEMENT D 3/98)

Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton

See page 6 for HAPs emissions calculations.

**Appendix A: Emissions Calculations
 Natural Gas Combustion Only
 MM BTU/HR <100
 HAPs Emissions**

**Company Name: Marathon Pipeline, LLC
 Address City IN Zip: 1900 West Avenue H, Griffith, IN 46319
 Title V Renewal: T 089-17511-00072
 Plt ID: 089-00072
 Reviewer: Michael A. Morrone
 Application Date: December 26, 2002**

HAPs - Organics

Emission Factor in lb/MMcf	Benzene 0.0021	Dichlorobenzene 0.0012	Formaldehyde 0.075	Hexane 1.80	Toluene 0.0034
Potential Emission in tons/yr	0.000002	0.000001	0.0001	0.002	0.000003

HAPs - Metals

Emission Factor in lb/MMcf	Lead 0.0005	Cadmium 0.0011	Chromium 0.0014	Manganese 0.0004	Nickel 0.0021	Total HAPs
Potential Emission in tons/yr	0.000001	0.000001	0.000001	0.0000004	0.000002	0.002

Methodology is the same as page 5.

The five highest organic and metal HAPs emission factors are provided above.
 Additional HAPs emission factors are available in AP-42, Chapter 1.4.

**Appendix A: Emissions Calculations
Emergency Gasoline Powered Generator**

Company Name: Marathon Pipeline, LLC
Address City IN Zip: 1900 West Avenue H, Griffith, IN 46319
Title V Renewal: T 089-17511-00072
Pit ID: 089-00072
Reviewer: Michael A. Morrone
Application Date: December 26, 2002

Emergency Generator

Assumed 500 hrs per year of use.

	PM*	PM10*	SO2	NOx	VOC	CO
Emission Factor in lb/hp-hr	0.0007	0.0007	0.0006	0.011	0.015	0.439

*PM emission factor is filterable PM only. PM-10 emission factor is filterable and condensable PM-10 combined.

Equipment	Capacity (hp-hr)	Potential Emission in tons/yr					
		PM*	PM10*	SO2	NOx	VOC	CO
Emergency Gasoline Powered Generator	10.0	0.002	0.002	0.001	0.028	0.038	1.10
Total	10.0	0.002	0.002	0.001	0.028	0.038	1.10

Methodology

All emission factors from AP-42, Chapter 3.3, Gasoline and Diesel Industrial Engines, Table 3.3-1.
Emissions (tons/yr) = Capacity (hp-hr) X Emission Factor (lb/hp-hr) X (500 hrs/yr/2,000 lbs/ton)

Company Name: Marathon Pipeline, LLC
 Address City IN Zip: 1900 West Avenue H, Griffith, IN 46319
 Title V Renewal: T 089-17511-00072
 Pit ID: 089-00072
 Reviewer: Michael A. Morrone
 Application Date: December 26, 2002

Summary of Emissions

Uncontrolled Potential Emissions

Significant Emission Units	PM	PM-10	SO2	NOx	VOC	CO	Benzene	Toluene	Ethylbenzene	Xylene	2,2,4 Trimethylpentane	Hexane	MTBE	Dichlorobenzene	Formaldehyde	Lead	Cadmium	Chromium	Manganese	Nickel	Total HAPs	
	(tons/yr)	(tons/yr)	(tons/yr)	(tons/yr)	(tons/yr)	(tons/yr)	(tons/yr)	(tons/yr)	(tons/yr)	(tons/yr)	(tons/yr)	(tons/yr)	(tons/yr)	(tons/yr)	(tons/yr)	(tons/yr)	(tons/yr)	(tons/yr)	(tons/yr)	(tons/yr)	(tons/yr)	
Griffith West																						
80-3	0.00	0.00	0.00	0.00	8.28	0.00	0.075	0.108	0.008	0.041	0.066	0.133	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.431	
80-5	0.00	0.00	0.00	0.00	11.8	0.00	0.047	0.130	0.012	0.047	0.083	0.166	1.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.89	
80-9	0.00	0.00	0.00	0.00	10.5	0.00	0.094	0.136	0.010	0.052	0.084	0.168	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.545	
80-10	0.00	0.00	0.00	0.00	7.09	0.00	0.064	0.092	0.007	0.035	0.057	0.113	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.369	
80-12	0.00	0.00	0.00	0.00	11.8	0.00	0.106	0.154	0.012	0.059	0.095	0.189	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.615	
120-4	0.00	0.00	0.00	0.00	12.4	0.00	0.050	0.137	0.012	0.050	0.087	0.174	1.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.99	
120-6	0.00	0.00	0.00	0.00	12.4	0.00	0.050	0.137	0.012	0.050	0.087	0.174	1.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.99	
217-7	0.00	0.00	0.00	0.00	14.9	0.00	0.134	0.193	0.015	0.074	0.119	0.238	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.772	
268-8	0.00	0.00	0.00	0.00	3.76	0.00	0.001	0.010	0.002	0.026	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.038	
268-11	0.00	0.00	0.00	0.00	17.3	0.00	0.069	0.191	0.017	0.069	0.121	0.243	2.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.78	
G-1	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	
T-1	0.00	0.00	0.00	0.00	2.20	0.00	0.020	0.024	0.002	0.011	0.018	0.035	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.110	
T-2	0.00	0.00	0.00	0.00	1.43	0.00	0.013	0.016	0.001	0.007	0.011	0.023	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.071	
Griffith East																						
35-13	0.00	0.00	0.00	0.00	3.40	0.00	0.014	0.037	0.003	0.014	0.024	0.048	0.405	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.545	
35-14	0.00	0.00	0.00	0.00	2.70	0.00	0.024	0.035	0.003	0.013	0.022	0.043	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.140	
67-15	0.00	0.00	0.00	0.00	6.36	0.00	0.057	0.083	0.006	0.032	0.051	0.102	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.331	
67-16	0.00	0.00	0.00	0.00	3.79	0.00	0.034	0.049	0.004	0.019	0.030	0.061	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.197	
80-17	0.00	0.00	0.00	0.00	4.24	0.00	0.017	0.047	0.004	0.017	0.030	0.059	0.504	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.678	
T-18	0.00	0.00	0.00	0.00	0.835	0.00	0.008	0.009	0.001	0.004	0.007	0.013	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.042	
Fugitive Emissions	0.00	0.00	0.00	0.00	1.29	0.00	0.012	0.017	0.006	0.001	0.021	0.010	0.067	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.134	
Subtotal Significant Emission Units	0.00	0.00	0.00	0.00	137	0.00	0.888	1.59	0.133	0.622	0.990	1.98	7.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.5	
Insignificant Activities																						
Natural gas-fired combustion units	0.002	0.008	0.001	0.103	0.006	0.086	0.000002	0.000003	0.00	0.00	0.00	0.002	0.00	0.000001	0.0001	0.000001	0.000001	0.000001	0.0000004	0.000002	0.002	
Degreasing operations	0.00	0.00	0.00	0.00	0.017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Emergency Generator	0.002	0.002	0.001	0.028	0.006	1.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Other Insignificant Activities	0.00	0.00	0.00	0.00	0.004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Subtotal Insignificant Activities	0.004	0.010	0.002	0.130	0.028	1.18	0.000002	0.000003	0.00	0.00	0.00	0.002	0.00	0.000001	0.0001	0.000001	0.000001	0.000001	0.0000004	0.000002	0.002	
Total	0.004	0.010	0.002	0.130	137	1.18	0.888	1.59	0.133	0.622	0.990	1.98	7.34	0.000001	0.0001	0.000001	0.000001	0.000001	0.0000004	0.000002	13.5	