INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

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

TO: Interested Parties / Applicant

DATE: June 16, 2008

RE: HWRT Terminal Seymour, LLC / 071-25503-00034

FROM: Matthew Stuckey, Branch 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, Suite N 501E, 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 impractible 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.

Enclosures
FNTVOP.dot 3/27/08

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

Mitchell E. Daniels, Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
(317) 232-8603
(800) 451-6027
www.IN.gov/idem

Part 70 Operating Permit Renewal
OFFICE OF AIR QUALITY

HWRT Terminal Seymour
9780 North US Highway 31
Seymour, Indiana 47242

(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.: T071-25503-00034	
Issued by/Original Signed By: Tripurari Sinha, Ph.D., Section Chief Permits Branch Office of Air Quality	Issuance Date: June 16, 2008 Expiration Date: June 16, 2013

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SECTION A SOURCE SUMMARY

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

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

The Permittee owns and operates a stationary petroleum bulk stations and terminals.

Source Address:	9780 North US Highway 31, Seymour, Indiana 47242
Mailing Address:	9780 US Highway 31, Seymour, IN 47242
General Source Phone Number:	812-445-3639
SIC Code:	5171, 4226
County Location:	Jackson
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Operating Permit Program Minor Source, under PSD Rules Minor Source, Section 112 of the Clean Air Act Not 1 of 28 Source Categories

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

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

(a) One (1) internal floating roof storage tank, identified as 101, constructed in 1965, capacity: 420,042 gallons of petroleum products.

(b) One (1) internal floating roof storage tank, identified as 102, constructed in 1965, capacity: 420,042 gallons of petroleum products.

(c) One (1) internal floating roof storage tank, identified as 103, constructed in 1965, capacity: 201,474 gallons of petroleum products.

(d) One (1) internal floating roof storage tank, identified as 104, constructed in 1965, capacity: 197,694 gallons of petroleum products.

(e) One (1) internal floating roof storage tank, identified as 105, constructed in 1974, capacity: 449,442 gallons of petroleum products.

(f) One (1) fixed roof storage tank, identified as water, constructed in 1965, capacity: 15,000 gallons of a mixture of water and volatile petroleum liquid.

(g) One (1) underground process tank, identified as slop, constructed in 1965, capacity: 6,000 gallons of a mixture of water and volatile petroleum liquid.

(h) One (1) fixed roof storage tank, identified as add-1, constructed in 1995, capacity: 7,953 gallons of gasoline additive.

(i) One (1) fixed roof storage tank, identified as add-2, constructed in 1995, capacity: 2,961 gallons of diesel additive.

(j) One (1) fixed roof storage tank, identified as add-3, constructed in 1997, capacity: 8,000 gallons of diesel additive.

(k) Piping operations, identified as F-1, resulting in fugitive emissions.

(l) One (1) loading rack, identified as F-2, constructed in 1965 for submerged loading of petroleum products, with a maximum capacity of 967,261,680 gallons of petroleum products per year and a limited capacity of 83,000,000 gallons of gasoline and 123,000,000 gallons of total petroleum products, including gasoline, per twelve (12) consecutive month period.

(m) One (1) vertical fixed roof storage tank, identified as B100, constructed in 2007, capacity: 33,000 gallons of biodiesel.

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

This stationary source does not currently have any insignificant activities, as defined in 326 IAC 2-7-1(21) that have applicable requirements.

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

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

(a) It is a major source, as defined in 326 IAC 2-7-1(22);

(b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

SECTION B GENERAL CONDITIONS

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

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

B.2 Permit Term [326 IAC 2-7-5(2)][326 IAC 2-1.1-9.5][326 IAC 2-7-4(a)(1)(D)][IC 13-15-3-6(a)]

(a) This permit, T071-25503-00034, 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) A "responsible official" is defined at 326 IAC 2-7-1(34).

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

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

(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

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 T071-25503-00034 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 noncompliance 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]

(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 Advanced Source Modification Approval [326 IAC 2-7-5(16)] [326 IAC 2-7-10.5]

(a) The requirements to obtain a source modification approval under 326 IAC 2-7-10.5 or a permit modification under 326 IAC 2-7-12 are satisfied by this permit for the proposed emission units, control equipment or insignificant activities in Sections A.2 and A.3.

(b) Pursuant to 326 IAC 2-1.1-9 any permit authorizing construction may be revoked if construction of the emission unit has not commenced within eighteen (18) months from the date of issuance of the permit, or if during the construction, work is suspended for a continuous period of one (1) year or more.

B.26 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 Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) Pounds per Hour [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2(e)(2), particulate emissions from any process not exempt under 326 IAC 6-3-1(b) or (c) which has a maximum process weight rate less than 100 pounds per hour and the methods in 326 IAC 6-3-2(b) through (d) do not apply shall not exceed 0.551 pounds per hour.

C.2 Opacity [326 IAC 5-1]

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

(a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.

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

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

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

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

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

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions). 326 IAC 6-4-2(4) is not federally enforceable.

C.6 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

(a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.

(b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work

or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:

(1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or

(2) If there is a change in the following:

(A) Asbestos removal or demolition start date;

(B) Removal or demolition contractor; or

(C) Waste disposal site.

(c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).

(d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Asbestos Section, Office of Air Quality
100 North Senate Avenue
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 Licensed 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 Licensed Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Licensed Asbestos inspector is not federally enforceable.

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

C.7 Performance Testing [326 IAC 3-6]

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

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

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
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.8 Compliance Requirements [326 IAC 2-1.1-11]

The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements by issuing an order under 326 IAC 2-1.1-11. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U. S. EPA.

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

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

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

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue
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.10 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]

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

C.11 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

(a) When required by any condition of this permit, an analog instrument used to measure a parameter related to the operation of an air pollution control device shall have a scale such that the expected maximum reading for the normal range shall be no less than twenty percent (20%) of full scale.

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

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

C.12 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

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

(a) The Permittee prepared and submitted written emergency reduction plans (ERPs) consistent with safe operating procedures on January 27, 1997.

(b) Upon direct notification by IDEM, OAQ that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

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

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

C.14 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; and/or

(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.15 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5][326 IAC 2-7-6]

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

(b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one hundred 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.16 Emission Statement [326 IAC 2-7-5(3)(C)(iii)][326 IAC 2-7-5(7)][326 IAC 2-7-19(c)][326 IAC 2-6]

(a) Pursuant to 326 IAC 2-6-3(b)(3), starting in 2006 and every three (3) years thereafter, the Permittee shall submit by July 1 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 required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

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

(a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

(b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

C.18 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11]

(a) The 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.

Stratospheric Ozone Protection

C.19 Compliance with 40 CFR 82 and 326 IAC 22-1

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

(a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.

(b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.

(c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

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

(a) One (1) internal floating roof storage tank, identified as 101, constructed in 1965, capacity: 420,042 gallons of petroleum products.

(b) One (1) internal floating roof storage tank, identified as 102, constructed in 1965, capacity: 420,042 gallons of petroleum products.

(c) One (1) internal floating roof storage tank, identified as 103, constructed in 1965, capacity: 201,474 gallons of petroleum products.

(d) One (1) internal floating roof storage tank, identified as 104, constructed in 1965, capacity: 197,694 gallons of petroleum products.

(e) One (1) internal floating roof storage tank, identified as 105, constructed in 1974, capacity: 449,442 gallons of petroleum products.

(f) One (1) fixed roof storage tank, identified as water, constructed in 1965, capacity: 15,000 gallons of a mixture of water and volatile petroleum liquid.

(g) One (1) underground process tank, identified as slop, constructed in 1965, capacity: 6,000 gallons of a mixture of water and volatile petroleum liquid.

(h) One (1) fixed roof storage tank, identified as add-1, constructed in 1995, capacity: 7,953 gallons of gasoline additive.

(i) One (1) fixed roof storage tank, identified as add-2, constructed in 1995, capacity: 2,961 gallons of diesel additive.

(j) One (1) fixed roof storage tank, identified as add-3, constructed in 1997, capacity: 8,000 gallons of diesel additive.

(k) Piping operations, identified as F-1, resulting in fugitive emissions.

(l) One (1) loading rack, identified as F-2, constructed in 1965 for submerged loading of petroleum products, with a maximum capacity of 967,261,680 gallons of petroleum products per year and a limited capacity of 83,000,000 gallons of gasoline and 123,000,000 gallons of total petroleum products, including gasoline, per twelve (12) consecutive month period.

(m) One (1) vertical fixed roof storage tank, identified as B100, constructed in 2007, capacity: 33,000 gallons of biodiesel.

(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 Prevention of Significant Deterioration (PSD) and Hazardous Air Pollutants (HAPs) Minor Limits [326 IAC 2-2] [326 IAC 20-10-1] [40 CFR Part 63, Subpart R]

Pursuant to T 071-7461-00034, issued on June 12, 1998, and revised by T 071-25503-00034:

(a) The input of gasoline to the loading rack, F-2, shall not exceed 83,000,000 gallons per twelve (12) consecutive month period, with compliance determined at the end of each month; and

(b) The total input of all petroleum products, including gasoline, to the loading rack, F-2, shall not exceed 123,000,000 gallons per twelve (12) consecutive month period, with compliance determined at the end of each month.

Compliance with the above limits in combination with the potential to emit single HAP, combined HAPs and VOC from other emission units shall limit each single HAP, combined HAPs and VOC to less than 10, 25, and 250 tons per twelve consecutive month period respectively from the entire source based on the most recently established HAP/VOC ratios and will render 326 IAC 2-2 and 40 CFR 63, Subpart R, National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) not applicable to this source.

D.1.2 Control of Gasoline Reid Vapor Pressure [326 IAC 13-3]

Pursuant to 326 IAC 13-3, all gasoline distributed to Clark or Floyd Counties between May 1 and September 15 of each year shall meet the federal requirements of Reformulated Gas (RFG) that complies with seven and eight-tenths (7.8) pounds per square inch low Reid Vapor Pressure (RVP) gasoline, federal reformulated gasoline, or ethanol blended low RVP gasoline.

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 the loading rack, F-2, and any control devices.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19] [40 CFR Part 60.110, Subpart K]

D.1.4 Record Keeping Requirements

To comply with condition D.1.1:

(a) The Permittee shall maintain complete and sufficient records to establish compliance with the HAP usage limits and/or HAP emission limits that are established in Condition D.1.1:

(1) The HAP/VOC ratio representing the worst-case ratio for each fuel received and a reference to the source of the ratio;

(2) The weight of HAPS emitted for each compliance period, considering capture and control efficiency, if applicable; and

(3) Identification of the facility or facilities associated with the usage of each HAP.

(b) The Permittee shall maintain records of the input of gasoline and total petroleum products to the loading rack (F-2) each month.

(c) Pursuant to 326 IAC 13-3-4 (Record keeping requirements), transfer documents shall be kept for all gasoline distributed to Clark or Floyd Counties between May 1 and September 15 of each year unless the gasoline is being dispensed into motor vehicles or purchased by a consumer at a retail or wholesale outlet. All compliant fuel shall be segregated from noncompliant fuel and labeled. Records shall be maintained for a minimum of two (2) years. These records shall accompany every shipment of gasoline after it has been dispensed by the refinery, and shall contain at minimum, the following:

(1) The date of all transfers.

(2) The volume of the gasoline that was transferred.

(3) The volume and percentage of ethanol if ethanol blended, with a date and location of blending.

(4) The location and time of transfer.

(5) A statement certifying that the gasoline has an RVP of seven and eight-tenths (7.8) pounds per square inch or less per gallon or is ethanol blended or is certified as RFG.

D.1.5 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.1.1 shall be submitted to the addresses listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

SECTION E.1 EMISSIONS UNIT OPERATION CONDITIONS

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

(e) One (1) internal floating roof storage tank, identified as 105, constructed in 1974, capacity: 449,442 gallons of petroleum products.

(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)]

E.1.1 General Provisions Relating to New Source Performance Standards [326 IAC 12-1] [40 CFR 60, Subpart K]

(a) Pursuant to 40 CFR 60, Subpart K, the Permittee shall comply with the General Provisions, which are incorporated by reference as 326 IAC 12-1 for Tank 105 except as otherwise specified in 40 CFR Part 60, Subpart K.

(b) Pursuant to 40 CFR 60, Subpart K, 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 60, Subpart K]

Pursuant to 40 CFR 60, Subpart K, the Permittee shall comply with the provisions of 40 CFR Part 60, Subpart K, for existing Tank 105:

(1) 40 CFR 60.110
(2) 40 CFR 60.111
(3) 40 CFR 60.112
(4) 40 CFR 60.113

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
PART 70 OPERATING PERMIT
CERTIFICATION

Source Name: HWRT Terminal Seymour
Source Address: 9780 North US Highway 31, Seymour, Indiana 47242
Mailing Address: 9780 US Highway 31, Seymour, IN 47242
Part 70 Permit No.: T071-25503-00034

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

PART 70 OPERATING PERMIT
EMERGENCY OCCURRENCE REPORT

Source Name: HWRT Terminal Seymour
Source Address: 9780 North US Highway 31, Seymour, Indiana 47242
Mailing Address: 9780 US Highway 31, Seymour, IN 47242
Part 70 Permit No.: T071-25503-00034

This form consists of 2 pages **Page 1 of 2**

□ This is an emergency as defined in 326 IAC 2-7-1(12)

- The Permittee must notify the Office of Air Quality (OAQ), within four (**4**) business hours (1-800-451-6027 or 317-233-0178, ask for Compliance Section); and
- 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
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 Quarterly Report

Source Name: HWRT Terminal Seymour
Source Address: 9780 North US Highway 31, Seymour, Indiana 47242
Mailing Address: 9780 US Highway 31, Seymour, IN 47242
Part 70 Permit No.: T071-25503-00034
Facility: Loading Rack (F-2)
Parameter: Gasoline input
Limit: 83,000,000 gallons per twelve (12) consecutive month period, with compliance determined at the end of each month

QUARTER : YEAR:

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

☐ No deviation occurred in this quarter.

☐ Deviation/s occurred in this quarter.
Deviation has been reported on:

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

Attach a signed certification to complete this report.

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

Part 70 Quarterly Report

Source Name: HWRT Terminal Seymour
Source Address: 9780 North US Highway 31, Seymour, Indiana 47242
Mailing Address: 9780 US Highway 31, Seymour, IN 47242
Part 70 Permit No.: T071-25503-00034
Facility: Loading Rack (F-2)
Parameter: Petroleum products input including gasoline (gallons)
Limit: 123,000,000 gallons per twelve (12) consecutive month period, with compliance determined at the end of each month

QUARTER : YEAR:

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

□ No deviation occurred in this quarter.

□ Deviation/s occurred in this quarter.
Deviation has been reported on:

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

Attach a signed certification to complete this report.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION
PART 70 OPERATING PERMIT
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT

Source Name: HWRT Terminal Seymour
Source Address: 9780 North US Highway 31, Seymour, Indiana 47242
Mailing Address: 9780 US Highway 31, Seymour, IN 47242
Part 70 Permit No.: T071-25503-00034

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".

□ NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

□ THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD

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

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

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

Form Completed by:_____

Title / Position: _____

Date:_____

Phone: _____

Attach a signed certification to complete this report.

Attachment A, NSPS Subpart K

HWRT Terminal Seymour
9780 North U.S. Highway 31
Seymour, Indiana 47274

Permit No.: **F071-25503-00034**

Title 40: Protection of Environment

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

§ 60.110 Applicability and designation of affected facility.

(a) Except as provided in §60.110(b), the affected facility to which this subpart applies is each storage vessel for petroleum liquids which has a storage capacity greater than 151,412 liters (40,000 gallons).

(b) This subpart does not apply to storage vessels for petroleum or condensate stored, processed, and/or treated at a drilling and production facility prior to custody transfer.

(c) Subject to the requirements of this subpart is any facility under paragraph (a) of this section which:

(1) Has a capacity greater than 151, 416 liters (40,000 gallons), but not exceeding 246,052 liters (65,000 gallons), and commences construction or modification after March 8, 1974, and prior to May 19, 1978.

(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.

[42 FR 37937, July 25, 1977, as amended at 45 FR 23379, Apr. 4, 1980]

§ 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).

[39 FR 9317, Mar. 8, 1974; 39 FR 13776, Apr. 17, 1974, as amended at 39 FR 20794, June 14, 1974; 45 FR 23379, Apr. 4, 1980; 48 FR 3737, Jan. 27, 1983; 52 FR 11429, Apr. 8, 1987; 65 FR 61755, Oct. 17, 2000]

§ 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.

[39 FR 9317, Mar. 8, 1974; 39 FR 13776, Apr. 17, 1974, as amended at 45 FR 23379, Apr. 4, 1980]

§ 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).

(d) The following are exempt from the requirements of this section:

(1) Each owner or operator of each affected facility which stores petroleum liquids with a Reid vapor pressure of less than 6.9 kPa (1.0 psia) provided the maximum true vapor pressure does not exceed 6.9 kPa (1.0 psia).

(2) Each owner or operator of each affected facility equipped with a vapor recovery and return or disposal system in accordance with the requirements of §60.112.

[45 FR 23379, Apr. 4, 1980]

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:	**HWRT Terminal Seymour**
Source Location:	**9780 North US Highway 31**
County:	**Jackson**
SIC Code:	**5171, 4226**
Permit Renewal No.:	**T071-25503-00034**
Permit Reviewer:	**Rebecca Jacobs**

The Office of Air Quality (OAQ) has reviewed the operating permit renewal application from HWRT Terminal Seymour relating to the operation of the stationary petroleum bulk stations and terminals.

History

On November 5, 2007, HWRT Terminal Seymour submitted an application to the OAQ requesting to renew its operating permit. HWRT Terminal Seymour was issued a Part 70 Operating Permit Renewal on July 1, 2003.

Permitted Emission Units and Pollution Control Equipment

(a) One (1) internal floating roof storage tank, identified as 101, constructed in 1965, capacity: 420,042 gallons of petroleum products.

(b) One (1) internal floating roof storage tank, identified as 102, constructed in 1965, capacity: 420,042 gallons of petroleum products.

(c) One (1) internal floating roof storage tank, identified as 103, constructed in 1965, capacity: 201,474 gallons of petroleum products.

(d) One (1) internal floating roof storage tank, identified as 104, constructed in 1965, capacity: 197,694 gallons of petroleum products.

(e) One (1) internal floating roof storage tank, identified as 105, constructed in 1974, capacity: 449,442 gallons of petroleum products.

(f) One (1) fixed roof storage tank, identified as water, constructed in 1965, capacity: 15,000 gallons of a mixture of water and volatile petroleum liquid.

(g) One (1) underground process tank, identified as slop, constructed in 1965, capacity: 6,000 gallons of a mixture of water and volatile petroleum liquid.

(h) One (1) fixed roof storage tank, identified as add-1, constructed in 1995, capacity: 7,953 gallons of gasoline additive.

(i) One (1) fixed roof storage tank, identified as add-2, constructed in 1995, capacity: 2,961 gallons of diesel additive.

(j) One (1) fixed roof storage tank, identified as add-3, constructed in 1997, capacity: 8,000 gallons of diesel additive.

(k) Piping operations, identified as F-1, resulting in fugitive emissions.

(l) One (1) loading rack, identified as F-2, constructed in 1965 for submerged loading of petroleum products, with a maximum capacity of 967,261,680 gallons of petroleum products per year.

(m) One (1) vertical fixed roof storage tank, identified as B100, constructed in 2007, capacity: 33,000 gallons of biodiesel.

Emission Units and Pollution Control Equipment Constructed and/or Operated without a Permit

There are no unpermitted emission units at this source.

Emission Units and Pollution Control Equipment Removed From the Source

No emission units or pollution control equipment has been removed since the last permit was issued.

Insignificant Activities (Only for FESOP Renewals and Title V Renewals)

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

(a) The following VOC and HAP storage containers: storage tanks with capacity less than or equal to 1,000 gallons and annual throughputs less than 12,000 gallons; vessels storing lubricating oil, hydraulic oils, machining oils, and machining fluids. This includes one (1) underground storage tank with a capacity of 290 gallons and an annual throughput of approximately 600 gallons.

(b) Groundwater oil recovery and monitoring wells.

(c) Paved and unpaved roads and parking lots with public access.

(d) 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.

(e) Blowdown for any of the following: sight glass; boiler; compressors; pumps; and cooling tower.

Existing Approvals

Since the issuance of the Part 70 Operating Permit T071-16104-00034 on July 1, 2003, the source has constructed or has been operating under the following approvals as well:

(a) Administrative Amendment No. T071-18755-00034 issued on April 13, 2004;

(b) Administrative Amendment No. T071-20593-00034 issued on April 21, 2005; and

(c) Administrative Amendment No. T071-24819-00034 issued on July 5, 2007.

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 permit. All previous registrations and permits are superseded by this permit.

Enforcement Issues

There are no enforcement actions pending.

Emission Calculations

The calculations submitted by the applicant have been verified and found to be accurate and correct. These calculations are provided in Appendix A of this document.

County Attainment Status

The source is located in Jackson County

Pollutant	Designation
SO_2	Better than national standards.
CO	Unclassifiable or attainment effective November 15, 1990.
O_3	Attainment effective December 29, 2005, for the 8-hour ozone standard.[1]
PM_{10}	Unclassifiable effective November 15, 1990.
NO_2	Cannot be classified or better than national standards.
Pb	Not designated.

[1]Unclassifiable or attainment effective October 18, 2000, for the 1-hour ozone standard which was revoked effective June 15, 2005.
Unclassifiable or attainment effective April 5, 2005, for PM2.5.

(a) Ozone Standards

(1) On October 25, 2006, the Indiana Air Pollution Control Board finalized a rule revision to 326 IAC 1-4-1 revoking the one-hour ozone standard in Indiana.

(2) On September 6, 2007, the Indiana Air Pollution Control Board finalized a temporary emergency rule to re-designate Allen, Clark, Elkhart, Floyd, LaPorte, St. Joseph as attainment for the 8-hour ozone standard.

(3) On November 9, 2007, the Indiana Air Pollution Control Board finalized a temporary emergency rule to re-designate Boone, Clark, Elkhart, Floyd, LaPorte, Hamilton, Hancock, Hendricks, Johnson, Madison, Marion, Morgan, Shelby, and St. Joseph as attainment for the 8-hour ozone standard.

(4) Volatile organic compounds (VOC) and Nitrogen Oxides (NOx) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NOx emissions are considered when evaluating the rule applicability relating to ozone. Jackson County has been designated as attainment or unclassifiable for ozone. Therefore, VOC and NOx emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

(b) Jackson County has been classified as attainment for PM2.5. U.S. EPA has not yet established the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2 for PM2.5 emissions. Therefore, until the U.S. EPA adopts specific provisions for PSD review for PM2.5 emissions, it has directed states to regulate PM10 emissions as a surrogate for PM2.5 emissions.

(c) Other Criteria Pollutants

Jackson County has been classified as attainment or unclassifiable in Indiana for all other criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

(d) Fugitive Emissions
This type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2 or 326 IAC 2-3, however, there is an applicable New Source Performance Standard, 40 CFR Part 60.110, Subpart K, that was in effect on August 7, 1980, therefore fugitive emissions are counted toward the determination of PSD and Emission Offset applicability.

Unrestricted Potential Emissions

These tables reflect the unrestricted potential emissions of the source.

Pollutant	tons/year
PM	<5
PM_{10}	<5
SO_2	-
VOC	>100
CO	-
NO_x	-

HAPs	tons/year
2,2,4-Trimethylpentane	>10
Benzene	>10
Biphenol	<10
Cresols	<10
Cumene	<10
Ethyl benzene	<10
n-Hexane	>10
MTBE	>10
Napthalene	<10
Phenol	<10
Styrene	<10
Toluene	>10
Xylene	<10
Total	**>25**

Appendix A of this TSD reflects the unrestricted potential emissions of the source.

(a) The potential to emit (as defined in 326 IAC 2-7-1(29)) of VOC is equal to or greater than 100 tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-7.

(b) The potential to emit (as defined in 326 IAC 2-7-1(29)) of all other criteria pollutants are less than 100 tons per year.

(c) The potential to emit (as defined in 326 IAC 2-7-1(29)) of any single HAP is equal to or greater than ten (10) tons per year and/or the potential to emit (as defined in 326 IAC 2-7-1(29)) of a combination of HAPs is equal to or greater than twenty-five (25) tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-7.

Part 70 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 permits.

(b) Record keeping and reporting requirements which assume that all reasonable information is provided to evaluate continuous compliance with the applicable requirements.

Potential to Emit After Issuance

The table below summarizes the potential to emit, reflecting all limits, of the emission units. Any control equipment is considered federally enforceable only after issuance of this Part 70 permit renewal, and only to the extent that the effect of the control equipment is made practically enforceable in the permit.

	Potential to Emit (tons/year)					
Process/ Emission Unit	**PM**	**PM_{10}**	**SO_2**	**VOC**	**CO**	**NO_X**
Storage Tanks	-	-	-	8.90	-	-
Loading Rack	-	-	-	208	-	-
Fugitives (pumps, flanges & valves)	-	-	-	0.119	-	-
Insignificant Activities	-	-	-	negligible	-	-
Total	**-**	**-**	**-**	**217**	**-**	**-**
Major Source Threshold	**250**	**250**	**250**	**250**	**250**	**250**

(a) This existing stationary source is not major for PSD because the emissions of each regulated pollutant are less than two hundred fifty (<250) tons per year, and it is not one of the twenty-eight (28) listed source categories.

(b) Fugitive Emissions
This type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2 or 326 IAC 2-3, however, there is an applicable New Source Performance Standard that was in effect on August 7, 1980, therefore fugitive emissions are counted toward the determination of PSD and Emission Offset applicability.

Federal Rule Applicability

(a) Pursuant to 40 CFR 64.2, Compliance Assurance Monitoring (CAM) is applicable to existing emission units that involve a pollutant-specific emission unit and meet the following criteria:

(1) has a potential to emit before controls equal to or greater than the major source threshold for the pollutant involved;

(2) is subject to an emission limitation or standard for that pollutant; and

(3) uses a control device, as defined in 40 CFR 64.1, to comply with that emission limitation or standard.

The requirements of 40 CFR Part 64, CAM are not applicable to any of the existing units as part of this Part 70 permit renewal because none of the emission units is equipped with a control device.

(b) The loading rack at this source was constructed in 1965, which is prior to December 17, 1980, and this source has not been reconstructed. Therefore, this source is not subject to the New Source Performance Standards (326 IAC 12) (40 CFR 60.500 through 60.506, Subpart XX, Standards of Performance for Bulk Gasoline Terminals).

(c) The storage tanks identified as 101, 102, 103, 104, water, and slop are not subject to the New Source Performance Standard, 326 IAC 12, (40 CFR Parts 60. 110, 110a - 115a or 110b - 117b, Subparts K, Ka, and Kb), because these significant emission units were all constructed prior to the earliest applicability date of June 11, 1973 for Subpart K, Ka, or Kb.

(d) The storage tanks identified as add-1 and add-2 constructed in 1995 and the storage tank identified as add-3, constructed in 1997, are not subject to Subpart Kb because the capacity of each tank is less than 75 cubic meters (10,567 gallons).

(e) The storage tank identified as 105 is subject to the New Source Performance Standard, 326 IAC 12, [40 CFR Part 60, Subpart K] because it was constructed after June 11, 1973 and prior to May 19, 1978 and has a capacity greater than 65,000 gallons. Since the true vapor pressure of the liquid stored in storage tank 105 is greater than 1.5 pounds per square inch (psia) and less than 11.1 psia, the tank will be equipped with a floating roof, a vapor recovery system or the equivalents at all times. Tank 105 is equipped with mechanical shoe seals for vapor recovery. The following sections will apply:

(1) 40 CFR 60.110
(2) 40 CFR 60.111
(3) 40 CFR 60.112
(4) 40 CFR 60.113

(f) One (1) vertical fixed roof storage tank, identified as B100, constructed in 2007, with a capacity of 33,000 gallons of biodiesel. The B100 storage tank is not subject to 40 CFR 60, Subpart Kb, even though it has a maximum capacity greater than 19,813 and less than 39,890 gallons, because it is not intended to store liquids that have a maximum vapor pressure less than 2.18 pounds per square inch (psi).

(g) The throughput of gasoline at this source is limited to 83,000,000 gallons per twelve (12) consecutive month period, with compliance determined at the end of each month, and the total throughput of all petroleum products, including gasoline, is limited to 123,000,000 gallons per twelve (12) consecutive month period, with compliance determined at the end of each month. This will result in individual HAP emissions of 9.02 tons per year from the

loading rack, and less than 10 tons per year from the entire source and total HAP emissions of 19.3 tons per year from the loading rack and less than 25 tons per year from the entire source, based on the HAP/VOC ratios from the 1993 EPA/Radian study (See pages 1 and 2 of TSD Appendix A). Therefore, this source is not a major source of HAPs and the requirements of 40 CFR Part 63, Subpart R, do not apply.

(h) There are still no National Emission Standards for Hazardous Air Pollutants (NESHAPs) (326 IAC 14, 326 IAC 20, 40 CFR 61 and 40 CFR Part 63) applicable to this source.

State Rule Applicability - Entire Source

326 IAC 2-2 (Prevention of Significant Deterioration (PSD)
The VOC from the entire source is limited to less than 250 tons/year as shown below:

(a) The input of gasoline to the loading rack, F-2, shall not exceed 83,000,000 gallons per twelve (12) consecutive month period, with compliance determined at the end of each month; and

(b) The total input of all petroleum products, including gasoline, to the loading rack, F-2, shall not exceed 123,000,000 gallons per twelve (12) consecutive month period, with compliance determined at the end of each month.

Compliance with the above limits in combination with the potential to emit single HAP, combined HAPs and VOC from other emission units shall limit each single HAP, combined HAPs and VOC to less than 10, 25, and 250 tons per twelve consecutive month period respectively from the entire source based on the most recently established HAP/VOC ratios and will render 326 IAC 2-2 and 40 CFR 63, Subpart R, National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) not applicable to this source.

326 IAC 2-4.1-1 (New Source Toxics Control)
This source was constructed prior to July 27, 1997. Therefore, the requirements of 326 IAC 2-4.1-1 are not applicable. The one (1) fixed roof storage tank, identified as add-3, constructed in 1997, does not have PTE of single HAP and combined HAPs of 10 or more tons per year or 25 or more tons per year respectively. Therefore, the requirements of 326 IAC 2-4.1-1 do not apply to that tank.

326 IAC 2-6 (Emission Reporting)
This source is subject to 326 IAC 2-6 (Emission Reporting) because it is required to have an operating permit under 326 IAC 2-7, Part 70 program. Pursuant to this rule, the Permittee shall submit an emission statement certified pursuant to the requirements of 326 IAC 2-6. In accordance with the compliance schedule specified in 326 IAC 2-6-3, an emission statement must be submitted triennially by July 1 beginning in 2006 and every 3 years after. Therefore, the next emission statement for this source must be submitted by July 1, 2009. 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 Exemptions), opacity shall meet the following, unless otherwise stated in the permit:

(a) Opacity shall not exceed an average of forty percent (40%) 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 6-5 (Fugitive Particulate Matter Emission Limitations)
This source is not in a nonattainment area for particulate matter and was not a new source of fugitive particulate matter emissions on or after December 13,1985. Therefore, the requirements of 326 IAC 6-5 are not applicable.

State Rule Applicability – Individual Facilities

326 IAC 8-4-3 (Petroleum liquid storage facilities)

(a) The storage tanks identified as 101, 102, 103, 104, 105, water, and slop are not subject to 326 IAC 8-4-3 (Petroleum liquid storage facilities), because they were all constructed prior to the applicability date of January 1, 1980.

(b) The storage tanks identified as add-1 and add-2, constructed in 1995, and the storage tank identified as add-3, constructed in 1997, are not subject to 326 IAC 8-4-3 because the capacity of each tank is less than 39,000 gallons.

326 IAC 8-4-4 (Bulk gasoline terminals)
The loading rack at this source is not subject to the requirements of 326 8-4-4 because the loading rank was constructed prior to the January 1, 1980 applicability date of this rule.

326 IAC 8-4-5 (Bulk gasoline plants)
The loading rack at this source is not subject to the requirements of 326 8-4-5 because the loading rank was constructed prior to the January 1, 1980 applicability date of this rule.

326 IAC 8-4-6 (Gasoline dispensing facilities)
The loading rack at this source is not subject to the requirements of 326 8-4-6 because the loading rack was constructed prior to the July 1, 1989 applicability date of this rule.

326 IAC 8-1-6 (New facilities; General reduction requirements)
The loading rack at this source has a potential to emit more than 25 tons per year of VOC. Since the loading rack was constructed prior to January 1, 1980, it is not subject to the requirements of 326 8-1-6.

326 IAC 8-6 (Organic Solvent Emission Limitations)
This source has a potential to emit more than 100 tons per year of VOC. However, this source is not subject to the requirements of 326 8-6, because construction of the source commenced prior to October 7, 1974.

326 IAC 8 (Volatile Organic Compound Rules)
There are no other 326 IAC 8 rules that apply to this source.

326 IAC 13-3 (Control of gasoline Reid Vapor Pressure)
Pursuant to 326 IAC 13-3-1(a), this source is subject to the requirements of 326 IAC 13-3 because it is a gasoline terminal that may supply gasoline for use in nonattainment areas of Clark and Floyd Counties. Pursuant to this rule, all gasoline distributed to Clark or Floyd Counties between May 1 and September 15 of each year, must meet the federal requirements of Reformulated Gas (RFG) that complies with seven and eight-tenths (7.8) pounds per square inch low Reid Vapor Pressure (RVP) gasoline, federal reformulated gasoline, or ethanol blended low RVP gasoline. Transfer documents are required as specified in 326 IAC 13-3-4 (Record keeping requirements).

Compliance Determination and Monitoring Requirements

Permits issued under 326 IAC 2-7 are required to ensure that sources can demonstrate compliance with all applicable state and federal rules on a continuous basis. All state and federal

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

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

There is no change in monitoring condition.

Recommendation

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

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

An application for the purposes of this review was received on November 5, 2007.

Conclusion

The operation of this petroleum bulk stations and terminals source shall be subject to the conditions of the attached Part 70 Operating Permit Renewal No.: T071-25503-00034.

Appendix A: Emissions Calculations
Emission Summary
Source Name: HWRT Terminal Seymour
Source Location: 9780 North U.S. Highway 31, Seymour, Indiana 47274
Permit Number: T 071-25503-00034
Permit Reviewer: Rebecca Jacobs
Date: 26-Mar-2008

Uncontrolled Potential Emissions

	PM (tons/yr)	PM_{10} (tons/yr)	SO_2 (tons/yr)	VOC (tons/yr)	CO (tons/yr)	Nox (tons/yr)	Pb (tons/yr)	HAPs (tons/yr)
Emission Unit								
Tank 101	0	0	0	1.93	0	0	0	
Tank 102	0	0	0	1.38	0	0	0	
Tank 103	0	0	0	1.56	0	0	0	
Tank 104	0	0	0	1.14	0	0	0	
Tank 105	0	0	0	1.86	0	0	0	
Water Tank	0	0	0	0.222	0	0	0	
Slop Tank	0	0	0	0.198	0	0	0	
Add-1 Tank	0	0	0	0.278	0	0	0	
Add-2 Tank	0	0	0	0.107	0	0	0	Single HAP >9
Add-3 Tank	0	0	0	0.225	0	0	0	
Piping Fugitives	0	0	0	0.119	0	0	0	Combined HAPs > 24
Loading Rack F-2	0	0	0	2418	0	0	0	
Total Emissions	0.0	0.0	0	2427.019	0	0.0	0.00	Single HAP >10 Combined HAPs > 25

Appendix A: Emissions Calculations

Emission Summary

Source Name: HWRT Terminal Seymour
Source Location: 9780 North U.S. Highway 31, Seymour, Indiana 47274
Permit Number: T 071-25503-00034
Permit Reviewer: Rebecca Jacobs
Date: 26-Mar-2008

Limited Potential Emissions

	PM (tons/yr)	PM_{10} (tons/yr)	SO_2 (tons/yr)	VOC (tons/yr)	NOx (tons/yr)	CO (tons/yr)	Pb (tons/yr)	HAPs (tons/yr)
Emission Unit								
Tank 101	0	0	0	1.93	0	0	0	
Tank 102	0	0	0	1.38	0	0	0	
Tank 103	0	0	0	1.56	0	0	0	
Tank 104	0	0	0	1.14	0	0	0	
Tank 105	0	0	0	1.86	0	0	0	
Water Tank	0	0	0	0.222	0	0	0	
Slop Tank	0	0	0	0.198	0	0	0	
Add-1 Tank	0	0	0	0.278	0	0	0	
Add-2 Tank	0	0	0	0.107	0	0	0	Single HAP <9
Add-3 Tank	0	0	0	0.225	0	0	0	
Piping Fugitives	0	0	0	0.119	0	0	0	Combined HAPs < 24
Loading Rack F-2	0	0	0	208	0	0	0	
Total Emissions	0.0	0.0	0	217.019	0	0	0.00	Single HAP <10 Combined HAPs < 25

Appendix A: Emission Calculations
Tank Emission Calculations

Company Name: HWRT Terminal Seymour
Plant Location: 9780 North U.S. Highway 31, Seymour, Indiana 47274
Permit Number: T 071-25503-00034
Permit Reviewer: Rebecca Jacobs

Internal Floating Roof Storage Tanks

Tank ID	Product Stored	Seal Factor (Kr) (lb-mole/ft-yr)	Avg. Vapor Pressure (psia)	Pressure Factor (P*)	Diameter (D) (feet)	Vapor Mol. Weight (Mv) (lb/lb-mole)	Product Factor (Kc)	No. Columns (Nc)	Column Diameter (Fc) (feet)	Annual Throughput (Q) (bbl/1,000sf)	Shell Clingage Factor (C) (bbl/1000sf)	Liquid Density (Wl) (lb/gal)	Fitting Factor (Ff)	Seam Factor (Kd)	Rim Seal Loss (Lr) (lbs/yr)	Withdrawal Loss (Lwd) (lbs/yr)	Deck Fitting Loss (Lf) (lbs/yr)	Deck Seam Loss (Ld) (lbs/yr)	Total Loss (Lt) (lbs/yr)	Total Loss (tons/yr)
101	gasoline	6.7	5.04	0.10458	43	66	1	1	1	352709	0.0015	5.2	262.9	0	1989	61.7	1815	0.00	3865	1.93
102	gasoline	3	5.04	0.10458	42.5	66	1	1	1	385280	0.0015	5.2	262.9	0	880	68.2	1815	0.00	2763	1.38
103	gasoline	6.7	5.04	0.10458	33.5	66	1	1	1	77305	0.0015	5.2	224.04	0	1549	17.5	1546	0.00	3113	1.56
104	gasoline	3	5.04	0.10458	34	66	1	1	1	119190	0.0015	5.2	224.04	0	704	26.5	1546	0.00	2277	1.14
105	gasoline	6.7	5.04	0.10458	40	66	1	1	1	722838	0.0015	5.2	251.48	0	1850	136	1736	0.00	3722	1.86
														Total VOC:	**6972**	**310**	**8458**	**0.00**	**15740**	**7.87**

Fixed Roof Storage Tanks

Tank ID	Product Stored	Vapor Space Volume (Vv) (cf)	Vapor Density (Wv) (lb/cf)	Vapor Space Expansion Factor (Ke)	Vented Vapor Saturation Factor (Ks)	Vapor Mol. Weight (Mv) (lb/lb-mole)	Average Vapor Pressure (Pva) (psia)	Annual Throughpu (Q) (bbl/1,000sf)	Turnover Factor (Kn)	Working Loss Product Factor (Kp)	Breathing Loss (Ls) (lbs/yr)	Working Loss (Lw) (lbs/yr)	Total Loss (Lt) (lbs/yr)	Total Loss (Lt) (tons/yr)
water	condensate	715	0.0479	0.07030	0.249	66	4.00	857	1	1	219	226	445	0.222
slop	condensate	447	0.0479	0.07030	0.310	66	4.00	857	1	1	170	226	397	0.198
add-1	Lubrizol	1106	0.0617	0.07030	0.232	66	4.00	568	1	1	407	150	556	0.278
add-2	additive	407	0.0617	0.07030	0.247	66	4.00	212	1	1	159	56.0	215	0.107
add-3	additive	722	0.0617	0.07030	0.339	66	4.00	238	1	1	388	62.8	451	0.225
											Total VOC:	**721**	**2063**	**1.03**

HAP	Worst Case Weight % in gasoline vapor	Gasoline VOC Emissions (lbs/yr)	HAP Emissions from Gasoline (lbs/yr)	Worst Case HAP Emissions (tons/yr)
2,2,4Trimethylpentan	0.949%	15740	149	0.075
Benzene	0.621%	15740	98	0.049
Cumene	0.018%	15740	2.83	0.001
Ethyl benzene	0.067%	15740	10.5	0.005
n-Hexane	4.346%	15740	684	0.342
MTBE	1.983%	15740	312	0.156
Styrene	0.098%	15740	15.4	0.008
Toluene	0.848%	15740	133	0.067
Xylene	0.354%	15740	55.7	0.028
		Total HAPs:	**1461**	**0.731**

Methodology
Emissions calculated based on AP-42, Chapter 12
Internal Floating Roof Tanks
Lr = Kr x P* x D x Mv x Kc
Lwd = [(0.943 x Q x C x Wl)/D] x [1+(Nc x Fc/D)]
Lf = Ff x P* x Mv x Kc
Ld = Kd x Sd x D x D x P* x Mv x Kc (Kd=0 therefore Ld=1)
Lt = Lr + Lwd + Lf + Ld
Fixed Roof Tanks
Ls = 365 x Vv x Wv x Ke x Ks
Lw = 0.0010 x Mv x Pva x Q x Kn x Kp
Lt = Ls + Lw
All variables were calculated based on AP-42 and the data supplied by the applicant

Appendix A: Emission Calculations
Piping Fugitives and Loading Rack Emission Calculations

Company Name: HWRT Terminal Seymour
Plant Location: 9780 North U.S. Highway 31, Seymour, Indiana 47274
Permit Number: T 071-25503-00034
Permit Reviewer: Rebecca Jacobs

Piping Fugitives (F-1)

Fugitive Source	Emission Factor (lbs/hr)	Number Leaking	Fugitive Emissions (lbs/hr)	Fugitive Emissions (tons/yr)
Valves (gas)	0.0000287	0	0.000	0.000
Valves (liquid)	0.0000948	94	0.009	0.039
Flanges (liquid)	0.0000176	314	0.006	0.024
Pump Seals	0.0011880	10	0.012	0.052
Other	0.0000265	28	0.001	0.003
		Total VOC:	**0.027**	**0.119**

Loading Rack (F-2)

	Gasoline				**Diesel**				
Fugitive Source	Emission Factor (lbs/1000gal)	Annual Throughput (gallons)	VOC Emissions (lbs/yr)	VOC Emissions (tons/yr)	Emission Factor (lbs/1000gal)	Annual Throughput (gallons)	VOC Emissions (lbs/yr)	VOC Emissions (tons/yr)	**Total Emissions (tons/yr)**
Loading Rack*	5.0	967261680	4836308	2418	0.014	967261680	13542	6.77	**2418**
Loading Rack**	5.0	83000000	415000	208	0.014	40000000	560	0.28	**208**

*= potential throughput is 967,261,680 gallons per year. This potential is shown for Gasoline and Diesel to illustrate that Gasoline is the worst case product stored.
**= limited throughput

Maximum possible VOC emissions from diesel only, with limited throughput of 123,000,000 gallons per ye 1722 lbs/yr

Potential HAP Emissions

HAP	Worst Case Weight % in gasoline vapor	Gasoline VOC Emissions (lbs/yr)	HAP Emissions from Gasoline (lbs/yr)	Worst Case Weight % in diesel vapor	Diesel VOC Emissions (lbs/yr)	HAP Emissions from Diesel Oil (lbs/yr)		Worst Case HAP Emissions (lbs/yr)	Worst Case HAP Emissions (tons/yr)
2,2,4- Trimethylper	0.949%	4836545	45899	1.278%	13542	173		45899	22.9
Benzene	0.621%	4836545	30035	0.136%	13542	18.4		30035	15.0
Biphenol	0.000%	4836545	0.00	0.001%	13542	0.135		0.135	0.00007
Cresols	0.000%	4836545	0.00	0.008%	13542	1.08		1.08	0.001
Cumene	0.018%	4836545	871	1.832%	13542	248		871	0.435
Ethyl benzene	0.067%	4836545	3240	0.231%	13542	31.3		3240	1.62
n-Hexane	4.346%	4836545	210196	0.027%	13542	3.66		210196	105
MTBE	1.983%	4836545	95909	0.000%	13542	0.00		95909	48.0
Napthalene	0.000%	4836545	0.00	0.314%	13542	42.5		42.5	0.021
Phenol	0.000%	4836545	0.00	0.041%	13542	5.55		5.55	0.003
Styrene	0.098%	4836545	4740	0.384%	13542	52.0		4740	2.37
Toluene	0.848%	4836545	41014	1.628%	13542	220		41014	20.5
Xylene	0.354%	4836545	17121	6.097%	13542	826		17121	8.56
			449025			**1622**	**Total HAPs:**	**449025**	**225**

Limited HAP emissions when using maximum gasoline, and maximum total of gasoline and diesel oil

HAP	Worst Case Weight % in gasoline vapor	Gasoline VOC Emissions (lbs/yr)	HAP Emissions from Gasoline (lbs/yr)	Worst Case Weight % in diesel vapor	Diesel VOC Emissions (lbs/yr)	HAP Emissions from Diesel Oil (lbs/yr)	Total HAP Emissions (lbs/yr)	Total HAP Emissions (tons/yr)
2,2,4- Trimethylper	0.949%	415237	3941	1.278%	560	7.16	3948	1.97
Benzene	0.621%	415237	2579	0.136%	560	0.762	2579	1.29
Biphenol	0.000%	415237	0.00	0.001%	560	0.006	0.01	0.000003
Cresols	0.000%	415237	0.00	0.008%	560	0.045	0.04	0.00002
Cumene	0.018%	415237	74.7	1.832%	560	10.26	85.0	0.043
Ethyl benzene	0.067%	415237	278	0.231%	560	1.29	280	0.140
n-Hexane	4.346%	415237	18046	0.027%	560	0.151	18046	9.02
MTBE	1.983%	415237	8234	0.000%	560	0.00	8234	4.12
Napthalene	0.000%	415237	0.00	0.314%	560	1.76	1.76	0.001
Phenol	0.000%	415237	0.00	0.041%	560	0.23	0.23	0.0001
Styrene	0.098%	415237	407	0.384%	560	2.15	409	0.205
Toluene	0.848%	415237	3521	1.628%	560	9.12	3530	1.77
Xylene	0.354%	415237	1470	6.097%	560	34.1	1504	0.75
		Total HAPs:	**38551**			**67.1**	**38618**	**19.3**

Maximum potential HAP emissions when using all diesel fuel, only

HAP	Worst Case Weight % in diesel vapor	Diesel VOC Emissions (lbs/yr)	Total HAP Emissions (lbs/yr)	Total HAP Emissions (tons/yr)
2,2,4- Trimethylper	1.278%	1722	22.0	0.011
Benzene	0.136%	1722	2.34	0.001
Biphenol	0.001%	1722	0.017	0.000
Cresols	0.008%	1722	0.138	0.000
Cumene	1.832%	1722	31.5	0.016
Ethyl benzene	0.231%	1722	3.98	0.002
n-Hexane	0.027%	1722	0.465	0.000
MTBE	0.000%	1722	0.00	0.000
Napthalene	0.314%	1722	5.41	0.003
Phenol	0.041%	1722	0.706	0.000
Styrene	0.384%	1722	6.61	0.003
Toluene	1.628%	1722	28.0	0.014
Xylene	6.097%	1722	105	0.052
			206.2	**0.103**

Methodology
VOC emission factors from AP-42, Chapter 5
HAP emission factors are the worst case percent HAPs provided by the applicant