INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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Mitchell E. Daniels, Jr.
Governor

Thomas W. Easterly
Commissioner

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

TO: Interested Parties / Applicant

DATE: January 30, 2006

RE: Countrymark Cooperative / 103-21819-00011

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

Notice of Decision – Approval

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to 326 IAC 2, this approval was effective immediately upon submittal of the application.

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204, **within eighteen (18) calendar days from the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

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

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

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

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures
FNPER-AM.dot 1/10/05

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Mr. David Hertzing
Countrymark Cooperative, LLP
1200 Refinery Road
Mount Vernon, Indiana 47620

January 30, 2006

Re: 103-21819-00011
First Administrative Amendment to
Part 70 No.: T103- 16573-00011

Dear Mr. Hertzing:

Countrymark Cooperative, LLP, 1765 West Logansport Road, Peru, Indiana was issued a Part 70 permit on May 27, 2003 for the operation of a bulk storage and wholesale distribution of petroleum source. A letter requesting changes to this permit was received on September 19, 2005. These changes are being made pursuant to 326 IAC 2-7-11. The requested changes and the reason for these changes are as follows (deleted language appears as ~~strikeouts~~, new language appears in **bold**):

(1) Change of zip code;

from Countrymark Cooperative, LLP, 1765 West Logansport Road, Peru, Indiana ~~46959~~ to **46970**

(2) Delete the following condition;

D.1.7 HAPs [326 IAC 8-1-4(a)(3)] [326 IAC 8-1-2(a)]
Compliance with the HAP usage limitations contained in Condition D.1.3 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) by preparing or obtaining from the manufacturer the copies of the "as supplied" and "as applied" HAP data sheets. IDEM, OAQ, reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4

Reason:

326 IAC 8-1-2(a) General provisions relating to VOC rules (Compliance Methods) and 326 IAC 8-1-4(a)(3) General provisions relating to VOC rules (Testing Procedures) are compliance and test procedures for determination of VOC emissions from applied coatings. Condition D.1.3 (Hazardous Air Pollutants (HAPs) [40 CFR Part 63.1500 (Subpart R)] limits the total allowable HAPs from gasoline at the source. Condition D.1.7 HAPs [326 IAC 8-1-2(a)] and [326 IAC 8-1-4(a)] is not applicable to the source and shall be removed.

D.1.8 through D.1.17 will be re-numbered D.1.7 through D.1.16.

(3) Change the following:

D.1.1~~3~~ **2** Flame Detection and Flare Operation

To document compliance with Condition D.1.8, the Permittee shall perform daily checks of the key operating parameters, including flame presence **and** temperature~~s~~ at **the** ~~flare inlet, outlet and~~ combustion zone ~~and exit gas velocity.~~

Reason: Temperatures at the flare inlet, outlet and exit gas velocity are not representative of proper combustion in the flare vapor control unit. The combustion zone height will vary with the vapor volume coming from the loading rack. A temperature sensor at a fixed height will not always be representative of the "flare outlet". A temperature reading at the top of the tube will not indicate whether proper combustion is occurring since by that time the exhaust gases will have cooled. A thermocouple is located at the top of the tube as a safety device to shut down the combustor (and loading rack) if the thermocouple senses too high of a temperature. The operating system's key parameter is the temperature indicated by a temperature sensor not far from the bottom of the tube in the combustion zone, and this temperature and the flame presence will be checked daily. The operating system will go into alarm mode and the loading rack cannot operate any time the combustion zone temperature is not above the programmed temperature setting.

Enclosed flares do not rely on high gas velocities to provide good air and vapor mixing. Ambient wind conditions do not influence operation since the combustion is taking place in the bottom four or five feet of a thirty-five foot tall tube. A daily check for the presence of the flame and the temperature in the combustion zone will provide verification that the control device is operating.

All other conditions of the permit shall remain unchanged and in effect.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Walter Habeeb at (800) 451-6027, press 0 and ask for Walter Habeeb or extension 2-8422, or dial (317) 232-8422

Sincerely,

Original Signed By:
Nisha Sizemore, Section Chief
Permits Branch
Office of Air Quality

Attachments
WVH
cc: File - Miami County
U.S. EPA, Region V
Air Compliance Section Inspector – Dave Rice

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Governor

THOMAS W. EASTERLY
Commissioner

PART 70 OPERATING PERMIT RENEWAL
OFFICE OF AIR QUALITY

Countrymark Cooperative, LLP
1765 West Logansport Road
Peru, Indiana 46959

(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.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T 103-16573-00011	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Quality	Issuance Date: May 27, 2003 Expiration Date: May 27, 2008

First Significant Source Modification No.: 103-17685-00011, issued August 20, 2003

First Administrative Amendment No.: 103-21819-00011	Pages Affected: 10 through 16
Issued by: Original Signed By: Nisha Sizemore, Section Chief Office of Air Quality	Issuance Date: January 30, 2006 Expiration Date: May 27, 2008

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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 bulk storage and wholesale distribution of petroleum products source.

Responsible Official:	Vice President
Source Address:	U.S. 24 West, Peru, Indiana 46970
Mailing Address:	1200 Refinery Road, Mt. Vernon, IN 47620
General Source Phone:	812 - 838 - 8543
SIC Code:	5171
County Location:	Miami
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Permit Program Major Source, under PSD Rules; Minor Source, Section 112 of the Clean Air Act 1 of 28 Source Categories

SECTION D.1 FACILITY OPERATION CONDITIONS

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

(a) Two (2) storage tanks, identified as Tanks 90 and 92, installed in 1953, capacity: 993,500 gallons of gasoline or distillates, each.

(b) One (1) storage tank, identified as Tank 91, installed in 1953, vented to Tank 94, capacity: 414,300 of gasoline or distillates.

(c) One (1) storage tank, identified as Tank 93, installed in 1953, capacity: 2,235,400 gallons of gasoline or distillates.

(d) One (1) storage tank, identified as Tank 94, installed in 1953, capacity: 2,290,000 gallons of gasoline or distillates.

(e) One (1) storage tank, identified as Tank 95, installed in 1956, capacity: 2,187,800 gallons of gasoline or distillates.

(f) One (1) storage tank, identified as Tank 96, installed in 1958, capacity: 2,231,300 gallons of gasoline or distillates.

(g) Two (2) storage tanks, identified as Tanks 97E and 97W, installed in 1979, capacity: 19,400 gallons of gasoline or distillates, each.

(h) One (1) storage tank, identified as Tank 98, installed in 1988, capacity: 8,200 gallons of gasoline or distillates.

(i) One (1) storage tank, identified as Sump Tank, installed in 1953, capacity: 1,000 gallons of gasoline mixture.

(j) One (1) submerged gasoline and distillate truck loading rack, identified as loading rack, installed in 2003, equipped with a relief stack, known as P3, a vapor knockout box, and a flare vapor control unit, exhausting through Stack P2, capacity: 46,200 gallons of gasoline or petroleum distillates per hour.

(k) Fugitives from pump seals, valves and flanges.

(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 General Provisions Relating to NSPS [326 IAC 12-1] [40 CFR 60, Subpart A]

The provisions of 40 CFR 60 Subpart A - General Provisions, which are incorporated as 326 IAC 12-1, apply to the truck loading rack described in this section except when otherwise specified in 40 CFR Part 60.500, Subpart XX.

D.1.2 Standard for Volatile Organic Compound (VOC) Emissions From Bulk Gasoline Terminals, Subpart XX [40 CFR 60.502] [326 IAC 12-1]

On and after the date on which 40 CFR 60.8(a) requires a performance test to be completed, the Permittee of each bulk gasoline terminal containing an affected facility shall comply with the following requirements:

(a) Each affected facility shall be equipped with a vapor collection system designed to collect the total organic compounds vapors displaced from tank trucks during product loading.

(b) The emissions to the atmosphere from the vapor collection system due to the loading of liquid product into gasoline tank trucks are not to exceed 35 milligrams of total organic compounds per liter of gasoline loaded.

(c) Each vapor collection system shall be designed to prevent any total organic compounds vapors collected at one loading rack from passing to another loading rack.

(d) Loadings of liquid product into gasoline tank trucks shall be limited to vapor-tight gasoline tank trucks using the following procedures:

(1) The Permittee shall obtain the vapor tightness documentation described in 40 CFR 60.505(b) for each gasoline tank truck which is to be loaded at the affected facility.

(2) The Permittee shall require the tank identification number to be recorded as each gasoline tank truck is loaded at the affected facility.

(3) The Permittee shall cross-check each tank identification number obtained in paragraph (d)(2) with the file of tank vapor tightness documentation within 2 weeks after the corresponding tank is loaded, unless either of the following conditions is maintained:

(A) If less than an average of one gasoline tank truck per month over the last twenty-six (26) weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed each quarter; or

(B) If less than an average of one gasoline tank truck per month over the last fifty-two (52) weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed semiannually.

If either the quarterly or semiannual cross-check provided in paragraphs (d)(3) (A) and (B) reveals that these conditions were not maintained, the source must return to biweekly monitoring until such time as these conditions are again met.

(4) The terminal Permittee shall notify the Permittee of each non-vapor-tight gasoline tank truck loaded at the affected facility within 1 week of the documentation cross-check in paragraph (d)(3) of this section.

(5) The terminal Permittee shall take steps assuring that the nonvapor-tight gasoline tank truck will not be reloaded at the affected facility until vapor tightness documentation for that tank is obtained.

(6) Alternate procedures to those described in paragraphs (d)(1) through (5) for limiting gasoline tank truck loadings may be used upon application to, and approval by, the Administrator.

(e) The Permittee shall act to assure that loadings of gasoline tank trucks at the affected facility are made only into tanks equipped with vapor collection equipment that is compatible with the terminal's vapor collection system.

(f) The Permittee shall act to assure that the terminal's and the tank truck's vapor collection systems are connected during each loading of a gasoline tank truck at the affected facility. Examples of actions to accomplish this include training drivers in the hookup procedures

and posting visible reminder signs at the affected loading racks.

(g) The vapor collection and liquid loading equipment shall be designed and operated to prevent gauge pressure in the delivery tank from exceeding 4,500 pascals (450 mm of water) during product loading. This level is not to be exceeded when measured by the procedures specified in 40 CFR 60.503(d).

(h) No pressure-vacuum vent in the bulk gasoline terminal's vapor collection system shall begin to open at a system pressure less than 4,500 pascals (450 mm of water).

(i) Each calendar month, the vapor collection system, the vapor processing system, and each loading rack handling gasoline shall be inspected during the loading of gasoline tank trucks for total organic compounds liquid or vapor leaks. For purposes of this paragraph, detection methods incorporating sight, sound, or smell are acceptable. Each detection of a leak shall be recorded and the source of the leak repaired within fifteen (15) calendar days after it is detected.

D.1.3 Hazardous Air Pollutants (HAPs) [40 CFR Part 63.1500 (Subpart R)]

The hazardous air pollutants emitted from the entire source shall be limited as follows to render the requirements of 40 CFR Part 63 Subpart R [National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)] not applicable.

The input of gasoline or equivalent gasoline to the entire source shall be limited to 117,927,120 gallons per twelve (12) consecutive month period with compliance determined at the end of each month. The following shall be used to determine the input of gasoline or its equivalent:

(a) One (1) gallon of gasoline is equivalent to 0.0085 gallons of gasoline delivered to the loading rack.

(b) One (1) gallon of gasoline throughput to Tank 92 is equivalent to one (1.0) gallon of gasoline.

(c) One (1) gallon of gasoline throughput to Tanks 91 and/or 94 is equivalent to 0.9583 gallons of gasoline.

This input of gasoline or equivalent gasoline limitation limits the potential to emit combination of all HAPs to twenty-four (24.1) tons per year and limits the worst case single HAP to 6.68 tons per year. Compliance with this limit renders the NESHAP, 40 CFR Part 63 Subpart R, not applicable to this source.

D.1.4 Volatile Organic Compounds (VOC) [326 IAC 8-4-4]

Pursuant to 326 IAC 8-4-4 (Bulk gasoline terminals):

(a) No owner or operator of a bulk gasoline terminal shall permit the loading of gasoline into any transport, excluding railroad tank cars, or barges, unless:

(1) The bulk gasoline terminal is equipped with a vapor control system, in good working order, in operation and consisting of one of the following:

(A) An adsorber or condensation system which processes and recovers vapors and gases from the equipment being controlled, releasing no more than 80 milligrams per liter of VOC to the atmosphere.

(B) A vapor collection system which directs all vapors to a fuel gas system or incinerator.

(C) An approved control system, demonstrated to have control efficiency equivalent to or greater than clause (A) above.

(2) Displaced vapors and gases are vented only to the vapor control system.

(3) A means is provided to prevent liquid drainage from the loading device when it is not in use or to accomplish complete drainage before the loading device is disconnected.

(4) All loading and vapor lines are equipped with fittings which make vapor-tight connections and which will be closed upon disconnection.

(b) If employees of the owner of the bulk gasoline terminal are not present during loading, it shall be the responsibility of the owner of the transport to make certain the vapor control system is attached to the transport. The owner of the terminal shall take all reasonable steps to insure that owners of transports loading at the terminal during unsupervised times comply with this section.

D.1.5 Volatile Organic Compounds (VOC) [326 IAC 8-4-9]

Pursuant to 326 IAC 8-4-9 (Leaks from transports and vapor collection systems, records) the source will operate a vapor control system. The requirements are as follows:

(a) This section is applicable to the following:

(1) All vapor balance systems and vapor control systems at sources subject to sections 4 through 6 of this rule.

(2) All gasoline transports subject to section 7 of this rule.

(b) No person shall allow a gasoline transport that is subject to this rule and that has a capacity of two thousand (2,000) gallons or more to be filled or emptied unless the gasoline transport completes the following:

(1) Annual leak detection testing before the end of the twelfth calendar month following the previous year's test, according to test procedures--- contained in 40 CFR 63.425(e), as follows:

(A) Conduct the pressure and vacuum tests for the transport's cargo tank using a time period of five (5) minutes. The initial pressure for the pressure test shall be four hundred sixty (460) millimeters H_2O (eighteen (18) inches H_2O) gauge. The initial vacuum for the vacuum test shall be one hundred fifty (150) millimeters H_2O (six (6) inches H_2O) gauge. The maximum allowable pressure or vacuum change is twenty-five (25) millimeters H_2O (one (1) inch H_2O) in five (5) minutes.

(B) Conduct the pressure test of the cargo tank's internal vapor valve as follows:

(i) After completing the test under clause (A), use the procedures in 40 CFR 60, Appendix A, Method 27 to repressurize the tank to four hundred sixty (460) millimeters H_2O (eighteen (18) inches H_2O) gauge. Close the transport's internal vapor valve or valves, thereby isolating the vapor return line and manifold from the tank.

(ii) Relieve the pressure in the vapor return line to atmospheric pressure, then reseal the line. After five (5) minutes, record the gauge pressure in the vapor return line and manifold. The maximum

allowable five (5) minute pressure increase is one hundred thirty (130) millimeters H_2O (five (5) inches H_2O).

(2) Repairs by the gasoline transport owner or operator, if the transport does not meet the criteria of subdivision (1), and retesting to prove compliance with the criteria of subdivision (1).

(c) The annual test data remain valid until the end of the twelfth calendar month following the test. The owner of the gasoline transport shall be responsible for compliance with subsection (b) and shall provide the owner of the loading facility with the most recent valid modified 40 CFR 60, Appendix A, Method 27* test results upon request. The owner of the loading facility shall take all reasonable steps, including reviewing the test date and tester's signature, to ensure that gasoline transports loading at its facility comply with subsection (b).

(d) The owner or operator of a vapor balance system or vapor control system subject to this rule shall:

(1) design and operate the applicable system and the gasoline loading equipment in a manner that prevents:

(A) gauge pressure from exceeding four thousand five hundred (4,500) pascals (eighteen (18) inches of H_2O) and a vacuum from exceeding one thousand five hundred (1,500) pascals (six (6) inches of H_2O) in the gasoline transport;

(B) except for sources subject to 40 CFR 60.503(b) (NESHAP/MACT) or 40 CFR 63. 425(a) (New Source Performance Standards) requirements, a reading equal to or greater than twenty-one thousand (21,000) parts per million as propane, from all points on the perimeter of a potential leak source when measured by the method referenced in--- 40 CFR 60, Appendix A, Method 21, or an equivalent procedure approved by the commissioner during loading or unloading operations at gasoline dispensing facilities, bulk plants, and bulk terminals; and

(C) avoidable visible liquid leaks during loading or unloading operations at gasoline dispensing facilities, bulk plants, and bulk terminals; and

(2) within fifteen (15) days, repair and retest a vapor balance, collection, or control system that exceeds the limits in subdivision (1).

(e) The department may, at any time, monitor a gasoline transport, vapor balance, or vapor control system to confirm continuing compliance with subsection (b) or (c).

(f) The owner or operator of a vapor balance or vapor control system subject to this section shall maintain records of all certification testing. The records shall identify the following:

(1) The vapor balance, vapor collection, or vapor control system.

(2) The date of the test and, if applicable, retest.

(3) The results of the test and, if applicable, retest.

The records shall be maintained in a legible, readily available condition for at least two (2) years after the date the testing and, if applicable, retesting were completed.

(g) The owner or operator of a gasoline transport subject to this section shall keep a legible copy of the transport's most recent valid annual modified 40 CFR 60, Appendix A, Method 27 test either in the cab of the transport or affixed to the transport trailer. The test record shall identify the following:

(1) The gasoline transport.

(2) The type and date of the test and, if applicable, date of retest.

(3) The test methods, test data, and results certified as true, accurate, and in compliance with this rule by the person who performs the test.

This copy shall be made available immediately upon request to the department and to the owner of the loading facility for inspection and review. The department shall be allowed to make copies of the test results.

(h) If the commissioner allows alternative test procedures in subsection (b)(1) or (d)(1)(B), such method shall be submitted to the U.S. EPA as a SIP revision.

(i) During compliance tests conducted under 326 IAC 3-6 (stack testing), each vapor balance or control system shall be tested applying the standards described in subsection (d)(1)(B). Testers shall use 40 CFR 60, Appendix A, Method 21 to determine if there are any leaks from the hatches and the flanges of the gasoline transports. If any leak is detected, the transport cannot be used for the capacity of the compliance test of the bulk gas terminal. The threshold for leaks shall be as follows:

(1) Five hundred (500) parts per million methane for all bulk gas terminals subject to NESHAP/MACT (40 CFR 63, Subpart R).

(2) Ten thousand (10,000) parts per million methane for all bulk gas terminals subject to a New Source Performance Standard.

D.1.6 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 and its control device.

Compliance Determination Requirements

D.1.7 VOC and HAPs

In order to comply with Conditions D.1.2 and D.1.3, the flare vapor control unit for VOC and HAPs control shall be in operation and control emissions from the truck loading rack at all times when the truck loading rack is in operation.

D.1.8 Testing Requirements [326 IAC 2-7-6(1)] [326 IAC 2-1.1-11]

Within 60 days after achieving maximum production rate, but no later than 180 days after initial start-up after issuance of this permit, in order to demonstrate compliance with NSPS Subpart XX, the Permittee shall perform testing utilizing the methods and procedures specified in Condition D.1.10. This test shall be repeated at least once every five (5) years from the date of this valid compliance demonstration.

D.1.9 Test Methods and Procedures, Subpart XX [40 CFR 60.503] [326 IAC 12-1]

(a) In conducting the performance tests required in 40 CFR 60.8, the Permittee shall use as reference methods and procedures the test methods in appendix A of this part or other methods and procedures as specified in this section, except as provided in 40 CFR 60.8(b). The three-run requirement of 40 CFR 60.8(f) does not apply to this subpart.

(b) Immediately before the performance test required to determine compliance with 40 CFR 60.502 (b), (c), and (h), the Permittee shall use Method 21 to monitor for leakage of vapor all potential sources in the terminal's vapor collection system equipment while a gasoline tank truck is being loaded. The Permittee shall repair all leaks with readings of 10,000 ppm (as methane) or greater before conducting the performance test.

(c) The Permittee shall determine compliance with the standards in 40 CFR 60.502 (b) and (c) as follows:

(1) The performance test shall be six (6) hours long during which at least 300,000 liters of gasoline is loaded. If this is not possible, the test may be continued the same day until 300,000 liters of gasoline is loaded or the test may be resumed the next day with another complete six (6)-hour period. In the latter case, the 300,000-liter criterion need not be met. However, as much as possible, testing should be conducted during the six (6)-hour period in which the highest throughput normally occurs.

(2) If the vapor processing system is intermittent in operation, the performance test shall begin at a reference vapor holder level and shall end at the same reference point. The test shall include at least two startups and shutdowns of the vapor processor. If this does not occur under automatically controlled operations, the system shall be manually controlled.

(3) The emission rate (E) of total organic compounds shall be computed using the following equation:

$$E = K\sum_{i=1}^{n} \frac{V_{esi} \cdot C_{ei}}{L \cdot 10^{6}}$$

where: E = emission rate of total organic compounds, mg/liter of gasoline loaded.

V_{esi} = volume of air-vapor mixture exhausted at each interval “i”, scm.

C_{ei} = concentration of total organic compounds at each interval “i”, ppm.

L = total volume of gasoline loaded, liters.

n = number of testing intervals.

i = emission testing interval of five (5) minutes.

K = density of calibration gas, 1.83×10^{6} for propane and 2.41×10^{6} for butane, mg/scm.

(4) The performance test shall be conducted in intervals of five (5) minutes. For each interval ``i'', readings from each measurement shall be recorded, and the volume exhausted (V_{esi}) and the corresponding average total organic compounds concentration (C_{ei}) shall be determined. The sampling system response time shall be considered in determining the average total organic compounds concentration corresponding to the volume exhausted.

(5) The following methods shall be used to determine the volume (V_{esi}) air-vapor mixture

exhausted at each interval:

(A) Method 2B shall be used for combustion vapor processing systems.

(B) Method 2A shall be used for all other vapor processing systems.

(6) Method 25A or 25B shall be used for determining the total organic compounds concentration (C_{ei}) at each interval. The calibration gas shall be either propane or butane. The Permittee may exclude the methane and ethane content in the exhaust vent by any method (e.g., Method 18) approved by the Administrator.

(7) To determine the volume (L) of gasoline dispensed during the performance test period at all loading racks whose vapor emissions are controlled by the processing system being tested, terminal records or readings from gasoline dispensing meters at each loading rack shall be used.

(d) The Permittee shall determine compliance with the standard in 40 CFR 60.502(h) as follows:

(1) A pressure measurement device (liquid manometer, magnehelic gauge, or equivalent instrument), capable of measuring up to 500 mm of water gauge pressure with ± 2.5 mm of water precision, shall be calibrated and installed on the terminal's vapor collection system at a pressure tap located as close as possible to the connection with the gasoline tank truck.

(2) During the performance test, the pressure shall be recorded every five (5) minutes while a gasoline truck is being loaded; the highest instantaneous pressure that occurs during each loading shall also be recorded. Every loading position must be tested at least once during the performance test.

D.1.10 Monitoring

(a) Measure the monthly flow rate of gasoline and petroleum distillate to the loading rack and storage tanks.

(b) Calibrate the flow meters on the loading rack at least once per quarter. The instrument used for determining the flow rate shall comply with Section C - Pressure Gauge and Other Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ.

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

D.1.11 Broken or Failed Flow Gauge Detection

In the event that a flow meter failure has been observed, the affected compartments of the loading rack associated with that flow meter will be shut down immediately until the failed flow meter has been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the emergency provisions of this permit (Section B- Emergency Provisions). Within eight (8) business hours of the determination of failure, response steps according to the timetable described in the Compliance Response Plan shall be initiated. For any failure with corresponding response steps and timetable not described in the Compliance Response Plan, response steps shall be devised within eight (8) business hours of discovery of the failure and shall include a timetable for completion. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a violation of this permit.

D.1.12 Flame Detection and Flare Operation

To document compliance with Condition D.1.7, the Permittee shall perform daily checks of the key operating parameters, including flame presence and temperatures at the combustion zone.

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

D.1.13 Record Keeping Requirements

(a) To document compliance with Condition D.1.3 the Permittee shall maintain records at the source of the materials used that contain any HAPs. The records shall be complete and sufficient to establish compliance with the HAP usage limits and/or HAP emission limits established in Condition D.1.3 The records shall contain a minimum of the following:

(1) The amount and type of fuel delivered to the loading rack, monthly

(2) The amount and type of fuel throughput to Storage Tanks,. identified as Tanks 91, 92 and 94, monthly

(3) The HAP/VOC ratio of each fuel received;

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

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

(b) To document compliance with Condition D.1.10, the Permittee shall maintain a log of the:

(1) Monthly flow rate of gasoline and petroleum distillate to the loading rack and storage tanks, and

(2) Calibrations of the flow meters on the loading rack at least once per quarter.

(c) 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 of less per gallon or is ethanol blended or is certified as RFG.

(d) To document compliance with Condition D.1.12, the Permittee shall maintain records of the daily check of the key flare operating parameters required under Condition D.1.12.

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

D.1.14 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.1.3 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the 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).

D.1.15 NSPS Reporting Requirement [326 IAC 12-1] [Subpart XX, 40 CFR 60.500]

Pursuant to the New Source Performance Standards (NSPS), 40 CFR Part 60.500, Subpart XX, the source owner/operator is hereby advised of the requirement to report the following at the appropriate times:

(a) Commencement of construction date (no later than 30 days after such date);

(b) Actual start-up date (within 15 days after such date); and

(c) Date of performance testing (at least 30 days prior to such date), when required by a condition elsewhere in this permit.

Reports are to be sent to:

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

The application and enforcement of these standards have been delegated to the IDEM OAQ. The requirements of 40 CFR Part 60 are also federally enforceable.

D.1.16 Reporting and Record Keeping [Subpart XX, 40 CFR 60.505] [326 IAC 12-1]

(a) The tank truck vapor tightness documentation required under 40 CFR 60.502(e)(1) shall be kept on file at the terminal in a permanent form available for inspection.

(b) The documentation file for each gasoline tank truck shall be updated at least once per year to reflect current test results as determined by Method 27. This documentation shall include, as a minimum, the following information:

(1) Test title: Gasoline Delivery Tank Pressure Test--EPA Reference Method 27.

(2) Tank owner and address.

(3) Tank identification number.

(4) Testing location.

(5) Date of test.

(6) Tester name and signature.

(7) Witnessing inspector, if any: Name, signature, and affiliation.

(8) Test results: Actual pressure change in 5 minutes, mm of water (average for two (2) runs).

(c) A record of each monthly leak inspection required under 40 CFR 60.502(j) shall be kept on file at the terminal for at least two (2) years. Inspection records shall include, as a minimum, the following information:

(1) Date of inspection.

(2) Findings (may indicate no leaks discovered; or location, nature, and severity of each leak).

(3) Leak determination method.

(4) Corrective action (date each leak repaired; reasons for any repair interval in excess of fifteen (15) days).

(5) Inspector name and signature.

(d) The terminal Permittee shall keep documentation of all notifications required under 40 CFR 60.502(e)(4) on file at the terminal for at least two (2) years.

(e) The Permittee of an affected facility shall keep records of all replacements or additions of components performed on an existing vapor processing system for at least three (3) years.

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

Part 70 Quarterly Report

Source Name: Countrymark Cooperative, LLP
Source Address: 1765 West Logansport Road, Peru, Indiana 46970
Mailing Address: 1200 Refinery Road, Mt. Vernon, Indiana 47620
Part 70 Permit No.: T 103-16573-00011
Facilities: Submerged Loading Rack and Storage Tanks 91, 92 and 94
Parameter: Gasoline Throughput
Limit: 117,927,120 gallons per twelve (12) consecutive month period with compliance determined at the end of each month, where one (1) gallon of gasoline is equivalent to 0.0085 gallons of gasoline to the loading rack, one (1) gallon of gasoline throughput to Tank 92 is equivalent to 1.0 gallon of gasoline and one (1) gallon of gasoline throughput to Tanks 91 and/or 94 is equivalent to 0.9583 gallons of gasoline. This gasoline or equivalent throughput limit is equivalent to a combination of all HAPs of twenty-four (24.1) tons per year and a worst case single HAP of 6.68 tons per year.

YEAR: _____

Month	Equivalent Gallons of Gasoline	Equivalent Gallons of Gasoline	Equivalent Gallons of Gasoline
	This Month	Previous 11 Months	12 Month Total

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.