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: October 28, 2011

RE: Enterprise Refined Products Company, LLC / 063-30975-00035

FROM: Matthew Stuckey, Branch 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, Suite N 501E, 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.dot12/3/07

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Christopher Benton
Enterprise Refined Products Company LLC
PO Box 4324
Houston, Texas 77210-4324

October 28, 2011

Re: 063-30975-00035
Second Registration Notice-Only Change to
R063-7788-00035

Dear Mr. Benton:

Enterprise Refined Products Company LLC was issued a Registration No. R063-7788-00035 on April 1, 2003 for a stationary petroleum products storage terminal located at 10731 East CR 300 North, Clermont, Indiana 46234. On September 27, 2011, the Office of Air Quality (OAQ) received an application from the source relating to the roof landing emissions of several floating roof storage tanks containing gasoline and other petroleum products. The potential to emit after the addition of the roof landing emissions is less than twenty-five (25) tons per year of VOC. The addition of these units to the registration is considered a notice-only change, since the potential emissions of regulated criteria pollutants and hazardous air pollutants are less than the ranges specified in 326 IAC 2-5.5-6(d)(10) and 326 IAC 2-5.5-6(d)(12), respectively. The uncontrolled/unlimited potential to emit of the entire source will continue to be within the threshold levels specified in 326 IAC 2-5.5-1(b)(1). No new state rules are applicable to this source. There are no New Source Performance Standards (NSPS) (326 IAC 12 and 40 CFR Part 60) or National Emission standards for Hazardous Air Pollutants (NESHAPs) (326 IAC 14, 20 and 40 CFR Part 61, 63) included in this notice-only change.

	Potential To Emit of the Entire Source Prior to Revision (tons/year)									
Process/ Emission Unit	PM	PM10	PM2.5	SO_2	NOx	VOC	CO	GHGs as CO_2e**	Total HAPs	Worst Single HAP
Entire Source	0.00	0.00	0.00	0.00	0.00	14.11	0.00	0.00	1.72	0.66 (Toluene)
Fugitive Emissions	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.03	0.11 (Toluene)
Total PTE of Entire Source	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**14.28**	**0.00**	**0.00**	**1.75**	**0.66 (Toluene)**
Exemptions Levels**	5	5	5	10	10	10	25	100,000	25	10
Registration Levels**	25	25	25	25	25	25	100	100,000	25	10

*Under the Part 70 Permit program (40 CFR 70), particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM10), not particulate matter (PM), is considered as a "regulated air pollutant".
**The 100,000 CO_2e threshold represents the Title V and PSD subject to regulation thresholds for GHGs in order to determine whether a source's emissions are a regulated NSR pollutant under Title V and PSD.

Process/ Emission Unit	PTE of Proposed Revision (tons/year)									
	PM	PM10	PM2.5	SO_2	NOx	VOC	CO	GHGs as CO_2e	Total HAPs	Worst Single HAP
Roof landing emissions***	0.00	0.00	0.00	0.00	0.00	6.87	0.00	0.00	0.00	0.00
Total PTE of Proposed Revision	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**6.87**	**0.00**	**0.00**	**0.00**	**0.00**
***Methodology shown in Attachment A.										

Process/ Emission Unit	Potential To Emit of the Entire Source to accommodate the Proposed Revision (tons/year)									
	PM	PM10*	PM2.5	SO_2	NOx	VOC	CO	GHGs as CO_2e**	Total HAPs	Worst Single HAP
Entire Source	0.00	0.00	0.00	0.00	0.00	14.11	0.00	0.00	1.72	0.66 (Toluene)
Roof landing emissions***	0.00	0.00	0.00	0.00	0.00	6.87	0.00	0.00	0.00	0.00
Fugitive Emissions	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.03	0.11 (Toluene)
Total PTE of Entire Source	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**21.14**	**0.00**	**0.00**	**1.75**	**0.66 (Toluene)**
Exemptions Levels**	5	5	5	10	10	10	25	100,000	25	10
Registration Levels**	25	25	25	25	25	25	100	100,000	25	10
*Under the Part 70 Permit program (40 CFR 70), particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM10), not particulate matter (PM), is considered as a "regulated air pollutant". **The 100,000 CO_2e threshold represents the Title V and PSD subject to regulation thresholds for GHGs in order to determine whether a source's emissions are a regulated NSR pollutant under Title V and PSD.										
***Methodology shown in Attachment A.										

The source shall continue to operate according to 326 IAC 2-5.5. Please find enclosed the revised registration. A copy of the registration is available on the Internet at: http://www.in.gov/ai/appfiles/idem-caats/. For additional information about air permits and how the public and interested parties can participate, refer to the IDEM's Guide for Citizen Participation and Permit Guide on the Internet at: www.idem.in.gov

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 Zach Mills, at (800) 451-6027, press 0 and ask for Zach Mills or extension 3-1782, or dial (317) 233-1782.

Sincerely,

Donald F. Robin, P.E., Section Chief
Permits Branch
Office of Air Quality

DFR/zvm

Attachment: Revised Registration

cc: File - Marion County
Marion County Health Department
Compliance and Enforcement Branch
Billing, Licensing and Training Section

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REGISTRATION
OFFICE OF AIR QUALITY

Enterprise Refined Products Company, LLC
10731 E CR 300 N
Clemont, Indiana 46234

Pursuant to 326 IAC 2-5.1 (Construction of New Sources: Registrations) and 326 IAC 2-5.5 (Registrations), (herein known as the Registrant) is hereby authorized to construct and operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this registration.

Registration No. 063-7788-00035	
Original Signed by Paul Dubenetzky, Branch Chief Permits Branch Office of Air Quality	Issuance Date: April 1, 2003

Registration Revision No. 063-18408-00035, issued March 31, 2004
First Registration Notice-Only Change No. 063-29295-00035, issued June 10, 2010

Second Registration Notice-Only Change No. 063-30975-00035	
Issued by: Donald F. Robin, P.E., Section Chief Permits Branch Office of Air Quality	Issuance Date: October 28, 2011

SECTION A SOURCE SUMMARY

This registration 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 and A.2 is descriptive information and does not constitute enforceable conditions. However, the Registrant 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 Registrant to obtain additional permits pursuant to 326 IAC 2.

A.1 General Information

The Registrant owns and operates a stationary petroleum products storage terminal.

Source Address:	10731 E CR 300 N, Clermont, IN 46234
General Source Phone Number:	713-381-5407
SIC Code:	4613
County Location:	Hendricks County
Source Location Status:	Attainment for 8-hour ozone standard Nonattainment for PM 2.5 standard Attainment for all criteria pollutants
Source Status:	Registration

A.2 Emission Units and Pollution Control Equipment Summary

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

(a) One (1) vertical internal floating roof storage tank, identified as Tank No. 5106, to store natural gasoline, gasoline, diesel, jet kerosene and other petroleum products, with a maximum capacity of 5,250,000 gallons.

(b) Three (3) domed external floating roof tanks (ID Nos. 5101, 5103 and 5105), each storing natural gasoline, gasoline, Jet A Kerosene, Diesel and similar low VP product, each with a maximum capacity of 2,814,000 gallons, and each exhausting at one (1) emission point identified as 01, 03 and 05, respectively (each originally constructed in 1957). Note: A domed external floating roof is equivalent to an internal floating roof.

(c) Two (2) vertical fixed roof cone tanks (ID Nos. 5102 and 5104), each currently permitted to store Jet A Kerosene, Diesel and similar low vapor pressure (VP) product, each with a maximum capacity of 2,843,568 gallons, and each exhausting at one (1) emission point identified as 02 and 04, respectively (each originally constructed in 1957).

An internal floating roof will be installed to Tank ID No. 5104. After the installation of an internal floating roof, this tank will be permitted to store natural gasoline and gasoline in addition to the other products listed above.

(d) Two (2) internal floating roof tanks (ID Nos. 5161 and 5162), storing transmix, gasoline, Jet A Kerosene, Diesel and similar low VP product, each with a maximum capacity of 84,000 gallons, and each exhausting at one (1) emission point identified as 06 and 07, respectively (each originally constructed in 1957).

(e) Vessels storing lubricating oils, hydraulic oils, machining oils, and machining fluids.

(f) 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.

(g) Purge double block and bleed valves.

(h) One (1) propane or butane fired flare used during emergency and non-routine maintenance activities with negligible emissions.

(i) Two (2) 1,977 bbl (83,034 gallon) fixed roof storage tanks for storing water that accumulates in the petroleum storage tanks.

SECTION B GENERAL CONDITIONS

B.1 Definitions [326 IAC 2-1.1-1]

Terms in this registration 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 2-1.1-1) shall prevail.

B.2 Effective Date of Registration [IC 13-15-5-3]

Pursuant to IC 13-15-5-3, this registration is effective immediately, unless a petition for stay of effectiveness is filed and granted according to IC 13-15-6-3, and may be revoked or modified in accordance with the provisions of IC 13-15-7-1.

B.3 Registration Revocation [326 IAC 2-1.1-9]

Pursuant to 326 IAC 2-1.1-9 (Revocation), this registration to operate may be revoked for any of the following causes:

(a) Violation of any conditions of this registration.

(b) Failure to disclose all the relevant facts, or misrepresentation in obtaining this registration.

(c) Changes in regulatory requirements that mandate either a temporary or permanent reduction of discharge of contaminants. However, the amendment of appropriate sections of this registration shall not require revocation of this registration.

(d) For any cause which establishes in the judgment of IDEM the fact that continuance of this registration is not consistent with purposes of this article.

B.4 Prior Permits Superseded [326 IAC 2-1.1-9.5]

(a) All terms and conditions of permits established prior to Registration No. 063-7788-00035 and issued pursuant to permitting programs approved into the state implementation plan have been either:

(1) incorporated as originally stated,

(2) revised, or

(3) deleted.

(b) All previous registrations and permits are superseded by this registration.

B.5 Annual Notification [326 IAC 2-5.1-2(f)(3)] [326 IAC 2-5.5-4(a)(3)]

Pursuant to 326 IAC 2-5.1-2(f)(3) and 326 IAC 2-5.5-4(a)(3):

(a) An annual notification shall be submitted by an authorized individual to the Office of Air Quality stating whether or not the source is in operation and in compliance with the terms and conditions contained in this registration.

(b) The annual notice shall be submitted in the format attached no later than March 1 of each year to:

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

(c) The notification 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.

B.6 Source Modification Requirement [326 IAC 2-5.5-6(a)]

Pursuant to 326 IAC 2-5.5-6(a), an application or notification shall be submitted in accordance with 326 IAC 2 to the Office of Air Quality (OAQ) if the source proposes to construct new emission units, modify existing emission units, or otherwise modify the source.

B.7 Registrations [326 IAC 2-5.1-2(i)]

Pursuant to 326 IAC 2-5.1-2(i), this registration does not limit the source's potential to emit.

B.8 Preventive Maintenance Plan [326 IAC 1-6-3]

(a) If required by specific condition(s) in Section D of this permit, the Registrant shall prepare and maintain Preventive Maintenance Plans (PMPs) within ninety (90) days after issuance of this permit or ninety (90) days after initial start-up, whichever is later, including the following information on each facility:

(1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;

(2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and

(3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

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

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

The Permittee shall implement the PMPs.

(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 Registrant 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.

(c) To the extent the Registrant is required by 40 CFR Part 60 or 40 CFR Part 63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such OMM Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

Emission Limitations and Standards [326 IAC 2-5.1-2(g)] [326 IAC 2-5.5-4(b)]

C.1 Opacity [326 IAC 5-1]

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

(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.2 Fugitive Dust Emissions [326 IAC 6-4]

The Registrant 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).

SECTION D.1 OPERATION CONDITIONS

Facility Description [326 IAC 2-5.1-2(f)(2)] [326 IAC 2-5.5-4(a)(2)]:

(a) one (1) vertical internal floating roof storage tank, identified as Tank No. 5106, to store natural gasoline, gasoline, diesel, jet kerosene and other petroleum products, with a maximum capacity of 5,250,000 gallons.

(b) three (3) domed external floating roof tanks (ID Nos. 5101, 5103 and 5105), each storing natural gasoline, gasoline, Jet A Kerosene, Diesel and similar low VP product, each with a maximum capacity of 2,814,000 gallons, and each exhausting at one (1) emission point identified as 01, 03 and 05, respectively (each originally constructed in 1957). Note: A domed external floating roof is equivalent to an internal floating roof.

(c) Two (2) vertical fixed roof cone tanks (ID Nos. 5102 and 5104), each currently permitted to store Jet A Kerosene, Diesel and similar low vapor pressure (VP) product, each with a maximum capacity of 2,843,568 gallons, and each exhausting at one (1) emission point identified as 02 and 04, respectively (each originally constructed in 1957).

An internal floating roof will be installed to Tank ID No. 5104. After the installation of an internal floating roof, this tank will be permitted to store natural gasoline and gasoline in addition to the other products listed above.

(d) Two (2) internal floating roof tanks (ID Nos. 5161 and 5162), storing transmix, gasoline, Jet A Kerosene, Diesel and similar low VP product, each with a maximum capacity of 84,000 gallons, and each exhausting at one (1) emission point identified as 06 and 07, respectively (each originally constructed in 1957).

(e) Vessels storing lubricating oils, hydraulic oils, machining oils, and machining fluids.

(f) 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.

(g) Purge double block and bleed valves.

(h) One (1) propane or butane fired flare used during emergency and non-routine maintenance activities with negligible emissions.

(i) Two (2) 1,977 bbl (83,034 gallon) fixed roof storage tanks for storing water that accumulates in the petroleum storage tanks.

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

Emission Limitations and Standards [326 IAC 2-5.1-2(f)(1)] [326 IAC 2-5.5-4(a)(1)]

D.1.1 Internal Floating Roof [326 IAC 12 and 40 CFR Part 60, Subpart Kb]

Pursuant to 326 IAC 12 and 40 CFR Part 60, Subpart Kb, Tank 5104 internal floating roof shall meet the following specifications:

(a) The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the

process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible.

(i) The internal floating roof shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof:

(A) A foam- or liquid-filled seal mounted in contact with the liquid (liquid-mounted seal).

(B) Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous.

(C) A mechanical shoe seal.

(ii) Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface.

(iii) Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use.

(iv) Automatic bleeder vents shall be equipped with a gasket and are to be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports.

(v) Rim space vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting.

(vi) Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening.

(vii) Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover.

(viii) Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.

D.1.2 Storage Vessel, ID Tank 5106 [326 IAC 12 and 40 CFR Part 60, Subpart Kb]

Storage Vessel, ID Tank 5106 is not subject to 326 IAC 12 and 40 CFR Part 60, Subpart Kb, as it will store petroleum products with VOL less than 5.2 kPa (0.75 psi). However, Conditions D.1.1, D.1.4, and D.1.5 of this permit shall apply to this tank upon storing petroleum products with vapor pressure equal to or greater than 5.2 kPa (0.75 psi) but less than 76.6 kPa (11.3 psi).

D.1.3 Petroleum Liquid Storage Facilities [326 IAC 8-4-3]

Pursuant to 326 IAC 8-4-3;

(a) The internal floating roof from Tanks 5101, 5103, 5104, 5105, 5106, 5161 and 5162 shall be equipped with a closure seal, or seals, to close the space between the roof edge and tank wall unless the source has been retrofitted with equally effective alternative control which has been approved.

(b) The facility is maintained such that there are no visible holes, tears, or other openings in the seal or any seal fabric or materials.

(c) All openings, except stub drains, are equipped with covers, lids, or seals such that:

(i) the cover, lid, or seal is in the closed position at all times except when in actual use;

(ii) automatic bleeder vents are closed at all times except when the roof is floated off or landed on the roof leg supports;

(iii) rim vents, if provided are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.

Additionally, pursuant to 326 IAC 8-4-3, the Permittee shall maintain records including the following:

(i) The types of volatile petroleum liquids stored.

(ii) The maximum true vapor pressure.

(iii) Records of the inspections.

This condition shall apply to storage tank ID No. 5102 and 5106 upon storing petroleum products with true vapor pressure of 1.52 psi or greater.

Compliance Monitoring Requirements [326 IAC 2-5.1-2(g)] [326 IAC 2-5.5-4(b)]

D.1.4 Testing Methods and Procedures [326 IAC 12 and 40 CFR Part 60, Subpart Kb]

Pursuant to Part 60.113b Testing and Procedures, the owner or operator of Tank 5104 shall:

(a) Visually inspect the internal floating roof, double-seal system - the primary seal, the secondary, gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, the owner or operator shall repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 5 years in the case of vessels specified in paragraph (a)(3)(i) of this NSPS.

(b) Notify the Administrator in writing at least 30 days prior to the filling or refilling of the storage vessel to afford the Administrator the opportunity to have an observer present. If the inspection required is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, the owner or operator shall notify the Administrator at least 7 days prior to the refilling of the storage vessel.

Notification shall be made by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, this notification including the written documentation may be made in writing and sent by express mail so that it is received by the Administrator at least 7 days prior to the refilling.

Record Keeping and Reporting Requirements [326 IAC 2-5.1-2(g)] [326 IAC 2-5.5-4(b)]

D.1.5 Reporting and Record Keeping Requirements [326 IAC 12 and 40 CFR Part 60, Subpart Kb]

The owner or operator of the storage Tank 5104 shall keep copies of all reports and records required by this section for at least 2 years.

(a) Record of each inspection performed as required by §60.113b (a)(4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings).

(b) After each inspection required by §60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, a report shall be furnished to the Administrator within 30 days of the inspection. The report shall identify the storage vessel and the reason it did not meet the specifications of §61.112b(a)(1) or §60.113b(a)(3) and list each repair made.

(c) The owner or operator shall keep copies of all records required by this section, except for the record required by paragraph (ii) of this section, for at least 2 years. The record required by paragraph (ii) of this section will be kept for the life of the source.

(i) The owner or operator of the storage vessel as specified in §60.110b(a) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel.

(ii) The owner or operator of the storage vessel with a design capacity greater than or equal to 151 m3 storing a liquid with a maximum true vapor pressure greater than or equal to 3.5 kPa shall maintain a record of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE AND ENFORCEMENT BRANCH

REGISTRATION
ANNUAL NOTIFICATION

This form should be used to comply with the notification requirements under 326 IAC 2-5.1-2(f)(3) and 326 IAC 2-5.5-4(a)(3).

Company Name:	Enterprise Refined Products Company, LLC
Address:	10731 E CR 300 N
City:	Clermont, Indiana 46234
Phone Number:	713-381-5407
Registration No.:	063-7788-00035

I hereby certify that Enterprise Refined Products Company, LLC is :

☐ still in operation.

☐ no longer in operation.

I hereby certify that Enterprise Refined Products Company, LLC is :

☐ in compliance with the requirements of Registration No. 063-7788-00035.

☐ not in compliance with the requirements of Registration No. 063-7788-00035.

Authorized Individual (typed):
Title:
Signature:
Phone Number:
Date:

If there are any conditions or requirements for which the source is not in compliance, provide a narrative description of how the source did or will achieve compliance and the date compliance was, or will be achieved.

Noncompliance:

Appendix A: Source VOC Emission Calculations
TANKS 4.0.9d Emissions + New Emissions
For Enterprise Refined Products Company, LLC

For Enterpr

Company Name: Enterprise Refined Products Company, LCC
Address City IN Zip: 10731 East CR 300 North, Clermont, Indiana 46234
Permit Number: 063-30975-00035
Plt ID: 063-00035
Reviewer: Zach Mills

Tank Identification	Total (lbs)	Total (tons)
5101	1805.86	0.90
5102	3005.07	1.50
5103	1805.86	0.90
5104	7680.40	3.84
5105	1805.86	0.90
5106	10305.99	5.15
5161	892.15	0.45
5162	892.15	0.45

New emissions	Total (lbs)***	Total (tons)
L_{FL*}	9044.42	4.52
L_{SL*}	4693.92	2.35

Total**	**41931.68**	**20.97**	**tons/yr**

*AP-42 Eq. 2-10; L_{FL} = filling losses during roof landing; L_{SL} = standing idle losses during roof landing

** Does not contain Fugitive emissions

***The L_{TL} per event must be multiplied by the number of landing events per year = L_{TL}*14 events/year

For Enterprise Refined Products Company, LLC

Appendix A: Emission Calculations
TANKS 4.0.9d Emissions Summary
For Enterprise Refined Products Company, LLC

Company Name: Enterprise Refined Products Company, LCC
Address City IN Zip: 10731 East CR 300 North, Clermont, Indiana 46234
Permit Number: 063-30975-00035
Plt ID: 063-00035
Reviewer: Zach Mills

Tank Identification	Diameter	Height	Liquid Height	Volume	Turnover	Domed/Coned/Type	Tank Construction	Primary Seal	Secondary Seal	Roof Type	Color	Condition	Mixture/Component
5101	100	-	-	2814000	80	Domed External Floating roof	Welded	Mechanical Shoe	Rim-mounted	Pontoon	White/White	Good	Gasoline RVP 13
5102	110	40	20	2843568	73	Vertical Fixed Roof	-	-	-	Cone	White/White	Good	Jet Kerosene
5103	100	-	-	2814000	80	Domed External Floating roof	Welded	Mechanical Shoe	Rim-mounted	Pontoon	White/White	Good	Gasoline RVP 13
5104	110	-	-	2843568	80	Internal Floating Roof	Welded	Mechanical Shoe	Rim-mounted	Cone	White/White	Good	Gasoline RVP 13
5105	100	-	-	2814000	80	Domed External Floating roof	Welded	Mechanical Shoe	Rim-mounted	Pontoon	White/White	Good	Gasoline RVP 13
5106	150	-	-	5250000	80	Internal Floating Roof	Welded	Mechanical Shoe	Rim-mounted	-	White/White	Good	Gasoline RVP 13
5161	21.25	-	-	84000	24	Internal Floating Roof	Welded	Mechanical Shoe	-	-	White/White	Good	Gasoline RVP 6
5162	21.25	-	-	84000	24	Internal Floating Roof	Welded	Mechanical Shoe	-	-	White/White	Good	Gasoline RVP 6

	Rim Seal Loss	Withdrawal Loss	Deck Fitting Loss	Deck Seam Loss	Working Loss	Breathing Loss	Total Emissions	Total Emissions
Tank Identification	lbs per year							tons per year
5101	524.27	424.58	857.01	0.00	-	-	1805.86	0.90
5102	-	-	-	-	2599.12	405.95	3005.07	1.50
5103	524.27	424.58	857.01	0.00	-	-	1805.86	0.90
5104	576.70	414.85	6688.85	0.00	-	-	7680.40	3.84
5105	524.27	424.58	857.01	0.00	-	-	1805.86	0.90
5106	786.41	559.76	8959.82	0.00	-	-	10305.99	5.15
5161	423.14	17.89	451.12	0.00	-	-	892.15	0.45
5162	423.14	17.89	451.12	0.00	-	-	892.15	0.45
						TOTALS	**28193.34**	**14.10**

Appendix A: Emission Calculations
API Publication 2567 Roof Landing Calculations
Internal Floating Roof Tank or External Floating Roof Tank, Drain Dry

Company Name: Enterprise Refined Products Company, LLC
Address City IN Zip: 10731 East CR 300 North, Clermont, Indiana 46234
Permit Number: 063-30975-00035
Plt ID: 063-00035
Reviewer: Zach Mills

Tank Service: Gasoline RVP 10 (specified by user)
Tank Number: 5104 (specified by user) (Worst Case Tank)
Tank Diameter: 110 (ft) (specified by user)
Height of deck above the bottom of the tank shell: 7.5 (ft) (specified by user) (Worst Case)
Height of liquid (for cases with liquid heel): 0 (ft) (specified by user)

		Unit
Tmax*	527.725	deg R**
Tmin*	510.475	deg R**
T	519.1	deg R**
P	5.1	psia
hv	7.5	ft
Vv	71274.88	ft^3
R	10.731	[psia ft^3)/(lb-mol R)]
Mv	66	lb/lb mol

*Values from AP 42 Table 7.1-7 page 7.1-56
**deg R = deg F + 460
Met. Data for Indianapolis, Indiana
Standing Idle - clingage losses (no additional standing idle loss after first day)

WI***	5.6	lbs/gal
L_{SF}	335.28	lbs
L_{SF}	335.28	lbs
L_{SFmax}	2584.1	lbs
	0.17	tons

*** Value from API document Table 2 or specificed by user

S****	0.15	filling saturation factor
L_{FL}	646.03	lbs
	0.32	tons

****Value from API document Table 1

Total	981.31	lbs
Total	0.49	tons
Number of events	14	per year
Total	**6.87**	**tons/year**

L_{SL} Methodology:	
AP-42 Eq. 2-10	$L_{TL}=L_{SL}+L_{FL}$
AP-42 Eq. 2-20, 2-21	$L_{SL}=L_C=42C_SW_I(\pi D^2/4)$

For Enterprise Tank 5104:

C_S	0.15 bbl/1000 ft^3	Table 7.1-10
W_I	5.6 lb/gal	
D	110 ft	
Therefore L_{SL} =	335 lbs	

L_{SFmax} must be less than or equal to the following:
AP-42 Eq. 2-24 $L_{SL}\leq 0.60(PVv/RT)Mv$
Since $L_{SL} <$ 2584 lbs, the relationship is satisfied.

Vv Methodology:	
AP-42 Eq. 1-3	Vv=(πD2/4)Hvo

Hvo	7.5 ft
Therefore Vv =	71275 ft^3

T Methodology:	
Ap-42 Eq. 1-27	T=(Tmax+Tmin)/2

L_{FL} Methodology:	
AP-42 Eq. 2-26	$L_{FL}=(PVv/RT)MvS$

Total Loss Methodology:	
AP-42 Eq. 2-10	Total = $L_{FL}+L_{SL}$
2000 lbs = 1 ton	
Total = (LFL+LSL)*14 per year	

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

SENT VIA U.S. MAIL: CONFIRMED DELIVERY AND SIGNATURE REQUESTED

TO: Christopher Benton
Enterprise Refined Products Company LLC
PO Box 4324
Houston, TX 77210-4324

DATE: October 28, 2011

FROM: Matt Stuckey, Branch Chief
Permits Branch
Office of Air Quality

SUBJECT: Final Decision
Registration Notice Only Change
063-30975-00035

Enclosed is the final decision and supporting materials for the air permit application referenced above. Please note that this packet contains the original, signed, permit documents.

The final decision is being sent to you because our records indicate that you are the contact person for this application. However, if you are not the appropriate person within your company to receive this document, please forward it to the correct person.

A copy of the final decision and supporting materials has also been sent via standard mail to:
OAQ Permits Branch Interested Parties List

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178, or toll-free at 1-800-451-6027 (ext. 3-0178), and ask to speak to the permit reviewer who prepared the permit. If you think you have received this document in error, please contact Joanne Smiddie-Brush of my staff at 1-800-451-6027 (ext 3-0185), or via e-mail at jbrush@idem.IN.gov.

Final Applicant Cover letter.dot 11/30/07

Mail Code 61-53

IDEM Staff	CDENNY 10/28/2011 Enterprise Refined Products Company LLC 063-30975-00035 (final)			AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING
Name and address of Sender	▶	Indiana Department of Environmental Management Office of Air Quality – Permits Branch 100 N. Senate Indianapolis, IN 46204	Type of Mail: **CERTIFICATE OF MAILING ONLY**	

Line	Article Number	Name, Address, Street and Post Office Address	Postage	Handing Charges	Act. Value (If Registered)	Insured Value	Due Send if COD	R.R. Fee	S.D. Fee	S.H. Fee	Rest. Del. Fee Remarks
1		Christopher Benton Enterprise Refined Products Company LLC PO Box 4324 Houston TX 77210-4324 (Source CAATS)									
2		Kevin Bodenhamer Sr VP Enterprise Refined Products Company LLC PO Box 4324 Houston TX 77210-4324 *(RO CAATS)*									
3		Larry and Becky Bischoff 10979 North Smokey Row Road Mooresville IN 46158 *(Affected Party)*									
4		Hendricks County Commissioners 355 S Washington Danville IN 46122 *(Local Official)*									
5		Indianapolis City Council and Mayors Office 200 East Washington Street, Room E Indianapolis IN 46204 *(Local Official)*									
6		Betty Bartley P.O. Box 149 Danville IN 46122 *(Affected Party)*									
7		Hendricks County Health Department 355 S Washington Street, Suite 210 Danville IN 46122-1759 *(Health Department)*									
8		Mark Zeltwanger 26545 CR 52 Nappanee IN 46550 *(Affected Party)*									
9											
10											
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