FINAL DETERMINATION

FOR

Transmontaigne Product Services, Inc.
Tampa Terminal

Hillsborough County

Construction Permit

Application Number

0570081-018-AC

Environmental Protection Commission of

Hillsborough County

Tampa, FL

December 22, 2014

FINAL DETERMINATION

The Environmental Protection Commission of Hillsborough County mailed a public notice package on December 3, 2014 that included an Intent to Issue Permit No. 0570081-018-AC to Transmontaigne Product Services, Inc., Tampa Terminal. The facility is located at 1523 Port Ave., Tampa, Hillsborough County, FL 33605. This permit authorizes the blending of butane into gasoline in the gasoline storage tanks. In addition, this permit authorizes construction of jet nozzles in Gasoline Storage Tank Nos. 4 and 8.

The Public Notice of Intent to Issue was published in The Tampa Tribune on December 5, 2014.

COMMENTS/CHANGES

No comments were received from the applicant or the public.

CONCLUSION

The final action of the Environmental Protection Commission of Hillsborough County is to issue the permit as drafted with the changes noted above.

ENVIRONMENTAL PROTECTION COMMISSION OF
HILLSBOROUGH COUNTY, as Delegated by

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF PERMIT

Karl Bernard
TransMontaigne Product Services, Inc.
200 Mansell Ct. East, Suite 600
Roswell, GA 30076

Dear Mr. Bernard:

Enclosed is Permit Number 0570081-018-AC to authorize the blending of butane into gasoline in the gasoline storage tanks. In addition, this permit authorizes construction of jet nozzles in Gasoline Storage Tank Nos. 4 and 8, issued pursuant to Section 403.087, Florida Statutes.

Any party to this order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the EPC in the Legal Department at 3629 Queen Palm Drive, Tampa, Florida 33619; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this Notice is filed with the clerk of the EPC.

Executed in Tampa, Florida.

Sincerely,

Richard D. Garrity, Ph.D.
Executive Director

RDG/LAW/law

cc: Florida Department of Environmental Protection – (posting online)
Juan Ramon Medina, P.E. – TransMontaigne Product Services, Inc. (via email)

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT ISSUANCE and all copies were mailed before the close of business on _____ to the listed persons.

FILING AND ACKNOWLEDGEMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statues, with the clerk, receipt of which is hereby acknowledged.

_____ _____
Clerk Date

PERMITTEE:	PERMIT/CERTIFICATION
TransMontaigne Product Services, Inc.	Permit No.: 0570081-018-AC
1523 Port Ave.	County: Hillsborough
Tampa, FL 33605	Expiration Date: April 25, 2016
	Project: Butane Blending

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 62-204, 62-210, 62-212, 62-296, 62-297, and 62-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the EPC and made a part of hereof and specifically described as follows:

This permit authorizes the blending of butane into gasoline in the gasoline storage tanks. In addition, this permit authorizes construction of jet nozzles in Gasoline Storage Tank Nos. 4 and 8. The nozzles will be used mix stratified gasoline or blend butane into gasoline. Butane will be received by truck and pumped to the storage tanks.

TransMontaigne Product Services, Inc.'s terminal consists of: 1) eleven permitted storage tanks for the storage and handling of the petroleum products (gasoline, distillates, and denatured ethanol) and additives; 2) a truck loading rack with a total of eight loading bays; and 3) a barge loading operation. In addition, TransMontaigne has access to a 10" pipeline for transporting jet fuel and diesel fuel and a second 16" pipeline for transporting gasoline and ethanol.

VOC emissions from the truck loading operation are directed to a knock-out underground tank and routed to the vapor control system, which consists of a primary VCU and a back-up flare. The primary control device is a John Zink Enclosed Flame Hydrocarbon Vapor Combustion Unit (VCU), Model No. ZCT-3-9-50-X-2/8-2/8-X-X, with natural gas assist for temperature control. A John Zink Company, Series GV-LH, forced draft open flame flare serves as the back-up control device.

Emission Unit No. 005 – Gasoline Tank Group

		Dimension			
Tank No.	Roof Type-Primary/Secondary Seal	Volume (10^3gal.)	Diameter x Height	Color	Regulation
3	IFR - LM/RM	2520	120 x 32	White	Rule 62-296.508, F.A.C.
4	IFR - MS/RM	3192	120 x 40	White	Rule 62-296.508, F.A.C.
5	IFR - LM/RM	3192	120 x 40	White	40 CFR 60 Subpart Kb Rule 62-296.508, F.A.C.
6	IFR - MS/RM	1806	90 x 40	White	Rule 62-296.508, F.A.C.
7	IFR - MS/RM	3381	120 x 40	White	40 CFR 60 Subpart Ka Rule 62-296.508, F.A.C.
8 (8a)	IFR - MS/RM	6447	140 x 56	White	40 CFR 60 Subpart Kb Rule 62-296.508, F.A.C.
9 (9a)	IFR - MS/RM	4738	120 x 56	White	40 CFR 60 Subpart Kb Rule 62-296.508, F.A.C.
201 (21)	HFR (Slop Tank)	0.563	4 x 6	White	Rule 62-296.320, F.A.C.

Glossary
IFR - Internal Floating Roof
VFR - Vertical Fixed Roof
HFR - Horizontal Fixed Roof
MS/RM - Mechanical Shoe Primary Seal/Rim-Mounted Secondary Wiper Seal
LM/RM - Liquid-Mounted Primary Seal/Rim-Mounted Secondary Wiper Seal

References Permit Nos.: 0570081-002-AC and 0570081-013-AC

Replaces Permit No.: NA

SPECIFIC CONDITIONS:

The following conditions apply facility-wide:

FW1. Not federally Enforceable. Objectionable Odor Prohibited. No person shall cause, suffer, allow or permit the discharge of air pollutants, which cause or contribute to an objectionable odor. An "objectionable odor" means any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance. [Rule 62-296.320(2) and 62-210.200(Definitions), F.A.C.]

FW2. General Pollutant Emission Limiting Standards. Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions. The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds (VOC) or organic solvents (OS) without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Environmental Protection Commission of Hillsborough County. [Rule 62-296.320(1), F.A.C. and Permit Nos. 0570081-002-AC and 0570081-011-AV]

A) Maintain tightly fitting cover, lids, etc. on all containers when they are not being handled, tapped, etc.
B) Where possible and practical, procure/fabricate a tightly fitting cover for any open trough, basin, etc. of VOC so that it can be covered when not in use.
C) Immediately attend to all spills/waste as appropriate.

FW3. Unconfined Particulate Matter. No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any activity, including vehicular movement; transportation of materials; construction; alteration; demolition or wrecking; or industrially related activities such as loading, unloading, storing or handling; without taking reasonable precautions to prevent such emissions. Reasonable precautions to prevent emissions of unconfined particulate matter at this facility include: [Rule 62-296.320(4)(c)2., F.A.C.]

A) Maintenance of parking areas and yards.
B) Removal of particulate matter from paved areas, buildings and work areas under the control of the permittee.
C) Reduce vehicular speed. Post limits, if necessary.

Annual Reports and Fees

FW4. Annual Operating Report. The permittee shall submit an annual report that summarizes the actual operating rates and emissions from this facility. Annual operating reports shall be submitted to the Compliance Authority by April 1st of each year. [Rule 62-210.370(3), F.A.C.]

SPECIFIC CONDITIONS:

FW5. Annual Emissions Fee Form and Fee. The annual Title V emissions fees are due (postmarked) by March 1st of each year. The completed form and calculated fee shall be submitted to: Major Air Pollution Source Annual Emissions Fee, P.O. Box 3070, Tallahassee, Florida 32315-3070. The forms are available for download by accessing the Title V Annual Emissions Fee On-line Information Center at the following Internet web site: http://www.dep.state.fl.us/air/emission/tvfee.htm. [Rule 62-213.205, F.A.C.]

FW6. Annual Statement of Compliance. The permittee shall submit an annual statement of compliance to the compliance authority at the address shown on the cover of this permit within 60 days after the end of each calendar year during which the Title V permit was effective. [Rules 62-213.440(3)(a)2. & 3. and (3)(b), F.A.C.]

FW7. Prevention of Accidental Releases (Section 112(r) of CAA). If and when the facility becomes subject to 112(r), the permittee shall: [40 CFR 68]

A) Submit its Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center. Any Risk Management Plans, original submittals, revisions or updates to submittals, should be sent to: RMP Reporting Center, Post Office Box 10162, Fairfax, VA 22038, Telephone: (703) 227-7650.
B) Submit to the permitting authority Title V certification forms or a compliance schedule in accordance with Rule 62-213.440(2), F.A.C.

FW8. As requested by the permittee, in order to establish the facility as a synthetic minor for Hazardous Air Pollutants (HAP), the following limitations shall apply: [Rules 62-212.300 and 62-4.070(3), F.A.C.; and 40 CFR 63.420]

A) The HAP, as defined in Rule 62-210.200, F.A.C., emissions shall be less than 10 tons in any 12 consecutive month period for any individual HAP, and less than 25 tons in any 12 consecutive month period for any combination of HAPs.
B) The MTBE content of the gasoline stored and handled by the facility shall not exceed 9.0 percent vapor weight annual average (11.4 percent liquid weight annual average).

FW9. As requested by the permittee and in order to demonstrate compliance with the exemption from 40 CFR 63 Subpart R (NESHAP for Gasoline Distribution Facilities), the permittee shall: [40 CFR 63.420(d) and Permit 0570081-002-AC]

A) Operate the facility such that none of the facility parameters used to calculate results under 40 CFR 63.420(a)(1) (see C) below) is exceeded in any rolling 30-day period; and

SPECIFIC CONDITIONS:

B) Maintain records and provide reports in accordance with the provisions of 40 CFR 63.428(j) (see D) below)
C) Document and record that the result, E_T , of the following equation is less than 1:

$$ET=CF\ [0.59\ (TF)\ (1-CE) + 0.17\ (TE) + 0.08\ (TES) + 0.038\ (TI) + 8.5\ 10^{-6}\ (C) + KQ] + 0.04\ (OE)$$

where:

- ET = emissions screening factor for bulk gasoline terminals;
- CF = 0.161 for bulk gasoline terminals and pipeline breakout stations that do not handle any reformulated or oxygenated gasoline containing 7.6 percent by volume or greater methyl tert-butyl ether (MTBE), OR
- CF = 1.0 for bulk gasoline terminals and pipeline breakout stations that handle reformulated or oxygenated gasoline containing 7.6 percent by volume or greater MTBE;
- CE = control efficiency limitation on potential to emit for the vapor processing system used to control emissions from fixed-roof gasoline storage vessels [value should be added in decimal form (percent divided by 100)];
- TF = total number of fixed-roof gasoline storage vessels without an internal floating roof;
- TE = total number of external floating roof gasoline storage vessels with only primary seals;
- TES = total number of external floating roof gasoline storage vessels with primary and secondary seals;
- TI = total number of fixed-roof gasoline storage vessels with an internal floating roof;
- C = number of valves, pumps, connectors, loading arm valves, and open-ended lines in gasoline service;
- Q = gasoline throughput limitation on potential to emit or gasoline throughput limit in compliance with paragraphs (c), (d), and (f) of this section (liters/day);
- K = $4.52\ 10^{-6}$ for bulk gasoline terminals with uncontrolled loading racks (no vapor collection and processing systems), *OR*
- K = $(4.5\ 10^{-9})(EF + L)$ for bulk gasoline terminals with controlled loading racks (loading racks that have vapor collection and processing systems installed on the emission stream);
- EF =emission rate limitation on potential to emit for the gasoline cargo tank loading rack vapor processor outlet emissions (mg of total organic compounds per liter of gasoline loaded);
- L = 13 mg/l for gasoline cargo tanks meeting the requirement to satisfy the test criteria for a vapor-tight gasoline tank truck in § 60.501 of this chapter, *OR*
- L = 304 mg/l for gasoline cargo tanks not meeting the requirement to satisfy the test criteria for a vapor-tight gasoline tank truck in § 60.501 of this chapter;
- OE = other HAP emissions screening factor for bulk gasoline terminals or pipeline breakout stations (tons per year). OE equals the total HAP from other emission sources not specified in parameters in the equations for ET or EP .

SPECIFIC CONDITIONS:

D) Maintain the following records and reports which shall be made available for inspection upon request:

i. The initial notification from December 16, 1996 with the calculated value of E_T.
ii. Maintain a record of the calculations in 40 CFR 63.420(a)(1) including methods, procedures, and assumptions supporting the calculations for determining criteria in (1) above.
iii. At any time following the notification required under (i) above, and prior to any of the parameters being exceeded, the permittee shall notify the Administrator of modifications to the facility parameters. Each such notification shall document any expected HAP emission change resulting from the change in parameter.

FW10. The facility is subject to 40 CFR 63, Subpart BBBBBB - Gasoline Distribution Bulk Terminals, Bulk Plants, Pipeline Facilities and Gasoline Dispensing Facilities. [62-4.070(3), F.A.C., 40 CFR 63.11080]

FW11. The facility is subject to 40 CFR 63, Subpart A – General Provisions and 40 CFR 60 Subpart A – General Provisions. [Rule 62-204.800, F.A.C., 40 CFR 63.1, and 40 CFR 60.1]

FW12. The permittee shall notify the Air Compliance Section of the Environmental Protection Commission of Hillsborough County at least 15 days prior to the date on which each formal compliance test is to begin of the date, time, and place of each such test, and the contact person who will be responsible for coordinating and having such test conducted. [Rules 62-297.310(7)(a)9., F.A.C.]

FW13. The permittee shall submit all compliance related notifications and reports required of this permit to the Environmental Protection Commission of Hillsborough County at:

Environmental Protection Commission of Hillsborough County
Air Management Division
3629 Queen Palm Drive
Tampa, FL 33619
Telephone: 813/627-2600 Fax: 813/627-2660

FW14. Any reports, data, notifications, certifications, and requests required to be sent to the United States Environmental Protection Agency, Region 4, should be sent to:

United States Environmental Protection Agency
Region 4
Air, Pesticides & Toxics Management Division
Air and EPCRA Enforcement Branch

SPECIFIC CONDITIONS:

Air Enforcement Section
61 Forsyth Street
Atlanta, Georgia 30303-8960
Telephone: 404/562-9155; Fax: 404/562-9163

FW15. The permittee shall provide timely notification to the Environmental Protection Commission of Hillsborough County prior to implementing any changes that may result in a modification to this permit pursuant to Rule 62-210.200, F.A.C., Modification. The changes may include, and are not limited to the following, and may also require prior authorization before implementation: [Rules 62-210.300, 62-4.060, and 62-4.070(3), F.A.C.]

A) Alteration or replacement of any equipment or major component of such equipment listed in the process description of this permit.
B) Installation or addition of any equipment which is a source of air pollution.
C) The storage or handling of any products other those authorized by this permit.

FW16. If the permittee wishes to transfer this permit to another owner, an "Application for Transfer of Permit" (DEP Form 62-210.900(7)) shall be submitted, in duplicate, to the Environmental Protection Commission of Hillsborough County within 30 days after the sale or legal transfer of the permitted facility. [Rule 62-4.120, F.A.C.]

FW17. When the Environmental Protection Commission of Hillsborough County (EPC) after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable requirement or permit condition is being violated, it may require the owner or operator of the source to conduct compliance tests which identify the nature and quantity of pollutant emissions from the source and to provide a report on the results of said tests to the Environmental Protection Commission of Hillsborough County. [Rules 62-297.310(7)(b) and 62-4.070(3), F.A.C.]

FW18. A minimum of two copies of a permit application for a Title V permit revision shall be submitted to the Environmental Protection Commission of Hillsborough County within 225 days prior to expiration of this permit. [Rules 62-4.050(2), 62-4.090 and 62-213.420(1)(a)3., F.A.C.]

SPECIFIC CONDITIONS:

Section A. The following specific conditions apply to the following emission units:

EU No.	Description
005	Gasoline Tank Group

Enforceable Potential to Emit (PTE) Parameters

A.1. The following restrictions and limitations shall apply to the above emission units: [Rule 62-210.200(247) - PTE and 62-4.070(3), F.A.C.]

A) Gasoline Tank Group (EU No. 005):
   i) Maximum product throughput: 600,000,000 gallons per twelve consecutive month period
   ii) Allowable product storage: gasoline, ethanol, and petroleum contact water.
   iii) Maximum weighted average annual product true vapor pressure: 7.6 psia (equivalent RVP 11 psia) and shall also comply with the requirements of 40 CFR 80.
   iv) There is no throughput limitation for the slop tank (Tank No. 201), but all the petroleum contact water stored must have been generated at this facility.

B) Fugitive Emission from connectors, valves, pump seals, open-ended lines and other components:
   i) No more valves, connectors, pump seals, open-ended lines or other components which may increase this fugitive emission release shall be added to the facility without prior authorization from the Environmental Protection Commission of Hillsborough County. Replacement of the items identified in the permit application which are used to quantify these emissions shall be allowed without prior authorization.
   ii) Valves, connectors, pump seals, open-ended lines and other components shall be maintained to minimize fugitive emissions.

C) Only the tank(s) described in each group are allowed to the store the products listed.
D) All tanks shall be clearly identified by number.
E) Each tank shall be maintained to retain the structure, roof type, and color characteristics described in the application.
F) When storing a new product in an existing tank, the permittee shall take all necessary precautions to ensure that the affected tank is rid completely of the old product prior to storing the new petroleum liquid.
G) All the enclosure equipment and devices on these tanks intended to reduce VOC emissions shall be maintained in good repair.

A.2. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hours/year. [Rule 62-4.160(2), F.A.C. and Rule 62-210.200, F.A.C., Definitions - (PTE)]

SPECIFIC CONDITIONS:

Emission Limitations and Standards

A.3. Tank Nos. 3 through 9 are subject to RACT for Petroleum Liquid Storage Tanks with Internal Floating Roofs and shall comply with the following terms and conditions. [Rules 62-296.508 and 62-4.070(3), F.A.C.]

A) The permittee shall ensure that there are no visible holes, tears, or other openings in the seal or seal fabric material.
B) The permittee shall ensure that 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 on demand for sampling, maintenance, repair, or necessary operating practices; and,
   ii. Automatic bleeder vents are closed at all times except when the roof is floated off or landed on the roof supports; and,
   iii. Rim vents, if provided, are set to open when the roof is being floated off the roof supports or at the manufacturer's recommended setting.

A.4. Tank No. 7 is subject to 40 CFR 60 Subpart Ka and shall comply with the following: [Rules 62-204.800, F.A.C. and 40 CFR 60.113a(a)(2)]

A) The tank shall be maintained with a fixed roof with an internal floating type cover equipped with a continuous closure device between the tank wall and the cover edge. The cover is to be floating at all times, (i.e., off the leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled. The process of emptying and refilling when the cover is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Each opening in the cover except for automatic bleeder vents and the rim space vents is to provide a projection below the liquid surface. Each opening in the cover except for automatic bleeder vents, rim space vents, stub drains and leg sleeves is to be equipped with a cover, seal, 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. Automatic bleeder vents are to be closed at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports. Rim vents are to be set to open only when the cover is being floated off the leg supports or at the manufacturer's recommended setting.

A.5. Tank Nos. 5, 8 and 9 are subject to 40 CFR 60 Subpart Kb and shall comply with the following terms and conditions: [Rules 62-204.800 and 62-4.070(3), F.A.C.; 40 CFR 60.112b(a); and Permit No. 0570081-013-AC]

A) The permittee shall maintain a fixed roof in combination with an internal floating roof meeting the following specifications:

SPECIFIC CONDITIONS:

i. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. 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.

ii. Each 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). A liquid-mounted seal means a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank.

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. A mechanical shoe seal is a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and is connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.

iii. 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.

iv. 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.

v. 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.

vi. 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.

vii. 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 or equivalent that covers at least 90 percent of the opening.

SPECIFIC CONDITIONS:

viii. 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.

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

Test Methods and Procedures

A.6. For Tank Nos. 3 through 9 , the following test methods shall apply: [Rule 62-296.508(3), F.A.C.]

A) Internal Floating Roof and Roof Seals. The test method for volatile organic compounds shall be p. 6-2 of EPA 450/2-77-036, incorporated and adopted by reference in Chapter 62-297, F.A.C.
B) Test procedures shall meet all applicable requirements of Chapter 62-297, F.A.C.

A.7. For Tank Nos. 5, 8 and 9, the permittee shall comply with the following requirements: [Rule 62-204.800, F.A.C. and 40 CFR 60.113b]

A) Visually inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, the owner or operator shall repair the items before filling the storage vessel. [40 CFR 60.113b(a)(1)]
B) For vessels equipped with a liquid-mounted or mechanical shoe primary seal, visually inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If the internal floating roof is not resting on the surface of the VOL inside the storage vessel, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, the owner or operator shall repair the items or empty and remove the storage vessel from service within 45 days. If a failure that is detected during inspections required in this paragraph cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from the EPC in the inspection report required in 40 CFR 60.115b(a)(3) (Specific Condition A.15). Such a request for an extension must document that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible. [40 CFR 60.113b(a)(2)]
C) For vessels equipped with a double-seal system as specified in 40 CFR 60.112b(a)(1)(ii)(B):

i. Visually inspect the vessel as specified in D) below at least every 5 years; or
ii. Visually inspect the vessel as specified in B) above

SPECIFIC CONDITIONS:

D) Visually inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), 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 10 years the case of vessels conducting the annual visual inspection as specified in paragraphs 40 CFR 60.113b(a)(2) and (a)(3)(ii) and at intervals no greater than 5 years in the case of vessels specified in paragraph 40 CFR 60.113b (a)(3)(i) of this section (Paragraph C above). [40 CFR 60.113b(a)(4)]

E) Notify the EPC in writing at least 30 days prior to the initial fill or refill of each storage vessel for which an inspection is required by 40 CFR 60.113b.(a)(1) and (a)(4) (A) and D) above) to afford the EPC the opportunity to have an observer present. If the inspection required by 40 CFR 60.113b.(a)(4) (D) above) is not planned and the owner or operator could not have known about the inspection 30 days in advance of refilling the tank, the owner or operator shall notify the EPC at least 7 days prior to the initial fill or refill 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 EPC at least 7 days prior to the initial fill or refill. [40CFR60.113b(a)(5)]

Monitoring, Recordkeeping, and Reporting Requirements

A.8. Compliance with the limitations of Specific Condition No. A.1. shall be demonstrated through the use of a monthly recordkeeping system. The recordkeeping system shall contain the following information for each tank and shall be made available upon request for inspection by the EPC, state, or federal agency for the most recent 5 year period: [40 CFR 60.115a, Rule 62-4.070(3), F.A.C., and Permit No. 0570081-017-AC]

A) Tank Number
B) Month, Year
C) Product(s) Stored
D) Period of Storage for Each Product(s) (days)
E) Average product true vapor pressure (psia) or equivalent RVP for gasoline only
F) Product(s) Throughput (gallons)
G) Rolling 12 (twelve) month throughput of product(s) by tank (gallons)
H) Number of times each tank roof is landed on the tank support legs per 12 consecutive month period
I) Number of times each tank is degassed per 12 consecutive month period

SPECIFIC CONDITIONS:

A.9. The permittee shall visually inspect all automatic bleeder vents and rim vents within twenty-four (24) hours of the roof either floating off or landing on the roof leg supports in order to ensure compliance with Specific Condition Nos. A.5 and A.6. [Rule 62-4.070(3), F.A.C.]

A.10. The permittee shall promptly notify (by telephone) the Environmental Protection Commission of Hillsborough County of any abnormal event which occurs at the facility. Within thirty (30) days of this notification report the permittee shall submit a written report detailing the following: [Rule 62-4.070(3), F.A.C.]

A) Tank Identification Number
B) The Abnormal Event
C) Corrective Action Taken

For purposes of this condition, an abnormal event, in part, shall mean:
D) Identification of any item out of compliance
E) Any tank out of service for more than four (4) weeks.

A.11. Annual seal inspections required in Specific Condition No. A.7. shall be conducted and a written report prepared. Monthly visual observations of seals to verify compliance with A.3., A.4., A.5., and A.6. shall be conducted and a written report of corrective actions taken upon discovery of holes, tears, or other openings shall be prepared. Both reports shall be kept on site and made available upon request to the Environmental Protection Commission of Hillsborough County. [Rule 62-4.070(3), F.A.C.]

A.12. For Tank Nos. 5, 8 and 9, the permittee shall keep records and furnish reports as required by this Specific Condition. The owner or operator shall keep copies of all reports and records required by this condition for at least 5 years. [40 CFR 60.115b; and Rules 62-4.070(3) & 62-213.440(1)(b), F.A.C.]

A) Keep a record of each inspection performed as required by 40 CFR 60.113b(a)(1), (a)(2), (a)(3), and (a)(4) (Specific Condition No. A.7.) 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). [40 CFR 60.115b.(a)(2)]
B) If any of the conditions described in 40 CFR 60.113b(a)(2) (Specific Condition A.7) are detected during the annual visual inspection required by 40 CFR 60.113b(a)(2), a report shall be furnished to the EPC within 30 days of the inspection. Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. [40 CFR 60.115b.(a)(3)]
C) After each inspection required by 40 CFR 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 40

SPECIFIC CONDITIONS:

CFR 60.113b(a)(3)(ii), a report shall be furnished to the EPC within 30 days of the inspection. The report shall identify the storage vessel and the reason it did not meet the specifications of 40 CFR 60.112b(a)(1) or 40 CFR 60.113b(a)(3) and list each repair made. [40 CFR 60.115b.(a)(4)]

A.13. For Tank Nos. 5, 8 and 9, the permittee shall keep the following records for at least 5 years: [40 CFR 60.116b and Rule 62-4.070(3), F.A.C.]

A) The permittee shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel.
B) Except as provided in paragraphs 40 CFR 60.116b(f) (F) below), the owner or operator of each storage vessel either with a design capacity greater than or equal to 151 m^3 storing a liquid with a maximum true vapor pressure greater than or equal to 3.5 kPa or with a design capacity greater than or equal to 75 m^3 but less than 151 m^3 storing a liquid with a maximum true vapor pressure greater than or equal to 15.0 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. [40 CFR 60.116b(c)]
C) Available data on the storage temperature may be used to determine the maximum true vapor pressure as determined below. [40 CFR 60.116b(e)]
   i. For vessels operated above or below ambient temperatures, the maximum true vapor pressure is calculated based upon the highest expected calendar-month average of the storage temperature. For vessels operated at ambient temperatures, the maximum true vapor pressure is calculated based upon the maximum local monthly average ambient temperature as reported by the National Weather Service.
   ii. For crude oil or refined petroleum products the vapor pressure may be obtained by the following:
      a) Available data on the Reid vapor pressure and the maximum expected storage temperature based on the highest expected calendar-month average temperature of the stored product may be used to determine the maximum true vapor pressure from nomographs contained in API Bulletin 2517 (incorporated by reference-see 40 CFR 60.17), 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).
      b) The true vapor pressure of each type of crude oil with a Reid vapor pressure less than 13.8 kPa or with physical properties that preclude determination by the recommended method is to be determined from available data and recorded if the estimated maximum true vapor pressure is greater than 3.5 kPa.

   iii. For other liquids, the vapor pressure:
      a) May be obtained from standard reference texts, or

SPECIFIC CONDITIONS:

b) Determined by ASTM Method ASTM D2879-83, 96, or 97 (incorporated by reference-see 40 60.17); or
c) Measured by an appropriate method approved by the Administrator; or
d) Calculated by an appropriate method approved by the Administrator.

D) The owner or operator of each vessel storing a waste mixture of indeterminate or variable composition shall be subject to the following requirements: [40 CFR 60.116b(f)]

i. Prior to the initial filling of the vessel, the highest maximum true vapor pressure for the range of anticipated liquid compositions to be stored will be determined using the methods described in 40 CFR 60.116b(e) (C) above).
ii. For vessels in which the vapor pressure of the anticipated liquid composition is above the cutoff for monitoring but below the cutoff for controls as defined in 40 CFR 60.112b(a), an initial physical test of the vapor pressure is required; and a physical test at least once every 6 months thereafter is required as determined by the following methods:

a) ASTM Method ASTM D2879-83, 96, or 97 (incorporated by reference-see 40 CFR 60.17); or
b) ASTM Method D323-82 or 94 2 (incorporated by reference-see 40 CFR 60.17); or
c) As measured by an appropriate method as approved by the Administrator.

ENVIRONMENTAL PROTECTION COMMISSION
OF HILLSBOROUGH COUNTY

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Richard D. Garrity, Ph.D.
Executive Director