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Michael Miller
Operations Manager
Buckeye Terminals, LLC
848 McCloskey Blvd.
Tampa, FL 33605

RE: Project No. 0570083-026-AC
Buckeye Terminals, LLC – Tampa South
Butane and Propane Handling Operation

Dear Mr. Miller:

On May 6, 2016, you submitted an application to 1) construct a butane and propane handling operation; 2) revise the throughput limit of the gasoline storage tank group (EU No. 004); and 3) authorize the blending of butane in the gasoline storage tanks in order to increase the RVP of the gasoline. The existing facility is located in Hillsborough County at 848 McCloskey Blvd., Tampa, FL 33605.

Enclosed are the following documents: the Written Notice of Intent to Issue Air Permit; the Public Notice of Intent to Issue Air Permit; the Technical Evaluation and Preliminary Determination; and the Draft Permit with Appendices. The Public Notice of Intent to Issue Air Permit is the actual notice that you must have published in the legal advertisement section of a newspaper of general circulation in the area affected by this project.

If you have any questions, please contact Diana M. Lee, P.E., Chief, Air Permitting, at (813) 627-2600 ext. 1276 or by email at lee@epchc.org.

Executed in Tampa, Florida.

Sincerely,

Janet L. Dougherty
Executive Director

Enclosures

JLD/LAW/law

WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMIT

*In the Matter of an
Application for Air Permit by:*

Buckeye Terminals, LLC
848 McCloskey Blvd.
Tampa, FL 33605

Project No. 0570083-036-AC
Minor Air Construction Permit

Authorized Representative:
Michael Miller, Operations Manager

Buckeye Terminals, LLC – Tampa South
Butane and Propane Handling Operation
Hillsborough County, Florida

Facility Location: Buckeye Terminals, LLC operates the existing facility, which is located in Hillsborough County at 848 McCloskey Blvd. in Tampa, Florida 33605.

Project: The applicant requests to 1) construct a butane and propane handling operation; 2) revise the throughput limit of the gasoline storage tank group (EU No. 004); and 3) authorize the blending of butane in the gasoline storage tanks in order to increase the RVP of the gasoline. Details of the project are provided in the application and the enclosed Technical Evaluation and Preliminary Determination.

Permitting Authority: Applications for air construction permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4 and 62-210 of the Florida Administrative Code (F.A.C.). The proposed project is not exempt from air permitting requirements and an air permit is required to perform the proposed work. The Environmental Protection Commission of Hillsborough County is the Permitting Authority responsible for making a permit determination for this project. The Permitting Authority's physical address is: 3629 Queen Palm Dr., Tampa, Florida 33619. The Permitting Authority's mailing address is: 3629 Queen Palm Dr., Tampa, Florida 33619. The Permitting Authority's telephone number is 813-627-2600.

Project File: A complete project file is available for public inspection during the normal business hours of 8:00 a.m. to 5:00 p.m., Monday through Friday (except legal holidays), at address indicated above for the Permitting Authority. The complete project file includes the draft permit, the Technical Evaluation and Preliminary Determination, the application, and the information submitted by the applicant, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Permitting Authority's project review engineer for additional information at the address or phone number listed above.

Notice of Intent to Issue Permit: The Permitting Authority gives notice of its intent to issue an air permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of the proposed equipment will not adversely impact air quality and that the project will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C. The Permitting Authority will issue a final permit in accordance with the conditions of the draft permit unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S. or unless public comment received in accordance with this notice results in a different decision or a significant change of terms or conditions.

Public Notice: Pursuant to Section 403.815, F.S. and Rules 62-110.106 and 62-210.350, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Public Notice of Intent to Issue

WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMIT

Air Permit (Public Notice). The Public Notice shall be published one time only as soon as possible in the legal advertisement section of a newspaper of general circulation in the area affected by this project. The newspaper used must meet the requirements of Sections 50.011 and 50.031, F.S. in the county where the activity is to take place. If you are uncertain that a newspaper meets these requirements, please contact the Permitting Authority at above address or phone number. Pursuant to Rule 62-110.106(5) and (9), F.A.C., the applicant shall provide proof of publication to the Permitting Authority at the above address within 7 days of publication. Failure to publish the notice and provide proof of publication may result in the denial of the permit pursuant to Rule 62-110.106(11), F.A.C.

Comments: The Permitting Authority will accept written comments concerning the draft permit for a period of 14 days from the date of publication of the Public Notice. Written comments must be received by the Permitting Authority by close of business (5:00 p.m.) on or before the end of the 14-day period. If written comments received result in a significant change to the draft permit, the Permitting Authority shall revise the draft permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

Petitions: A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. Petitions filed by the applicant or any of the parties listed below must be filed within 14 days of receipt of this written notice of Intent to Issue Air Permit. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of publication of the attached Public Notice or within 14 days of receipt of this written notice of Intent to Issue Air Permit, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Permitting Authority for notice of agency action may file a petition within 14 days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. A petition for administrative hearing must contain the information set forth below and must be filed (received) in the Legal Department of the EPC at 3629 Queen Palm Drive, Tampa, Florida 33619, Phone 813-627-2600, Fax 813-627-260 before the deadline. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Permitting Authority's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, any email address, telephone number and any facsimile number of the petitioner; the name, address any email address, telephone number, and any facsimile number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of when and how each petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action including an explanation of how the alleged

WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMIT

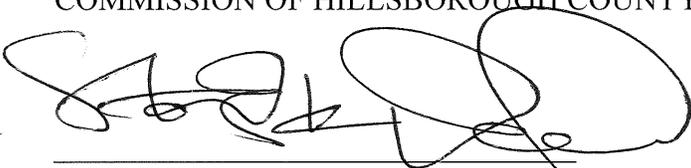
facts relate to the specific rules or statutes; and, (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the agency to take with respect to the agency's proposed action. A petition that does not dispute the material facts upon which the Permitting Authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Permitting Authority's final action may be different from the position taken by it in this written notice of Intent to Issue Air Permit. Persons whose substantial interests will be affected by any such final decision of the Permitting Authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation: Mediation is not available in this proceeding.

Executed in Tampa, Florida.

ENVIRONMENTAL PROTECTION
COMMISSION OF HILLSBOROUGH COUNTY

Cor 

Janet L. Dougherty
Executive Director

WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMIT

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this written notice of Intent to Issue Air Permit package (including the Public Notice of Intent to Issue Air Permit, the Technical Evaluation and Preliminary Determination and the draft permit with Appendices) was sent by electronic mail, or a link to these documents made available electronically on a publicly accessible server, with received receipt requested, or was sent via mail, before the close of business on the date indicated below to the following persons.

Michael Miller – Buckeye Terminals, LLC mmiller@buckeye.com
Robert Baker, P.E. – Baker Environmental Engineering, Inc. baker@atlantic.net

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



Clerk

6/2/2016

Date

PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMIT
ENVIRONMENTAL PROTECTION COMMISSION
OF HILLSBOROUGH COUNTY
Draft Minor Air Construction Permit
Draft Air Permit No. 0570083-026-AC
Buckeye Terminals, LLC – Tampa South
Hillsborough County, FL

Applicant: The applicant for this project is Buckeye Terminals, LLC – Tampa South. The applicant's authorized representative and mailing address is: Michael Miller, Operations Manager, Buckeye Terminals, LLC, 848 McCloskey Blvd, Tampa, FL 33605.

Facility Location: Buckeye Terminals, LLC operates the existing Tampa South facility, which is located in Hillsborough County at 848 McCloskey Blvd, Tampa, FL 33605.

Project: This project authorizes the construction of a butane and propane handling operation and the blending of butane in the gasoline storage tanks. The facility will remain a minor source of volatile organic compound emissions.

Permitting Authority: Applications for air construction permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4, 62-210 and 62-212 of the Florida Administrative Code (F.A.C.). The proposed project is not exempt from air permitting requirements and an air permit is required to perform the proposed work. The Permitting Authority responsible for making a permit determination for this project is the Environmental Protection Commission of Hillsborough County. The Permitting Authority's physical address is: 3629 Queen Palm Dr., Tampa, FL 33619. The Permitting Authority's mailing address is: 3629 Queen Palm Dr., Tampa, FL 33619. The Permitting Authority's phone number is 813-627-2600.

Project File: A complete project file is available for public inspection during the normal business hours of 8:00 a.m. to 5:00 p.m., Monday through Friday (except legal holidays), at the physical address indicated above for the Permitting Authority. The complete project file includes the Draft Permit, the Technical Evaluation and Preliminary Determination, the application and information submitted by the applicant (exclusive of confidential records under Section 403.111, F.S.). Interested persons may contact the Permitting Authority's project engineer for additional information at the address and phone number listed above. In addition, electronic copies of these documents are available on the following web site: <https://fldep.dep.state.fl.us/air/emission/apds/default.asp>.

Notice of Intent to Issue Air Permit: The Permitting Authority gives notice of its intent to issue an air construction permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of proposed equipment will not adversely impact air quality and that the project will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C. The Permitting Authority will issue a Final Permit in accordance with the conditions of the proposed Draft Permit unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S. or unless public comment received in accordance with this notice results in a different decision or a significant change of terms or conditions.

Comments: The Permitting Authority will accept written comments concerning the proposed Draft Permit for a period of 14 days from the date of publication of the Public Notice. Written comments must be received by the Permitting Authority by close of business (5:00 p.m.) on or before the end of this 14-day period. If written comments received result in a significant change to the Draft Permit, the

Permitting Authority shall revise the Draft Permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

Petitions: A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of publication of the Public Notice or receipt of a written notice, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Permitting Authority for notice of agency action may file a petition within 14 days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. A petition for administrative hearing must contain the information set forth below and must be filed (received) in the Legal Department of the EPC at 3629 Queen Palm Drive, Tampa, Florida 33619, Phone 813-627-2600, Fax 813-627-260 before the deadline. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Permitting Authority's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, any email address, telephone number and any facsimile number of the petitioner; the name, address any email address, telephone number, and any facsimile number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of when and how each petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so state; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action including an explanation of how the alleged facts relate to the specific rules or statutes; and, (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the agency to take with respect to the agency's proposed action. A petition that does not dispute the material facts upon which the Permitting Authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Permitting Authority's final action may be different from the position taken by it in this Public Notice of Intent to Issue Air Permit. Persons whose substantial interests will be affected by any such final decision of the Permitting Authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation: Mediation is not available in this proceeding.



TECHNICAL EVALUATION

&

PRELIMINARY DETERMINATION

APPLICANT

Buckeye Terminals, LLC – Tampa South
848 McCloskey Blvd
Tampa, FL 33605
Facility ID No. 0570083

PROJECT

Project No. 0570083-026-AC
Application for an Air Construction Permit
Butane and Propane Handling Operation

COUNTY

Hillsborough County, Florida

PERMITTING AUTHORITY

Environmental Protection Commission of Hillsborough County
3629 Queen Palm Dr.
Tampa, FL 33619

June 2, 2016

1. GENERAL PROJECT INFORMATION

• Air Pollution Regulations

Projects at stationary sources with the potential to emit air pollution are subject to the applicable environmental laws specified in Section 403 of the Florida Statutes (F.S.). The statutes authorize the Department of Environmental Protection (Department) to establish regulations regarding air quality as part of the Florida Administrative Code (F.A.C.), which includes the following applicable chapters: 62-4 (Permits); 62-204 (Air Pollution Control – General Provisions); 62-210 (Stationary Sources – General Requirements); 62-212 (Stationary Sources – Preconstruction Review); 62-213 (Operation Permits for Major Sources of Air Pollution); 62-296 (Stationary Sources - Emission Standards); and 62-297 (Stationary Sources – Emissions Monitoring). Specifically, air construction permits are required pursuant to Chapters 62-4, 62-210 and 62-212, F.A.C.

In addition, the U. S. Environmental Protection Agency (EPA) establishes air quality regulations in Title 40 of the Code of Federal Regulations (CFR). Part 60 specifies New Source Performance Standards (NSPS) for numerous industrial categories. Part 61 specifies National Emission Standards for Hazardous Air Pollutants (NESHAP) based on specific pollutants. Part 63 specifies NESHAP based on the Maximum Achievable Control Technology (MACT) for numerous industrial categories. The Department adopts these federal regulations in Rule 62-204.800, F.A.C.

Glossary of Common Terms

Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of this permit.

Facility Description and Location

Buckeye Terminals, LLC – Tampa South is a bulk gasoline terminal and is categorized under Standard Industrial Classification Code No. 42 – Motor Freight Transportation and Warehousing. The existing facility is located in Hillsborough County at 848 McCloskey Blvd., Tampa, FL 33605. The UTM coordinates of the existing facility are Zone 17, 358.0 km East, and 3090.3 km North.

This site is in an area that is in attainment (or designated as unclassifiable) for all air pollutants subject to Ambient Air Quality Standards (AAQS), except for ozone. Hillsborough County is designated as an air quality maintenance area for ozone.

Facility Regulatory Categories

- The facility is not a major source of hazardous air pollutants (HAP).
- The facility is not a Title V major source of air pollution in accordance with Chapter 62-213, F.A.C.
- The facility is not a major stationary source in accordance with Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

Project Description

This permit authorizes 1) the construction of a butane and propane handling operation; 2) revises the throughput limit of the gasoline storage tank group (EU No. 004); and 3) authorizes the blending of butane in the gasoline storage tanks in order to increase the RVP of the gasoline.

Processing Schedule

May 6, 2016 - Received the application for an air pollution construction permit

Not Applicable - Requested additional information

May 6, 2016 - Application Complete

2. DEPARTMENT REVIEW

This permit authorizes 1) the construction of a butane and propane handling operation; 2) revises the throughput limit of the gasoline storage tank group (EU No. 004); and 3) authorizes the blending of butane in the gasoline storage tanks in order to increase the RVP of the gasoline.

Buckeye Terminals, LLC is a bulk gasoline terminal. Buckeye's operations include receiving petroleum products by ship, pipeline, or truck and storing the products in thirteen permitted storage tanks. In addition, the facility receives denatured ethanol by truck at the denatured ethanol truck station located on a skid next to the truck loading rack. The facility distributes the petroleum products into tanker trucks through a loading rack with three loading bays or through a pipeline. Each loading bay has one blender that is used to blend ethanol in-stream with gasoline as needed prior to loading into the truck.

The butane and propane handling operation will involve receiving liquid butane and propane by railcar. The railcar will transfer the material to one of eight, new, 30,000 gallon, bullet storage tanks. When ready to be shipped offsite, the butane and propane will be loaded into trucks using a refurbished, dedicated truck loading rack. The loading rack will have three truck loading stations and will be used to load butane and propane only. Potential VOC emissions from this operation will be vented directly to the atmosphere.

In addition to being loaded into trucks, the butane may be transferred to the facility's gasoline storage tanks (EU No. 004) to be blended with the gasoline in order to increase the RVP of the gasoline. The butane blending nozzles will be installed in each of the six gasoline storage tanks. The nozzles will be installed as each tank is taken out of service for an inspection or for repairs.

Also, as requested by the permittee, this permit revises the throughput of the gasoline storage tanks group. Previously, each storage tank was authorized to handle 370,000,000 gallons of gasoline per year. However, the permittee requests that the combined throughput of all six tanks be limited to 370,000,000 gallons of gasoline per year to better reflect actual operations at the facility. In addition, this permit reduces the VOC emissions from the Additive Tanks and Slop Tank (EU No. 011) from 0.8 tons VOC/year to 0.5 tons VOC/year. The change in VOC emissions is due to a reduction in the vapor pressure of the liquids stored in these tanks.

The potential VOC emissions from the butane and propane handling operation are based on the amount of liquid that is left in the railcar unloading and truck loading arms when the unloading/loading operation has been completed. Based on a loading arm diameter of two inches, a loading arm length of twelve inches, and a density of 4.9 lbs/gallon for butane, which is worst-case, each railcar/truck disconnect will result in 0.8 lbs VOC emissions. Assuming a maximum of 1,667 railcars and a maximum of 6,250 trucks per year, the potential VOC emissions from the unloading and loading operations are calculated to be 3.2 tons/year. In addition, the butane and propane handling operation results in 1.0 tons VOC emissions per year due to leaks from valves, flanges, seals, etc. The total VOC emissions from the butane and propane handling operation are calculated to be 4.2 tons/year.

The potential VOC emissions from the gasoline storage tanks are based on EPA TANKS 4.09d and a maximum combined throughput for all of the tanks of 370,000,000 gallons/year. The reduction in throughput results in a decrease of VOC emissions from the tanks, from 35.8 tons/year to 34.0 tons/year, which includes emissions due to degassing.

These projects result in an overall increase in facility-wide potential VOC emissions from 89.5 tons/year to 91.7 tons/year. The facility remains a synthetic minor source of VOC emissions. Buckeye is subject to 40 CFR 60 Subpart Kb (Standards of Performance for Volatile Organic Liquid Storage Vessels) and Rule 62-296.508, F.A.C. (Petroleum Liquid Storage). In addition, the facility is subject to 40 CFR 63 Subpart BBBBBB (National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities). However, this NESHAP has not been adopted by the State of Florida.

In addition, the facility has requested that the facility-wide potential VOC emissions be included as a specific condition in the permit in order to ensure the facility remains below the potential emissions.

Summary of Emissions

Emission Unit (EU) No.	EU Description	PTE VOC Emission (TPY)	Actual VOC Emissions (TPY)	Increase VOC Emissions (TPY)	Allowable Emissions
004	Gasoline Storage Tanks	34.0	23.3	10.7	NA
011	Additive and Slop Tanks	0.5	0.2	0.3	
104	Butane and Propane Handling	4.2	0	4.2	NA
Total		38.7	23.5	15.2	

- The actual emissions for EU No. 004 are based on the average of 2014 and 2015 AOR data. The actual emissions for EU No. 104 are zero because this is a new emission unit that has not been constructed.
- For EU No. 004, the potential VOC emissions are based on EPA TANKS 4.09d and a maximum combined throughput of 370,000,000 gallons/year for all of the gasoline storage group tanks. The potential emissions are estimated using the working loss emissions from Tank No. 34, which is the worst-case emitting tank, and the standing losses from all of the storage tanks within the gasoline group.
- For EU No. 104, the potential emissions are based on a loading arm diameter of two inches, a loading arm length of twelve inches, and a density of 4.9 lbs/gallon for butane, which is worst-case, each railcar/truck disconnect will result in 0.8 lbs VOC emissions. Assuming a maximum of 1,667 railcars and a maximum of 6,250 trucks per year, the potential VOC emissions from the unloading and loading operations are calculated to be 3.2 tons/year. In addition, the butane and propane handling operation results in 1.0 tons VOC emissions per year due to leaks from valves, flanges, seals, etc. The total VOC emissions from the butane and propane handling operation are calculated to be 4.2 tons/year.
- For EU No. 011, the potential VOC emissions are based on EPA TANKS 4.09d and 1) a

maximum throughput of 200,000 gallons for Tank No. 41; 2) a maximum throughput of 30,000 gallons for Tank No. 42; and 3) a maximum throughput of 200,000 gallons for Tank Slop.

- The facility-wide total PTE for VOC emissions is limited to 91.7 tons/yr.

Local Requirements

Rules of the EPCHC, Chapter 1-3 - Stationary Air Pollution and Ambient Air Quality Standards

State Requirements

Rule 62-296.320, F.A.C. - General Pollutant Emission Limiting Standards

Rule 62-296.508, F.A.C. - Petroleum Liquid Storage

Federal NSPS Provisions

40 CFR 60 Subpart A – General Provisions

40 CFR 60 Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984

40 CFR 63 Subpart A – General Provisions

40 CFR 63 Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities.

3. PRELIMINARY DETERMINATION

The Department makes a preliminary determination that the proposed project will comply with all applicable state and federal air pollution regulations as conditioned by the draft permit. This determination is based on a technical review of the complete application, reasonable assurances provided by the applicant, and the conditions specified in the draft permit. No air quality modeling analysis is required because the project does not result in a significant increase in emissions. Lora Webb is the project engineer responsible for reviewing the application and drafting the permit. Additional details of this analysis may be obtained by contacting Lora Webb or Diana M. Lee, P.E. Chief, Air Permitting, at (813) 627-2600 or by email at webbl@epchc.org or lee@epchc.org.

COMMISSION

Kevin Beckner	Lesley "Les" Miller, Jr.
Victor D. Crist	Sandra L. Murman
Ken Hagan	Stacy White
Al Higginbotham	



EXECUTIVE DIRECTOR
Janet L. Dougherty

DIVISION DIRECTORS

Legal & Admin.	Richard Tschantz, Esq.
Air Management	Jerry Campbell, P.E.
Waste Management	Hooshang Boostani, P.E.
Water Management	Sam Elrabi, P.E.
Wetlands Management	Kelly Bishop, P.G.

PERMITTEE

Buckeye Terminals, LLC
848 McCloskey Blvd.
Tampa, FL 33605

Air Permit No.0570083-026-AC
Permit Expires: October 31, 2017

Authorized Representative:

Michael Miller, Operations Manager

Air Construction Permit
Butane and Propane Handling Operation

PROJECT

This air construction permit authorizes 1) the construction of a butane and propane handling operation; 2) revises the throughput limit of the gasoline storage tank group (EU No. 004); and 3) authorizes the blending of butane in the gasoline storage tanks in order to increase the RVP of the gasoline. The proposed work will be conducted at the existing facility, which is a bulk gasoline terminal categorized under Standard Industrial Classification No. 42 – Motor Freight Transportation and Warehousing. The existing facility is located in Hillsborough County at 848 McCloskey Blvd., Tampa, FL 33605. The UTM coordinates of the existing facility are Zone 17, 358.0 km East, and 3090.3 km North.

This permit is organized into the following sections: Section 1 (General Information); Section 2 (Administrative Requirements); Section 3 (Emissions Unit Specific Conditions); and Section 4 (Appendices). Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of Section 4 of this permit.

STATEMENT OF BASIS

This air pollution construction permit is issued under the provisions of: Chapter 403 of the Florida Statutes (F.S.) and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.). The permittee is authorized to conduct the proposed work in accordance with the conditions of this permit. This project is subject to the general preconstruction review requirements in Rule 62-212.300, F.A.C. and is not subject to the preconstruction review requirements for major stationary sources in Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

Executed in Tampa, Florida.

ENVIRONMENTAL PROTECTION
COMMISSION OF HILLSBOROUGH COUNTY

Janet L. Dougherty
Executive Director

DRAFT PERMIT

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this written notice of Intent to Issue Air Permit package (including the Public Notice of Intent to Issue Air Permit, the Technical Evaluation and Preliminary Determination and the draft permit with Appendices) was sent by electronic mail, or a link to these documents made available electronically on a publicly accessible server, with received receipt requested, or was sent via mail, before the close of business on the date indicated below to the following persons.

Michael Miller – Buckeye Terminals, LLC mmiller@buckeye.com
Robert Baker, P.E. – Baker Environmental Engineering, Inc. baker@atlantic.net

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

Clerk

Date

FACILITY DESCRIPTION

Buckeye Terminals, LLC is a bulk gasoline terminal. Buckeye’s operations include receiving petroleum products by ship, pipeline, or truck and storing the products in thirteen permitted storage tanks. In addition, the facility receives denatured ethanol by truck at the denatured ethanol truck station located on a skid next to the truck loading rack. The facility distributes the petroleum products into tanker trucks through a loading rack with three loading bays or through a pipeline. Each loading bay has one blender that is used to blend ethanol in-stream with gasoline as needed prior to loading into the truck.

In addition, the facility has requested that the facility-wide potential VOC emissions be included as a specific condition in the permit in order to ensure the facility remains below the potential emissions.

PROPOSED PROJECT

This permit authorizes 1) the construction of a butane and propane handling operation; 2) revises the throughput limit of the gasoline storage tank group (EU No. 004); and 3) authorizes the blending of butane in the gasoline storage tanks in order to increase the RVP of the gasoline.

The butane and propane handling operation will involve receiving liquid butane and propane by railcar. The railcar will transfer the material to one of eight, new, 30,000 gallon, bullet storage tanks. When ready to be shipped offsite, the butane and propane will be loaded into trucks using a refurbished, dedicated truck loading rack. The loading rack will have three truck loading stations and will be used to load butane and propane only. Potential VOC emissions from this operation will be vented directly to the atmosphere.

In addition to being loaded into trucks, the butane may be transferred to the facility’s gasoline storage tanks (EU No. 004) to be blended with the gasoline in order to increase the RVP of the gasoline. The butane blending nozzles will be installed in each of the six gasoline storage tanks. The nozzles will be installed as each tank is taken out of service for an inspection or for repairs.

Also, as requested by the permittee, this permit revises the throughput of the gasoline storage tanks group. Previously, each storage tank was authorized to handle 370,000,000 gallons of gasoline per year. However, the permittee requests that the combined throughput of all six tanks be limited to 370,000,000 gallons of gasoline per year to better reflect actual operations at the facility. In addition, this permit reduces the vapor pressure of the liquids stored in the Additive Tanks and Slop Tank (EU No. 011).

This project will modify or add the following emission units:

004 - Gasoline Storage Tanks

Tank No.	Roof Type	Volume (gallons)	Color	Primary/Secondary Seal
29	DEFRT/IFR	2,638,986	White	Welded Mechanical Shoe/Rim Mounted
33	IFR	4,818,380	White	Welded Mechanical Shoe/Rim Mounted

SECTION 1. GENERAL INFORMATION (DRAFT)

Tank No.	Roof Type	Volume (gallons)	Color	Primary/Secondary Seal
34	IFR	4,512,937	White	Bolted Vapor-Mounted/None
35	IFR	1,641,623	White	Welded Mechanical Shoe/None
36	IFR	3,443,707	White	Welded Mechanical Shoe/Rim Mounted
50	IFR	4,223,231	White	Welded Liquid –Mounted/Rim-Mounted
51	IFR	3,077,184	White	Welded Liquid –Mounted/Rim-Mounted

011 - Additive and Slop Tanks

Tank No.	Roof Type	Volume (gallons)	Color
41	HFR	8,272	White
42	HFR	6,175	White
Slop	HFR	2,000	White

104 - Butane and Propane Handling

FACILITY REGULATORY CLASSIFICATION

- The facility is not a major source of hazardous air pollutants (HAP).
- The facility does not operate units subject to the acid rain provisions of the Clean Air Act (CAA).
- The facility is not a Title V major source of air pollution in accordance with Chapter 62-213, F.A.C.
- The facility is not a major stationary source in accordance with Rule 62-212.400(PSD), F.A.C.

SECTION 2. ADMINISTRATIVE REQUIREMENTS (DRAFT)

FW1. Permitting Authority: The permitting authority for this project is the Environmental Protection Commission of Hillsborough County. The mailing address is 3629 Queen Palm Dr., Tampa, Florida 33619. All documents related to applications for permits to operate an emissions unit shall be submitted to the Environmental Protection Commission of Hillsborough County.

FW2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Environmental Protection Commission of Hillsborough County at: 3629 Queen Palm Dr., Tampa, Florida 33619.

FW3. Appendices: The following Appendices are attached as a part of this permit: Appendix A (Citation Formats and Glossary of Common Terms); Appendix B (General Conditions); Appendix C (Common Conditions); and Appendix D (Common Testing Requirements).

FW4. Applicable Regulations, Forms and Application Procedures: Unless otherwise specified in this permit, the construction and operation of the subject emissions units shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of: Chapter 403, F.S.; and Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations.

FW5. New or Additional Conditions: For good cause shown and after notice and an administrative hearing, if requested, the EPCHC may require the permittee to conform to new or additional conditions. The EPCHC shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the EPCHC may grant additional time. [Rule 62-4.080, F.A.C.]

FW6. Modifications: No new emissions unit shall be constructed and no existing emissions unit shall be modified without obtaining an air construction permit from the EPCHC. Such permit shall be obtained prior to beginning construction or modification. [Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]

FW7. Construction and Expiration: The expiration date shown on the first page of this permit provides time to complete the physical construction activities authorized by this permit, complete any necessary compliance testing, and obtain an operation permit. Notwithstanding this expiration date, all specific emissions limitations and operating requirements established by this permit shall remain in effect until the facility or emissions unit is permanently shut down. For good cause, the permittee may request that that a permit be extended. Pursuant to Rule 62-4.080(3), F.A.C., such a request shall be submitted to the EPCHC in writing before the permit expires. [Rules 62-4.070(4), 62-4.080 & 62-210.300(1), F.A.C.]

FW8. Application for an Air Operating Permit: This permit authorizes construction of the permitted emissions unit(s) and initial operation to determine compliance with Department rules. A Non-Title V air operation permit is required for regular operation of the permitted emissions unit. The permittee shall apply for a Non-Title V air operation permit within 60 days of receiving butane or propane by railcar or at least 90 days prior to expiration of this permit, whichever occurs first. To apply for a Non-Title V operation permit, the applicant shall submit the appropriate application

SECTION 2. ADMINISTRATIVE REQUIREMENTS (DRAFT)

form, the appropriate permitting fee, and such additional information as the Department may by law require. The application shall be submitted to the Environmental Protection Commission of Hillsborough County. [Rules 62-210.300(2), 62-4.030, and 62-4.050, F.A.C.]

FW9. Annual Operating Report: The information required by the Annual Operating Report for Air Pollutant Emitting Facility (DEP Form No. 62-210.900(5)) shall be submitted by April 1 of each year, for the previous calendar year, to the Environmental Protection Commission of Hillsborough County. All synthetic non-Title V sources shall submit a completed DEP Form 62-210.900(5) unless the annual operating report is submitted using the DEP's electronic annual operating report software. Emissions shall be computed in accordance with the provisions of subsection 62-210.370(2), F.A.C. [Rule 62-210.370(3), F.A.C.]

{Permitting Note: Resources to help you complete your AOR are available on the electronic AOR (EAOR) website at: <http://www.dep.state.fl.us/air/emission/eaor>. If you have questions or need assistance after reviewing the information posted on the EAOR website, please contact the Department by phone at (850) 717-9000 or email at eaor@dep.state.fl.us.}

FW10. As requested by the permittee, in order to limit the potential to emit and establish the facility as a Synthetic Non-Title V Source for both Volatile Organic Compound (VOCs) and Hazardous Air Pollutants (HAP), the following emission limitation shall apply: [Rules 62-4.070(3) and 62-210.200(PTE), F.A.C., and Permit Application Received May 6, 2006]

- A) The maximum volatile organic compound (VOC) emissions from the facility, including fugitive emissions, shall not exceed 91.7 tons per twelve consecutive month period;
- B) The HAP, as defined in Rule 62-213.200, F.A.C., emissions shall be less than 10 tons in any 12 consecutive month periods for any individual HAP, and less than 25 tons in any 12 consecutive month periods for the total of all HAPs combined.
- C) The hours of operation are not restricted.

FW11. 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 emission standard contained in Rules 62-204, 62-210, 62-212, 62-296, or 62-297, F.A.C., or in a permit issued pursuant to those rules 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 EPC. [Rule 62-297.310(8)(c), F.A.C. and Permit No. 0570024-017-AC]

FW12. All applicable rules of the Environmental Protection Commission of Hillsborough County including design discharge limitations specified in the application shall be adhered to. The permit holder may also need to comply with county, municipal, federal, or other state regulations prior to construction. [Rule 62-4.070(7), F.A.C.]

FW13. All reasonable precautions shall be taken to prevent and control generation of unconfined emissions of particulate matter in accordance with the provision in Rule 62-296.320, F.A.C. These provisions are applicable to any source, including, but not limited to, vehicular movement,

SECTION 2. ADMINISTRATIVE REQUIREMENTS (DRAFT)

transportation of materials, construction, alteration, demolition or wrecking, or industrial related activities such as loading, unloading, storing and handling. [Rule 62-296.320(4)(c), F.A.C.]

FW14. The permittee shall not store, handle, process, or use in any process the volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems as follows and as deemed necessary and ordered by the Environmental Protection Commission of Hillsborough County: [Rule 62-296.320(1)(a), F.A.C.]

- 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 spill/waste as appropriate.

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 do not include normal maintenance, but may include, and are not limited to, the following, and may also require prior authorization before implementation: [40 CFR 60.15 and Rules 62-210.300 and 62-4.070(3), F.A.C.]

- A) Alteration or replacement* of any equipment or major component of such equipment.
- B) Installation or addition of any equipment which is a source of air pollution.
- C) Increasing facility wide throughput or increasing the loading rack throughput.
- D) Installing an additional loading arm or storage tank

*Not applicable to routine maintenance, repair, or replacement of component parts of an emission unit. The cost of replacement of component parts in an emissions unit shall count toward the fixed capital cost for reconstruction.

FW16. If the permittee wishes to transfer this permit to another owner, an "Application for Transfer of Air 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.]

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS (DRAFT)

A. EU Nos. 004 and 011

This section of the permit addresses the following emissions units.

EU No.	EU Description
004	Gasoline Storage Tank Nos. 29, 33, 34, 35, 36, 50, and 51
011	Additive Tank Nos. 41 and 42 and Slop Tank

PERFORMANCE RESTRICTIONS

A.1. The following restrictions and limitations shall apply to the gasoline storage tanks (EU 004) per twelve consecutive month period: [Rule 62-4.070(3), F.A.C. and Permit Application Received May 6, 2016]

- A) The combined maximum throughput for all of the tanks in EU 004 shall not exceed 370,000,000 gallons per twelve consecutive month period.
- B) The average annual true vapor pressure of the gasoline stored at the facility shall not exceed 7.3 psia.

A.2. The following tank throughput and vapor pressure limitations shall apply to EU No. 011 per any twelve consecutive month period: [Rule 62-4.070(3), F.A.C. and Permit Nos. 0570083-024-AC]

Tank No.	Volume (gallons)	Product Stored	Maximum Throughput (Gallons)	Average Annual True Vapor Pressure (psia)
41	8,272	Additive	200,000	0.18
42	6,175	Additive	30,000	0.008
Slop	2,000	Slop	200,000	4.6

A.3. The storage tanks in a given group may be utilized to store a variety of liquids as long as the annual average liquid vapor pressure of the stored liquid is equal to or less than the maximum annual average vapor pressure allowed in each tank group. [Rule 62-4.070(3), F.A.C.]

A.4. All tanks shall be numbered and be clearly identifiable by inspectors and field personnel. [Rule 62-4.070(3), F.A.C. and Permit No. 0570083-024-AC]

A.5. Each tank shall be maintained to retain the structure, roof type, seals, controls, and color characteristics described in the application. [Rules 62-210.300 and 62-4.070(3), F.A.C.]

Emission Limitations and Standards

A.6. All tank-to-tank transfers shall be included in the emission calculations and throughput records required by this permit. [Rule 62-4.070(3), F.A.C. and Permit No. 0570083-024-AC]

A.7. Tanks 29, 33, 34, 35, 36, 50, and 51 shall be operated and equipped with the following: [Rule 62-296.508, F.A.C. and Permit Nos. 0570083-024-AC]

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS (DRAFT)

A. EU Nos. 004 and 011

- A) An internal floating roof equipped with a closure seal, or seals, to close the space between the roof edge and tank wall, or the emissions unit has been retrofitted with an equally effective alternative control.
- B) The emissions unit is maintained such that there are no visible holes, tears, or other openings in the seal or any seal fabric or materials; and,
- C) All openings, except stub drains are equipped with covers, lids, or seals such that:
 - 1. The cover, lid, or seal is in the closed position at all times except on demand for sampling, maintenance, repair, or necessary operational practices; and,
 - 2. Automatic bleeder vents are closed at all times except when the roof is floated off or landed on the roof leg supports; and,
 - 3. 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.

A.8. Tanks 33, 50, and 51 are subject to 40 CFR 60 Subpart Kb and shall be equipped as follows: [40 CFR 60.112b(a)(1) and 60.116b(b) and Rule 62-204.800(8)(b)56., F.A.C.]

- A) 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.
- B) 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:
 - 1. 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.
 - 2. 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.
 - 3. 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.
- C) 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.
- D) 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

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS (DRAFT)

A. EU Nos. 004 and 011

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.

- E) 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.
- F) 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.
- G) 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.
- H) 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.
- I) Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.
- J) The owner or operator of each storage vessel as specified in 40 CFR 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.

A.9. Tanks 33, 50, and 51 are subject to 40 CFR 60 Subpart Kb and shall be operated and inspected as follows: [40 CFR 60.113b(a) and 60.115b(a) and Rule 62-4.070(3), F.A.C.]

- 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.
- 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 Administrator in the inspection report required in 40 CFR 60.115b(a)(3). 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.

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS (DRAFT)

A. EU Nos. 004 and 011

- C) For vessels equipped with a double-seal system as specified in 40 CFR 60.112b(a)(1)(ii)(B) (Specific Condition No. A.8.B)2. above):
1. Visually inspect the vessel as specified in paragraph 40 CFR 60.113b(a)(4) (Specific Condition No. A.9.D) below) at least every 5 years; or
 2. Visually inspect the vessel as specified in 40 CFR 60.113b(a)(2) (Specific Condition No. A.9.B) above).
- 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 in the case of vessels conducting the annual visual inspection as specified in 40 CFR 60.113b(a)(2) (Specific Condition No. A.9.B) above) and (a)(3)(ii) (Specific Condition No. A.9.C)2. above) of this section and at intervals no greater than 5 years in the case of vessels specified in paragraph 40 CFR 60.113b(a)(3)(i) (Specific Condition No. A.9.C)1. above).
- E) Notify the Administrator in writing at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by paragraphs 40 CFR 60.113b(a)(1) (Specific Condition No. A.8.A) above) and (a)(4) (Specific Condition No. A.9.D) above) to afford the Administrator the opportunity to have an observer present. If the inspection required by 40 CFR 60.113b(a)(4) 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.
- F) Keep a record of each inspection required by this Condition. 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).
- G) If any of the conditions described 40 CFR 60.113b(a)(2) (Specific Condition No. A.9.B) above) are discovered, a report shall be furnished to the Environmental Protection Commission of Hillsborough County 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.

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS (DRAFT)

A. EU Nos. 004 and 011

H) After each inspection required by 40 CFR 60.113b(a)(3) (Specific Condition No. A.9.C above) 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 CFR 60.113b(a)(3)(ii) (Specific Condition No. A.9.C)2. above), 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 40 CFR 61.112b(a)(1) (Specific Condition No. A.8. above) or 40 CFR 60.113b(a)(3) (Specific Condition No. A.9.C) above) and list each repair made.

A.10. Available data on the storage temperature may be used to determine the maximum true vapor pressure as determined below: [40 CFR 60.116b(e) and Rule 62-4.070(3), F.A.C.]

- A) 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.
- B) For other liquids, the vapor pressure:
- May be obtained from standard reference texts, or
 - Determined by ASTM D2879-83, 96, or 97 (incorporated by reference - see 40 CFR 60.17); or
 - Measured by an appropriate method approved by the Administrator; or
 - Calculated by an appropriate method approved by the Administrator.

A.11. The permittee shall use submerged filling techniques for all storage tanks located at this facility. The EPC finds submerged filling techniques as known and existing vapor emissions controls. [Rules 62-4.070(3) and 62-296.320(1), F.A.C. and Permit No. 0570083-024-AC]

RECORDS AND REPORTS

A.12. Compliance with Specific Condition Nos. FW.10, A.1., and A.2. shall be demonstrated through the use of a daily and monthly recordkeeping system. The records shall be made available to the Environmental Protection Commission of Hillsborough County, state, or federal air pollution agency upon request and shall remain onsite for at least three (3) years. The recordkeeping system shall contain, but is not limited to, the following information for each tank: [40 CFR 60.116b(c), Rules 62-4.070(3) and 62-4.160(14), F.A.C.]

- Day, Month, Year
- Tank Number
- Product(s) Stored
- Period of Storage of Each Product(s) (days)
- Average Product Vapor Pressure (psia)
- Throughput of the Product(s) (gallons)
- Twelve month rolling total of F) above
- The MTBE content of the gasoline (percent by weight)

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS (DRAFT)

B. EU No. 104

This section of the permit addresses the following emissions unit.

EU No.	EU Description
104	Butane and Propane Handling

EQUIPMENT

B.1. Equipment: The permittee is authorized to install eight, 30,000 gallon, bullet storage tanks. [Rule 62-4.070(3), F.A.C. and Permit Application Received May 6, 2016]

PERFORMANCE RESTRICTIONS

B.2. Permitted Capacity: The combined throughput of the butane and/or propane shall not exceed 50,000,000 gallons per twelve consecutive month period. [Rule 62-210.200(PTE), F.A.C. and Permit Application Received May 6, 2016]

B.3. The following restrictions shall apply to the butane and propane handling operation (EU No. 104): [Rule 62-4.070(3) and 62-210.200(PTE), F.A.C. and Permit Application Received May 6, 2016]

- A) Butane may be transferred to the Gasoline Storage Tanks (EU No. 004) for blending with gasoline.
- B) Butane and/or propane may be loaded out by truck at the dedicated butane and propane truck loading rack only.
- C) The number of railcars unloaded shall not exceed 1,667 per twelve consecutive month period.
- D) The number of tanker trucks loaded shall not exceed 7,917 per twelve consecutive month period.

RECORDS AND REPORTS

B.4. Compliance with Specific Condition Nos. FW10., B.2. and B.3. shall be demonstrated through the use of a daily and monthly recordkeeping system. The records shall be made available to the Environmental Protection Commission of Hillsborough County, state, or federal air pollution agency upon request and shall remain onsite for at least three (3) years. The recordkeeping system shall contain, but is not limited to, the following information: [Rule 62-4.070(3), F.A.C.]

- A) Day, Month, Year
- B) Amount of butane and/or propane received (gallons)
- C) Number of railcars unloaded
- D) Number of trucks loaded
- E) Twelve month rolling total of B) – D) above