

**COMMISSION**

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



**EXECUTIVE DIRECTOR**  
Janet 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	Scott Emery, Ph.D.

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

RE:    0570083-024-AC  
      Minor Air Construction Permit  
      New Internal Floating Roof for Tank No. 19

Dear Mr. Miller:

On June 24, 2015, you submitted an application for an air construction permit to replace the floating roof of Tank No. 19. The new roof will be an aluminum internal floating roof with a mechanical shoe primary seal and a rim mounted secondary wiper seal. This facility is located in Hillsborough County at 848 McCloskey Blvd., Tampa, Florida 33605.

After review of the application, the following documents have been prepared: the Technical Evaluation and Preliminary Determination; the Draft Permit; the Written Notice of Intent to Issue Air Permit; and the Public Notice of Intent to Issue Air Permit. The Public Notice of Intent to Issue Air Permit is the actual notice that you must publish 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. at 813-627-2600 x1276, or by e-mail at [lee@epchc.org](mailto:lee@epchc.org).

Sincerely,

  
Janet L. Dougherty  
Executive Director

Enclosures

JLD/LAW/law

TECHNICAL EVALUATION  
AND  
PRELIMINARY DETERMINATION  
FOR

Buckeye Terminals, LLC

Hillsborough County

Construction Permit

Application Number

0570083-024-AC

Environmental Protection Commission of

Hillsborough County

Tampa, FL

July 17, 2015

I. Project Description

A. Applicant:

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

B. Engineer:

Robert A. Baker, P.E.  
Baker Environmental Engineering, Inc.  
3000 North Ponce de Leon Blvd.  
St. Augustine, FL 32084

C. Project and Location:

This permit authorizes the replacement of the floating roof of Tank No. 19. The project has been assigned NEDS Source Classification Code (SCC) Nos. 4-04-001-70 and 4-04-001-16 (Petroleum and Solvent Evaporation, Bulk Terminals, Petroleum Liquid Storage, Standing and Withdrawal Losses).

The facility has been assigned SIC Industry No. 51 – Wholesale Trade – Nondurable Goods. The project is located at 848 McCloskey Blvd., Tampa, FL 33605. UTM Coordinates are 17-358.0E and 3090.3N.

D. Process and Controls:

This permit authorizes the replacement of the internal floating roof of Tank No. 19 at a bulk gasoline terminal. Tank No. 19, which typically stores petroleum contact water (PCW), currently has a steel internal floating roof with a vapor mounted primary seal and a rim mounted secondary seal. The new roof will be an aluminum internal floating roof with a mechanical shoe primary seal and a rim mounted secondary wiper seal. The table below lists the PCW storage tanks at the facility.

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.

VOC emissions from the truck loading rack and from the loading of ethanol into trucks are

controlled by a refurbished John Zink Carbon Vapor Recovery Unit (VRU), Series No. S71294A. A John Zink Company air assisted, Vapor Combustion Unit (VCU), Model No. S91634-702, is used as a backup control device.

The potential VOC emissions from the two tanks in the PCW group (EU No. 007) were calculated using TANKS 4.09d based on each tank handling a maximum of 200,000 gallons/year of gasoline, which is worst-case. The replacement of the floating roof of Tank No. 19 results in a facility wide VOC emissions of 89.5 tons/year.

Tank No. 19 is subject to Rule 62-296.508, F.A.C. - Petroleum Liquid Storage. However, based on two EPA Applicability Determinations dated August 19, 2003 and December 2, 2004, the replacement of the floating roof does not result in the tank being subject to 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.

The facility is subject to 40 CFR 63 Subpart BBBB (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, so this rule is only being referenced in the process description.

**EU No. 007 - Petroleum Contact Water Tanks/Gasoline Storage Tanks, 18 and 19**

Tank No.	Roof Type	Volume (gallons)	Color	Average Annual True Vapor Pressure (psia)	Primary/Secondary Seal
18	IFR	88,007	White	7.3	Bolted Vapor Mounted/Rim Mounted
19	IFR	88,007	White	7.3	Mechanical Shoe/Rim Mounted Wiper

Glossary

IFR - Internal Floating Roof

E. Application Information:

Received on: June 24, 2015  
 Information Requested: N/A  
 Application Complete: June 24, 2015

## II. Rule Applicability

This project is subject to the pre-construction review requirements of Chapter 403, Florida Statutes, Chapters, 62-204, 62-210, 62-212, 62-296, and 62-297, Florida Administrative Code (F.A.C.) and Chapter 1-3 of the Rules of the Environmental Protection Commission of Hillsborough County.

This project is not subject to the requirements of Rule 62-212.400, Prevention of Significant Deterioration, F.A.C. or Rule 62-212.500, New Source Review for Non-attainment Areas, F.A.C., since the facility is a Synthetic Non-TV facility by state definition.

This project is subject to the requirements of Rule 62-212.300, General Preconstruction Review Requirements, since the project is not exempt from the permit requirements in Rule 62-210.300, F.A.C.

This project is subject to the requirements of Rule 62-296.320, General Pollutant Emission Limiting Standards, F.A.C., since the project is a source of VOC emissions and a potential source of odor.

This project is not subject to the requirements of Rule 62-296.401 through 62-296.470, Specific Emission Limiting and Performance Standards, F.A.C., since there is not an applicable category for this source.

This project is subject to the requirements of Rule 62-296.500, F.A.C., Reasonably Available Control Technology (RACT) Volatile Organic Compounds (VOC) and Nitrogen Oxides (NOx) Emitting Facilities, because there is an applicable source category, specifically, Rule 62-296.508, F.A.C. - Petroleum Liquid Storage.

This project is not subject to the requirements of Rule 62-296.600, Reasonably Available Control Technology for Lead, F.A.C., since there is not an applicable category for this source.

This project is not subject to the requirements of Rule 62-296.700, Reasonably Available Control Technology for Particulate Matter, F.A.C., since there is not an applicable category for this source.

This project is not subject to the requirements of Rule 62-204.800, Federal Regulations Adopted by Reference, F.A.C., since there is not an applicable category for this source.

This project is subject to the requirements of Chapter 84-446, Laws of Florida and Chapter 1-3, Rules of the Environmental Protection Commission of Hillsborough County.

### III. Summary of Emissions

<b>Emission Unit (EU) No.</b>	<b>Description</b>	<b>Potential VOC Emissions (tons/yr)</b>	<b>Actual VOC Emissions (tons/yr)</b>	<b>Allowable</b>
007	Petroleum Contact Water/Gasoline Storage Tanks, 18 & 19	1.5	0.3	NA

- Actual Emissions are based on the average of 2013 and 2014 AOR Data.
- The potential VOC emissions were calculated using TANKS 4.09d, based on each tank handling a maximum of 200,000 gallons/year of gasoline, which is worst-case.

Inventory of Title III pollutants is estimated to be less than 10 TPY individually and less than 25 TPY collectively.

### IV. Conclusions:

The emission limits proposed by the applicant will meet all of the requirements of Chapters 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C., and Chapter 1-3, Rules of the Commission.

The General and Specific Conditions listed in the proposed permit (attached) will assure compliance with all the applicable requirements of Chapters 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C.

### V. Proposed Agency Action:

Pursuant to Section 403.087, Florida Statutes and Rule 62-4.070, Florida Administrative Code the Environmental Protection Commission of Hillsborough County hereby gives notice of its intent to issue a permit to construct the aforementioned air pollution source in accordance with the draft permit and its conditions as stipulated (see attached).

COMMISSION

Kevin Beckner  
Victor D. Crist  
Ken Hagan  
Al Higginbotham

Lesley "Les" Miller, Jr.  
Sandra L. Murman  
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Wetlands Management Scott Emery, Ph.D.

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. 0570083-024-AC  
Minor Air Construction Permit  
Hillsborough County, Florida

*Authorized Representative:*  
Michael Miller

*New Floating Roof for Tank No. 19*

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

**Project:** This permit authorizes the replacement of the floating roof of Tank No. 19. The new roof will be an aluminum internal floating roof with a mechanical shoe primary seal and a rim mounted secondary wiper seal.

**Permitting Authority:** Applications for air construction and operation 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 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 Diana M. Lee, P.E. 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,

*An agency with values of environmental stewardship, fairness, and cooperation*

**Roger P. Stewart Center**

**3629 Queen Palm Drive, Tampa, FL 33619 - (813) 627-2600 - [www.epchc.org](http://www.epchc.org)**

*An Affirmative Action / Equal Opportunity Employer*

## WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMIT

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.

**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 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 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 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 813-627-2602, 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

## WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMIT

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 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 Hillsborough County, Florida.

  
Janet L. Dougherty  
Executive Director



**PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMIT**  
ENVIRONMENTAL PROTECTION COMMISSION  
OF HILLSBOROUGH COUNTY  
Draft Minor Air Construction Permit  
Project No. 0570083-024-AC  
Buckeye Terminals, LLC  
Hillsborough County, Florida

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

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

**Project:** This project authorizes the replacement of the floating roof of Tank No. 19. The new roof will be an aluminum internal floating roof with a mechanical shoe primary seal and a rim mounted secondary wiper seal.

**Permitting Authority:** Applications for air construction and operation 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 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 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 Diana M. Lee, P.E. for additional information at the address and phone number listed above.

**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 this 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 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 813-627-2602, 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 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 for this proceeding.



**COMMISSION**

Kevin Beckner  
Victor D. Crist  
Ken Hagan  
Al Higginbotham

Lesley "Les" Miller, Jr.  
Sandra L. Murman  
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Water Management Sam Elrabi, P.E.  
Wetlands Management Scott Emery, Ph.D.

**ENVIRONMENTAL PROTECTION COMMISSION OF  
HILLSBOROUGH COUNTY, as Delegated by**

**STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

**NOTICE OF PERMIT**

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

Dear Mr. Miller:

Enclosed is Permit Number 0570083-024-AC to authorize the replacement of the floating roof of Tank No. 19, 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 Dr., 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,

**DRAFT**

Janet L. Dougherty  
Executive Director

JLD/LAW/law

Buckeye Terminals, LLC  
Tampa, FL 33605

Page 2 of 2

cc: Florida Department of Environmental Protection, Southwest District (posting online)  
Robert Baker, P.E. – Baker Environmental Engineering, Inc. (via e-mail)  
Radford Murphy - Buckeye Terminals, LLC (via e-mail)

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT 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 Statutes, with the designated clerk, receipt of which is hereby acknowledged.

**DRAFT**

\_\_\_\_\_  
Clerk

\_\_\_\_\_  
Date

**COMMISSION**

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



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Wetlands Management	Scott Emery, Ph.D.

**DRAFT**

**PERMITTEE:**

Buckeye Terminals, LLC  
Tampa South Terminal  
848 McCloskey Boulevard  
Tampa, FL 33605

**PERMIT/CERTIFICATION**

Permit No.: 0570083-024-AC  
County: Hillsborough  
Expiration Date: August 30, 2016  
Project: Tank No. 19 Roof Replacement

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 hereof and specifically described as follows:

This permit authorizes the replacement of the internal floating roof of Tank No. 19 at a bulk gasoline terminal. Tank No. 19 currently has a steel internal floating roof with a vapor mounted primary seal and a rim mounted secondary seal. The new roof will be an aluminum internal floating roof with a mechanical shoe primary seal and a rim mounted secondary wiper seal.

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.

VOC emissions from the truck loading rack and from the loading of ethanol into trucks are controlled by a refurbished John Zink Carbon Vapor Recovery Unit (VRU), Series No. S71294A. A John Zink Company air assisted, Vapor Combustion Unit (VCU), Model No. S91634-702, is used as a backup control device. The facility is subject to 40 CFR 60 Subpart XX - Standards of Performance for Bulk Gasoline Terminals and 40 CFR 63 Subpart BBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities. 40 CFR 63 Subpart BBBB has not been adopted by the State of Florida. In addition, as requested by the permittee, this permit includes a limit on the facility wide VOC potential to emit and a limit on the VOC potential to emit of the storage tanks.

**DRAFT**

Emission Unit No.:

**007 - Petroleum Contact Water Tanks/Gasoline Storage Tanks, 18 and 19**

Tank No.	Roof Type	Volume (gallons)	Color	Average Annual True Vapor Pressure (psia)	Primary/Secondary Seal
18	IFR	88,007	White	7.3	Bolted Vapor Mounted/Rim Mounted
19	IFR	88,007	White	7.3	Mechanical Shoe/Rim Mounted Wiper

Location: 848 McCloskey Blvd., Tampa, FL 33605

UTM: 17- 358.0E 3092.3N NEDS No.: 0083

References Permit Nos.: 0570083-014-AC, 0570083-016-AC, 0570083-020-AF, and 0570083-022-AC

Replaces Permit No.: NA

PERMITTEE:  
Buckeye Terminals, LLC

PERMIT/CERTIFICATION NO.: 0570083-024-AC  
PROJECT: Tank No. 19 Roof Replacement

**DRAFT**

SPECIFIC CONDITIONS:

1. A part of this permit is the attached General Conditions. [Rule 62-4.160, F.A.C.]
2. 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.]
3. Issuance of this permit does not relieve the permittee from complying with applicable emission limiting standards or other requirements of Chapters 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C., or any other requirements under federal, state, or local law. [Rule 62-210.300, F.A.C.]
4. The permittee shall not cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor. [Rule 62-296.320(2), F.A.C.]
5. The use of property, facilities, equipment, processes, products, or compounds, or the commission of paint overspraying or any other act, that causes or materially contributes to a public nuisance is prohibited, pursuant to the Hillsborough County Environmental Protection Act, Section 16, Chapter 84-446, Laws of Florida, as Amended.
6. As requested by the permittee, in order to limit the potential to emit and establish the facility as a synthetic minor for both criteria and Hazardous Air Pollutants (HAP), the following emission limitations shall apply: [Rules 62-4.070(3), 62-210.200 and 62-212.300, F.A.C.]
  - A) The maximum potential VOC emissions from the entire facility shall not exceed 89.5 tons for any 12 consecutive month period. This includes emissions from leaks and emissions from degassing the storage tanks.
  - B) The maximum potential VOC emissions from the storage tanks shall not exceed 38.1 tons for any 12 consecutive month period, which includes emissions (11.0 TPY) from degassing of the storage tanks.
  - C) Hazardous Air Pollutant (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.
7. No marine loading is permitted without prior written approval from the Environmental Protection Commission of Hillsborough County. [Rule 62-4.070(3), F.A.C. and Permit No. 0570083-014-AC]
8. In order to ensure compliance with Specific Condition No. 6, the MTBE content of the gasoline shall not exceed 1.2% by weight. [Rule 62-4.070(3), F.A.C. and Permit No. 0570083-016-AC]

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**Storage Tanks**

9. 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. and Permit No. 0570083-020-AF]

10. The following tank throughput and vapor pressure limitations shall apply to EU No. 007 per any twelve consecutive month period: [Rule 62-4.070(3), F.A.C. and Permit No. 0570083-020-AF]

<b>Tank No.</b>	<b>Volume (gallons)</b>	<b>Maximum Throughput (Gallons)</b>	<b>Average Annual True Vapor Pressure (psia)</b>
18	88,007	200,000	7.3
19	88,007	200,000	7.3

11. 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. 0570083-016-AC]

12. 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. 0570083-016-AC]

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

14. Tanks 18 and 19 shall be operated and equipped with the following: [Rule 62-296.508, F.A.C. and Permit No. 0570083-016-AC]

- 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.

15. For Tanks 18 and 19, the following test methods shall apply: [Rule 62-296.508(3), F.A.C.]

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- 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

16. 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. 0570083-014-AC]

20. The emission factors from the TANKS 4.09d PROGRAM version shall be used when calculating actual tank emissions. [Rules 62-210.200(PTE) and 62-4.070(3), F.A.C.]

17. Compliance with Specific Condition Nos. 6, 8, 10, and 11 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: [Rules 62-4.070(3) and 62-4.160(14), F.A.C.]

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

18. 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. [Rules 62-4.070(3) and 62-297.310(8)(c), F.A.C.]

19. Submit to the Environmental Protection Commission of Hillsborough County each calendar year on or before April 1, completed DEP Form 62-210.900(5), "Annual Operating Report for Air Pollutant Emitting Facility", for the preceding calendar year. [Rule 62-210.370(3)(c), F.A.C.]

20. 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, transportation of materials,

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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.]

21. 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.

22. 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: [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.

23. 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.]

24. A minimum of two copies of a permit application for an operating permit revision shall be submitted to the Environmental Protection Commission of Hillsborough County within 60 days of completion of construction of the internal floating roof for Tank No. 19 or at least 90 days prior to the expiration date of this permit, whichever occurs first. [Rules 62-4.050(2) and 62-4.090]

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SPECIFIC CONDITIONS:

ENVIRONMENTAL PROTECTION COMMISSION  
OF HILLSBOROUGH COUNTY

***DRAFT***

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Janet L. Dougherty  
Executive Director

## ATTACHMENT - GENERAL CONDITIONS

(1) The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, F.S. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

(2) This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

(3) As provided in subsections 403.987(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in this permit.

(4) This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

(5) This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

(6) The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

(7) The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

- (a) Have access to and copy any records that must be kept under conditions of the permit;
- (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules. Reasonable time may depend on the nature of the concern being investigated.

## ATTACHMENT - GENERAL CONDITIONS

(8) If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- (a) A description of and cause of noncompliance; and
- (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

(9) In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

(10) The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard.

(11) This permit is transferable only upon Department approval in accordance with Rules 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

(12) This permit or a copy thereof shall be kept at the work site of the permitted activity.

(13) This permit also constitutes:

- ( ) Determination of Best Available Control Technology (BACT)
- ( ) Determination of Prevention of Significant Deterioration (PSD)
- ( ) Compliance with New Source Performance Standards

(14) The permittee shall comply with the following:

- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring

## ATTACHMENT - GENERAL CONDITIONS

instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.

(c) Records of monitoring information shall include:

1. The date, exact place, and time of sampling or measurements;
2. The person responsible for performing the sampling or measurements;
3. The dates analyses were performed;
4. The person responsible for performing the analyses;
5. The analytical techniques or methods used;
6. The results of such analyses.

(15) When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.