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Sent by Electronic mail – Received Receipt Requested

Mr. Timothy J. Ayd
Deputy Assistant Secretary
MPLX Terminals LLC
539 South Main Street
Findlay, Ohio 45840

RE: Project No. 0570080-044-AC
Air Construction Permit
Replacement of Piping System

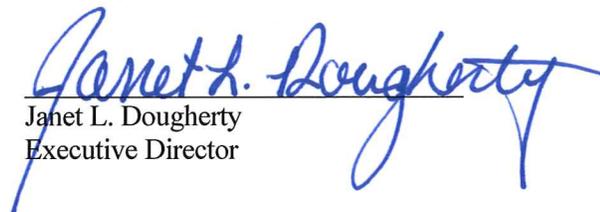
Dear Mr. Ayd:

Based on the permit application received on August 12, 2016, this permit is being issued concurrently with DRAFT/PROPOSED Title V Revision Permit No. 0570080-045-AV in order to replace part of the existing underground piping system with a new aboveground piping system. This project includes the combined public notice for both permits. The existing facility is located in Hillsborough County at 425 South 20th Street, Tampa, Florida, 33605.

Enclosed are the following documents: the Technical Evaluation and Preliminary Determination; the Draft Permit; the Written Notice of Intent to Issue Air Permit; and the combined Public Notice of Intent to Issue Air Permit. The combined 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.

Executed in Hillsborough County, Florida.

Sincerely,


Janet L. Dougherty
Executive Director

Enclosures

JLD/KRZ/krz



TECHNICAL EVALUATION

&

PRELIMINARY DETERMINATION

APPLICANT

MPLX Terminals LLC
MPLX Terminals LLC – Tampa Terminal
425 South 20th Street
Tampa, FL 33605
Facility ID No. 0570080

PROJECT

Project No. 0570080-044-AC
Application for Minor Source Air Construction Permit
Replacement of Piping System

COUNTY

Hillsborough County, Florida

PERMITTING AUTHORITY

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

September 14, 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

MPLX Terminals LLC – Tampa Terminal is a bulk gasoline terminal that stores and handles petroleum products and petroleum product additives and is categorized under Standard Industrial Classification Code No. 5171 – Petroleum Bulk Stations and Terminals. The existing facility is located in Hillsborough County at 425 South 20th Street, Tampa, FL 33605.

The UTM coordinates of the existing facility are Zone 17, 358.54 km East, and 3091.79 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 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 is being issued concurrently with DRAFT/PROPOSED Title V Revision Permit No. 0570080-045-AV in order to replace part of the existing underground piping system with a new aboveground piping system. This project includes the combined public notice for both permits.

Processing Schedule

August 12, 2016 – Received the permit application.

Not Applicable - Requested additional information.

August 12, 2016 - Application Complete.

2. PROJECT REVIEW

The AC permit is being issued concurrently with the Title V revision permit to replace part of the underground piping system with a new aboveground piping system, which will be attached to an existing bridge that traverses the railroad tracks along the North 19th Street inside of the facility. The piping system conveys various petroleum products between the barge loading area and the storage tank farm area.

The emissions from the facility-wide piping, valves, and meter equipment associated with the transferring of product to the loading racks, storage tanks and from the denatured ethanol off-loading station are reflected under EU 016 - Equipment Leaks. The installation of the new piping system will involve the addition of 22 new valves and 94 new flanges and connectors and will result in a minor increase of VOC emissions of 0.02 TPY. The VOC PTE emissions for this EU are 7.2 TPY and it is regulated under 40 CFR 63, Subpart R (NESHAP for Bulk Gasoline Terminals and Pipeline Breakout Stations).

This facility is a bulk gasoline terminal that stores and handles petroleum products and petroleum product additives. Gasoline, ethanol, distillates, and asphalt products are received via barge or tanker and stored in above ground storage tanks. All of the products are subsequently loaded into trucks for shipment offsite or can also be delivered into the pipeline owned by Central Florida Pipeline. The operations at this facility include 29 permitted storage tanks; an asphalt heater; a barge loading operation; and two truck loading racks (each loading rack consists of five loading bays, and each loading bay has six loading arms), whose emissions are controlled by two Vapor Recovery Units (VRUs), Jordan Technologies Units, Model Nos. JOR JT4-11089-2X7240, and a R. A. Nichols Vapor Combustor Unit (RANE VCU), Model No. 8E27DB, Serial No. E24/B14. Each VRU contains two activated carbon beds and regeneration equipment. The RANE VCU is the backup control device for the VRUs in case of equipment malfunction or maintenance activities.

The facility is a major source of VOC with a facility-wide VOC PTE of 205.6 TPY and an area source of HAP emissions. However, the facility is not subject to 40 CFR 63, Subpart BBBBBB (Area Source NESHAP for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities), since the facility has been subject to 40 CFR 63, Subpart R (NESHAP for Gasoline Distribution Facilities), and Rule 62-296.510, F.A.C. (Bulk Gasoline Terminals) for the permitted handling of MTBE in past years. Therefore, Subpart R still applies to the loading rack and the gasoline storage tanks based on the EPA NESHAP Subpart R Applicability Determination letter dated September 10, 2008 (Control Number: M090005).

Also, the loading rack is subject to 40 CFR 60, Subpart XX (NSPS for Bulk Gasoline Terminals), and the Asphalt Heater is subject to 40 CFR 63, Subpart DDDDD (NESHAP for Industrial/Commercial/Institutional Boilers and Process Heaters). Storage Tank No. 80-19 is subject to 40 CFR 60, Subpart Ka (NSPS for Storage Vessels for Petroleum Liquids). Storage Tank Nos. 30-13, 54-22, 55-10, 55-14, 96-06 and 96-17 are subject to 40 CFR 60 Subpart Kb (NSPS for Volatile Organic Liquid

Storage Vessels. All gasoline floating roof group tanks are subject to Rule 62-296.508, F.A.C. (Petroleum Liquid Storage).

Summary of Facility-Wide Potential Emissions

Emission Unit (EU) No.	EU Description	Regulated Pollutant	Potential Emissions (tons/yr)
016 ⁽¹⁾	Equipment Leaks	VOC	7.2
	Facility-wide	VOC	205.6

⁽¹⁾ This modification will result in a minor increase of VOC emissions of 0.02 TPY, due to the addition of (22) new valves and (94) new flanges and connectors.

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

Rule 62-296.510, F.A.C. - Bulk Gasoline Terminals

Federal NSPS Provisions

40 CFR 60 - Subpart Ka, Subpart Kb, Subpart XX and Subpart IIII

Federal NESHAP Provisions

40 CFR 63 - Subpart DDDDD, Subpart R, Subpart Y and Subpart ZZZZ

3. PRELIMINARY DETERMINATION

The Environmental Protection Commission of Hillsborough County (EPC) 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. Roger Zhu is the project engineer responsible for reviewing the application and drafting the permit. Additional details of this analysis may be obtained by contacting Roger Zhu or Diana M. Lee, P.E. Chief, Air Permitting, at (813) 627-2600 or by email at zhu@epchc.org or lee@epchc.org.

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Water Management Sam Elrabi, P.E.
Wetlands Management Kelly Bishop

PERMITTEE:

MPLX Terminals LLC
539 South Main Street
Findlay, Ohio 45840

Air Permit No. 0570080-044-AC
Permit Expires: 10/15/2018
Minor Air Construction Permit

Authorized Representative:

Timothy J. Aydt, Deputy Assistant Secretary

MPLX Terminals LLC – Tampa Terminal
Replacement of Piping System

This permit is being issued concurrently with DRAFT/PROPOSED Title V Revision Permit No. 0570080-045-AV in order to replace part of the existing underground piping system with a new aboveground piping system. Permit No. 0570080-045-AV includes the combined public notice for both permits. This permit is 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, FL 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 Hillsborough County, Florida.

ENVIRONMENTAL PROTECTION
COMMISSION OF HILLSBOROUGH COUNTY

DRAFT

Janet L. Dougherty
Executive Director

Environmental Excellence in a Changing World

Roger P. Stewart Center

3629 Queen Palm Drive, Tampa, FL 33619 - (813) 627-2600 - www.epchc.org

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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 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) was sent by electronic mail (or a link to these documents made available electronically on a publicly accessible server) with received receipt requested or by certified mail before the close of business on the date indicated below to the persons listed below.

Timothy J. Ayd, MPLX Terminals LLC (tjaydt@marathonpetroleum.com)
William F. Karl, P.E., ECT, Inc. (bkarl@ectinc.com)
Robert Jarabeck, Marathon Petroleum Company LP (rjarabeck@marathonpetroleum.com)
Thomas G. Leigh, MPLX Terminals LLC (tgleigh@marathonpetroleum.com)
Barbara Friday, BAR [barbara.friday@dep.state.fl.us] (for posting with Region 4, U.S. EPA)

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)

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SECTION 1. GENERAL INFORMATION

Facility Description.

This facility is a bulk gasoline terminal that stores and handles petroleum products and petroleum product additives. Gasoline, ethanol, distillates, and asphalt products are received via barge or tanker and stored in above ground storage tanks. All of the products are subsequently loaded into trucks for shipment offsite or can also be delivered into the pipeline owned by Central Florida Pipeline. The operations at this facility include 29 permitted storage tanks; an asphalt heater; a barge loading operation; and two truck loading racks (each loading rack consists of five loading bays, and each loading bay has six loading arms), whose emissions are controlled by two Vapor Recovery Units (VRUs), Jordan Technologies Units, Model Nos. JOR JT4-11089-2X7240, and a R. A. Nichols Vapor Combustor Unit (RANE VCU), Model No. 8E27DB, Serial No. E24/B14. Each VRU contains two activated carbon beds and regeneration equipment. The RANE VCU is the backup control device for the VRUs in case of equipment malfunction or maintenance activities.

The storage tanks (EUs 012, 013, 014, and 015) include the gasoline floating roof group tanks, diesel fixed roof group tanks, additive group tanks, and transmix tanks. Each tank group is subject to various operating restrictions such as throughput, products stored, and product vapor pressure. Denatured ethanol is permitted to be stored in the gasoline floating roof group tanks as described below. Equipment Leaks (EU 016) include the fugitive leaks from equipment (e.g., valves, pumps, connectors) in gasoline service and this EU is subject to monthly leak inspections. The Asphalt Heater (EU 019) is a 9.6 MMBtu/hr asphalt heater that is used to heat four asphalt cement tanks and two additive tanks and this EU is subject to opacity and fuel throughput restrictions. Barge loading (E.U. 020) includes the loading of "off-spec" product into marine vessels and this EU is subject to a product throughput restriction.

Denatured ethanol is a blend comprised of 95 percent ethanol and 5 percent gasoline. Ethanol has a significantly lower vapor pressure than gasoline resulting in a relatively low vapor pressure for the denatured ethanol blend. The maximum monthly vapor pressure for the denatured ethanol blend is 1.22 pounds per square inch absolute (psia). Denatured ethanol is received by tank truck and off-loaded at a dedicated denatured ethanol off-load station. The denatured ethanol is then transferred to the existing gasoline floating roof group tanks. Storage of denatured ethanol in the gasoline floating roof group tanks has been authorized by the Title V permit since denatured ethanol is a volatile organic liquid that has a true vapor pressure that is equal to or lower than gasoline. From the gasoline floating roof group tanks, the denatured ethanol is transferred to the existing loading racks where it is blended with gasoline (at an approximately ratio of 10% denatured ethanol to 90% gasoline) and loaded into tank trucks for off-site deliveries.

The facility is a major source of VOC with a facility-wide VOC PTE of 205.6 TPY and an area source of HAP emissions. However, the facility is not subject to 40 CFR 63, Subpart BBBB (Area Source NESHAP for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities), since the facility has been subject to 40 CFR 63, Subpart R (NESHAP for Gasoline Distribution Facilities), and Rule 62-296.510, F.A.C. (Bulk Gasoline Terminals) for the permitted handling of MTBE in past years. Therefore, Subpart R still applies to the loading rack and the gasoline storage tanks based on the EPA NESHAP Subpart R Applicability Determination.

Also, the loading racks are subject to 40 CFR 60, Subpart XX - Standards of Performance for Bulk Gasoline Terminals, and the Asphalt Heater is subject to 40 CFR 63, Subpart DDDDD – National Emission Standard for Hazardous Air Pollutants for Industrial/Commercial/Institutional Boilers and Process Heaters. Storage Tank No. 80-19 is subject to 40 CFR 60, Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids. Storage Tank Nos. 30-13, 54-22, 55-10, 55-14, 96-06 and 96-17 are 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. All gasoline floating roof group tanks are subject to Rule 62-296.508, F.A.C. - Petroleum Liquid Storage.

SECTION 1. GENERAL INFORMATION

Summary of Emissions Unit.

EU No.	Brief Description
<i>Regulated Emissions Units</i>	
016	Equipment Leaks

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SECTION II. FACILITY-WIDE CONDITIONS

The following conditions apply facility-wide to all emission units and activities:

FW1. Not federally Enforceable. Objectionable Odor Prohibited. No person shall cause, suffer, allow or permit the discharge of air pollutants, which cause or contribute to an objectionable odor. An “objectionable odor” means any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance. [Rule 62-296.320(2) and 62-210.200(Definitions), F.A.C.; and EPCHC Rule 1-3.22(3)]

FW2. General Particulate Emission Limiting Standards. General Visible Emissions Standard. Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20 percent opacity). EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C. [Rule 62-296.320(4)(b)1. & 4., F.A.C.]

FW3. As requested by the permittee, in order to limit the potential to emit for Hazardous Air Pollutants (HAP), the following potential emission limitations shall apply for any 12 consecutive month period: [Rules 62-210.200(245) and 62-4.070(3), F.A.C., Permit Nos. 0570080-038/043-AC]

- (a) The 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.
- (b) The permittee shall not handle gasoline oxygenated using MTBE.

FW4. General Pollutant Emission Limiting Standards. Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions. The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds (VOC) or organic solvents (OS) without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department or its delegated agent, the Environmental Protection Commission of Hillsborough County. [Rule 62-296.320(1), F.A.C.]

- (a) Maintaining tightly fitting covers, lids, etc., on all containers when they are not being handled, tapped, etc.
- (b) Where possible and practical, procuring/fabricating a tightly fitting cover for any open trough, basin, etc., of VOC so that it can be covered when not in use.
- (c) Immediately attending to all spills/waste as appropriate.

FW5. Emissions of Unconfined Particulate Matter. Pursuant to Rules 62-296.320(4)(c)1., 3. & 4., F.A.C., reasonable precautions to prevent emissions of unconfined particulate matter at this facility include the following requirements: [Rule 62-296.320(4)(c), F.A.C.]

- (a) Maintenance of parking areas and yards.
- (b) Removal of particulate matter from paved areas, building, and work areas under the control of the owner/operator.
- (c) Reduce vehicular speed. Post limits, if necessary.

FW6. Certification by Responsible Official (RO). In addition to the professional engineering certification required for applications by Rule 62-4.050(3), F.A.C., any application form, report, compliance statement, compliance plan and compliance schedule submitted pursuant to Chapter 62-213, F.A.C., shall contain a certification signed by a responsible official that, based on information and belief formed after reasonable inquiry,

SECTION II. FACILITY-WIDE CONDITIONS

the statements and information in the document are true, accurate, and complete. Any responsible official who fails to submit any required information or who has submitted incorrect information shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary information or correct information. [Rule 62-213.420(4), F.A.C.]

FW7. When the Environmental Protection Commission of Hillsborough County (EPC) after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable requirement or permit condition is being violated, it may require the owner or operator of the source to conduct compliance tests which identify the nature and quantity of pollutant emissions from the source and to provide a report on the results of said tests to the Environmental Protection Commission of Hillsborough County. [Rules 62-297.310(7)(b) and 62-4.070(3), F.A.C.]

FW8. At least 15 days prior to the date on which each required emissions test is to begin, the owner or operator shall notify the EPC, unless shorter notice is agreed to by the EPC. The notification shall include the date, time, place of each such test, Facility ID Number, Emission Unit ID Number(s) and description(s), Emission Point Number(s) and description(s), test method(s), pollutant(s) to be tested, along with the name and telephone number of the person who will be responsible for conducting such test(s) for the owner or operator. If a scheduled emissions test needs to be re-scheduled, the owner or operator shall submit to the EPC a revised notification at least seven days prior to the re-scheduled emissions test date or arrange a re-scheduled test date with the EPC by mutual agreement. [Rule 62-297.310(9), F.A.C.]

FW9. Electronic Annual Operating Report and Title V Annual Emissions Fees. The information required by the Annual Operating Report for Air Pollutant Emitting Facility [Including Title V Source Emissions Fee Calculation] (DEP Form No. 62-210.900(5)) shall be submitted by April 1 of each year, for the previous calendar year, to the Department of Environmental Protection's Division of Air Resource Management. Each Title V source shall submit the annual operating report using the DEP's Electronic Annual Operating Report (EAOR) software, unless the Title V source claims a technical or financial hardship by submitting DEP Form No. 62-210.900(5) to the DEP Division of Air Resource Management instead of using the reporting software. Emissions shall be computed in accordance with the provisions of subsection 62-210.370(2), F.A.C. Each Title V source must pay between January 15 and April 1 of each year an annual emissions fee in an amount determined as set forth in subsection 62-213.205(1), F.A.C. The annual fee shall only apply to those regulated pollutants, except carbon monoxide and greenhouse gases, for which an allowable numeric emission-limiting standard is specified in the source's most recent construction permit or operation permit. Upon completing the required EAOR entries, the EAOR Title V Fee Invoice can be printed by the source showing which of the reported emissions are subject to the fee and the total Title V Annual Emissions Fee that is due. The submission of the annual Title V emissions fee payment is also due (postmarked) by April 1st of each year. A copy of the system-generated EAOR Title V Annual Emissions Fee Invoice and the indicated total fee shall be submitted to: Major Air Pollution Source Annual Emissions Fee, P.O. Box 3070, Tallahassee, Florida 32315-3070. Additional information is available by accessing the Title V Annual Emissions Fee On-line Information Center at the following Internet web site: <http://www.dep.state.fl.us/air/emission/tvfee.htm>. [Rules 62-210.370(3), 62-210.900 & 62-213.205, F.A.C.; and, §403.0872(11), Florida Statutes (2013).]

FW10. 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.

SECTION II. FACILITY-WIDE CONDITIONS

*Not applicable to routine maintenance, repair, or replacement of component parts of an air emissions unit.

FW11. 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. [Hillsborough County Environmental Protection Act, Section 16, Chapter 84-446, Laws of Florida, as Amended.]

FW12. 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.]

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SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection A. This section addresses the following emissions unit.

EU No.	Brief Description
016	Equipment Leaks

This emission unit includes piping, valves, and meter equipment associated with the transferring of products to the loading racks, storage tanks and from the denatured ethanol off-loading station. The piping system will go aboveground, which will be attached to an existing bridge that traverses the railroad tracks along the North 19th Street inside of the facility.

A.1. The following conditions apply to the NESHAP emissions unit identified above: 40 CFR 63, Subpart A - General Provisions. [Rule 62-204.800(10)(d), F.A.C., and 40 CFR 63.420(h)]

A.2. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hours/year. [Rules 62-4.160(2), F.A.C., 62-210.200, F.A.C., Permit No. 0570080-024-AC and Application Nos. 0570080-44/45-AC/AV]

A.3. The permittee shall perform a monthly leak inspection of all equipment in gasoline service. For this inspection, detection methods incorporating sight, sound, and smell are acceptable. Each piece of equipment shall be inspected during the loading of a gasoline cargo tank. [40 CFR 63.424(a) and Permit No. 0570080-024-AC]

A.4. A log book shall be used and shall be signed by the permittee at the completion of each inspection. A section of the log shall contain a list, summary description, or diagram(s) showing the location of all equipment in gasoline service at the facility. [40 CFR 63.424(b) and Permit No. 0570080-024-AC]

A.5. Each detection of a liquid or vapor leak shall be recorded in the log book. When a leak is detected, an initial attempt at repair shall be made as soon as practicable, but no later than 5 calendar days after the leak is detected. Repair or replacement of leaking equipment shall be completed within 15 calendar days after detection of each leak, except as provided in Specific Condition A.7. [40 CFR 63.424(c) and Permit No. 0570080-024-AC]

A.6. Delay of repair of leaking equipment will be allowed upon a demonstration to the Environmental Protection Commission of Hillsborough County that repair within 15 days is not feasible. The permittee shall provide the reason(s) a delay is needed and the date by which each repair is expected to be completed. [40 CFR 63.424(d) and Permit No. 0570080-024-AC]

A.7. The permittee shall not allow gasoline to be handled in a manner that would result in vapor releases to the atmosphere for extended periods of time. Measures to be taken include, but are not limited to, the following:

- (a) Minimize gasoline spills;
- (b) Clean up spills as expeditiously as practicable;
- (c) Cover all open gasoline containers with a gasketed seal when not in use;
- (d) Minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators.

[40 CFR 63.424(g) and Permit No. 0570080-024-AC]

A.8. The permittee shall record the following information in the log book for each leak that is detected:

- (a) The equipment type and identification number,
- (b) The nature of the leak (i.e., vapor or liquid) and the method of detection (i.e., sight, sound, or smell),
- (c) The date the leak was detected and the date of each attempt to repair the leak,

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

- (d) Repair methods applied in each attempt to repair the leak,
- (e) "Repair delayed" and the reason for the delay if the leak is not repaired within 15 calendar days after discovery of the leak,
- (f) The expected date of successful repair of the leak if the leak is not repaired within 15 days, and
- (g) The date of successful repair of the leak.

[40 CFR 63.428(e) and Permit No. 0570080-024-AC]

A.9. The permittee shall report to the Environmental Protection Commission of Hillsborough County a description of the types, identification numbers, and locations of all equipment in gasoline service. The report shall be submitted with the notification of compliance status required under Section 40 CFR 63.9(h), unless an extension of compliance is granted under 40 CFR 63.6(i). If an extension of compliance is granted, the report shall be submitted on a date scheduled by the Environmental Protection Commission of Hillsborough County. [40 CFR 63.428(f) and Permit No. 0570080-024-AC]

A.10. Semiannual Report. The permittee shall include in a semiannual report to the Environmental Protection Commission of Hillsborough County the following information, as applicable: The number of equipment leaks not repaired within 5 days after detection. [40 CFR 63.428(g)(3)]

A.11. Excess Emissions Report. The permittee shall submit an excess emissions report to the Environmental Protection Commission of Hillsborough County in accordance with 40 CFR 63.10(e)(3), whether or not a CMS is installed at the facility. The following occurrences are excess emissions events under 40 CFR 63, Subpart R, and the following information shall be included in the excess emissions report as applicable:

- (a) For each occurrence of an equipment leak for which no repair attempt was made within 5 days or for which repair was not completed within 15 days after detection:
 - (1) The date on which the leak was detected,
 - (2) The date of each attempt to repair the leak,
 - (3) The reasons for the delay of repair, and
 - (4) The date of successful repair.

[40 CFR 63.428(h)(4) and Permit No. 0570080-024-AC]