

## FINAL DETERMINATION

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### **1. PERMITTEE**

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

### **2. PERMITTING AUTHORITY**

Environmental Protection Commission of Hillsborough County (EPC)  
3629 Queen Palm Dr.  
Tampa, Florida 33619

### **3. PROJECT**

Air Permit No. 0570080-044-AC  
Minor Air Construction Permit

The air construction permit was issued concurrently with the Title V revision 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.

### **4. NOTICE AND PUBLICATION**

The EPC distributed a draft minor air construction permit package on September 14, 2016. The applicant published the Public Notice in the La Gaceta on September 23, 2016. The EPC received the proof of publication on September 23, 2016. No requests for administrative hearings or requests for extensions of time to file a petition for administrative hearing were received.

### **5. COMMENTS**

No comments on the Draft Permit were received from the public or the applicant.

### **6. CONCLUSION**

The final action of the EPC is to issue the permit as drafted.

**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

**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

**PROJECT**

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.

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 Hillsborough County, Florida.

ENVIRONMENTAL PROTECTION  
COMMISSION OF HILLSBOROUGH COUNTY

  
Janet L. Dougherty  
Executive Director

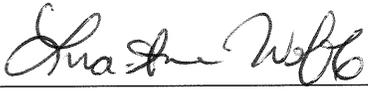
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**CERTIFICATE OF SERVICE**

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. Aydt, 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)

10/10/2016  
(Date)

## SECTION 1. GENERAL INFORMATION

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### **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 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.

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**

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**Summary of Emissions Unit.**

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

## SECTION II. FACILITY-WIDE CONDITIONS

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**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

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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 1<sup>st</sup> 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

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\*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.]

### 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.

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- (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]

