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PERMITTEE:

MPLX Terminals LLC
539 South Main Street
Findlay, Ohio 45840

Air Permit No. 0570080-043-AC
Permit Expires: 5/1/2017
Minor Air Construction Permit

Authorized Representative:

Timothy J. Aydt, Deputy Assistant Secretary

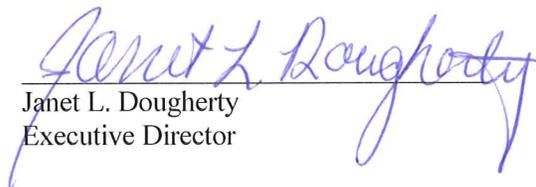
MPLX Terminals LLC – Tampa Terminal
Removal of Facility-wide PTE Limit

This permit is being issued concurrently with DRAFT/PROPOSED Title V Renewal Permit No. 0570080-041-AV in order to remove the facility-wide VOC PTE limit from the renewal permit. Permit No. 0570080-041-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


Janet L. Dougherty
Executive Director

DRAFT PERMIT

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Written Notice of Intent to Issue Air Permit package (including the 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)
Thomas G. Leigh, MPLX Terminals LLC (tgleigh@marathonpetroleum.com)
William F. Karl, P.E., ECT, Inc. (bkarl@ectinc.com)
Danielle Hall, P.E., ECT, Inc. (dhall@ectinc.com)

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.

Michele Mistake
(Clerk)

May 24, 2016
(Date)

FINAL DETERMINATION

1. PERMITTEE

Timothy J. Aydt
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. 0570080-043-AC
Minor Air Construction Permit

The air construction permit was issued concurrently with the Title V renewal to remove the facility-wide VOC and MTBE PTE limits from the Permit Conditions in the Title V Operating Permit. The facility-wide PTE are only reflected in the facility's process description.

4. NOTICE AND PUBLICATION

The EPC distributed a draft minor air construction permit package on April 28, 2016. The applicant published the Public Notice in the La Gaceta on May 5, 2016. The EPC received the proof of publication on May 10, 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.

SECTION 1. GENERAL INFORMATION (DRAFT)

Facility Description.

This facility is a bulk 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 Tampa Terminal is a major source of VOC and an area source of HAP emissions due to the removal of MTBE from this permit renewal as requested by the facility. The facility is subject to Rule 62-296.510, F.A.C. - Bulk Gasoline Terminals, and is also subject to 40 CFR 63, Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations). However, this facility is exempt from 40 CFR 63 Subpart BBBBBB (Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities) pursuant to 40 CFR 63.11081(a)(1), since the facility is subject to 40 CFR 63 Subpart R. 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.

Also included in this permit are miscellaneous unregulated/insignificant emissions units and/or activities, which are listed in Appendix I, List of Insignificant Emissions Units and/or Activities.

SECTION 1. GENERAL INFORMATION (DRAFT)

Summary of Emissions Units.

EU No.	Brief Description
<i>Regulated Emissions Units</i>	
001	2 Truck Loading Racks
012	Gasoline Floating Roof Group Tanks
013	Diesel Fixed Roof Group Tanks
014	Additive Group Tanks
015	Transmix Tanks
016	Equipment Leaks
019	Asphalt Heater
020	Barge Loading
021	Cummins Diesel Fuel Emergency Generator (EG-S)
022	Cummins Diesel Fuel Emergency Generator (EG-W)
023	John Deere Diesel Fuel Water Pump (PowerTech 4045T)

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-AC, and Title V Permit Renewal Application Submitted February 11, 2016]

- (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,

SECTION II. FACILITY-WIDE CONDITIONS

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, 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.

SECTION II. FACILITY-WIDE CONDITIONS

B) Installation or addition of any equipment* which is a source of air pollution.

*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.]