

STATEMENT OF BASIS

Title V Air Operation Permit Revision
Marathon petroleum Company, LP.
PROPOSED Permit No. : 0110048-016-AV

APPLICANT

The applicant for this project is Marathon Petroleum Company LP and the responsible official and mailing address is: Ms. Angela S. Brown, Deputy Assistant Secretary, Marathon Petroleum Terminals, and LP. 539 S. Main Street, Findlay, Ohio 45840.

FACILITY DESCRIPTION

The applicant operates the Spangler Terminal at 909 SE 24th Street, Fort Lauderdale, Broward County, Florida. The facility is a bulk petroleum products and denatured ethanol storage terminal. The primary emission sources of volatile organic compounds (VOC) and hazardous air pollutants (HAPs) are:

- *Floating Roof Storage Tanks* for storing petroleum products and denatured ethanol.
- *Fixed Roof Tanks* for storing additives, denatured ethanol, and petroleum contact water.
- *Loading Rack with Vapor Recovery Unit (VRU) and a Portable Backup Vapor Burner Unit (VBU)* for loading petroleum products, and gasoline/ethanol blend.
- *Piping and Equipment* include: Valves, fittings, and other equipment associated with petroleum products and gasoline/ ethanol blend loading operations.
- *Emergency Generator Engine*

Also included in this permit are miscellaneous insignificant emissions units and/or activities.

PROJECT DESCRIPTION

The purpose of this permit is to revise the Title V Air Operation Permit No. 0110048-014-AV to incorporate the changes requested in construction permit 0110048-015-AC. Included in these changes are: A new internal floating roof (IFR) gasoline/denatured ethanol storage tank (Tank 200-17); increase the facility's maximum annual throughput of gasoline, denatured ethanol and gasoline additives from 550,000,000 gallons per year to 800,000,000 gallons per year; and additives from 410,300 gallons per year to 436,660 gallons per year. Increase in the annual denatured ethanol throughput for the fixed storage tanks from 55,000,000 gallons per year to 70,300,000 gallons per year; and the total products throughput increase from 550,410,360 to 800,436,660. There will not be any changes to the applicable requirements.

PROCESSING SCHEDULE AND RELATED DOCUMENTS

Revised Title V Air Operation permit issued on xx/xx/2015.

Application for a Title V Air Operation Permit Revision received April 14, 2015

PRIMARY REGULATORY REQUIREMENTS

Title III: The facility is a synthetic minor source of HAP.

Title V: The facility is a Title V major source of VOC in accordance with Chapter 62-213, Florida Administrative Code (F.A.C.).

PSD: The facility is a Prevention of Significant Deterioration (PSD) synthetic minor source of air pollution in accordance with Rule 62-212.400, F.A.C.

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NSPS: The facility operates units subject to the New Source Performance Standards (NSPS) of 40 Code of Federal Regulations (CFR) 60.

NESHAP: The facility operates units subject to the National Emissions Standards for Hazardous Air Pollutants (NESHAP) of 40 CFR 63.

CAM: Compliance Assurance Monitoring (CAM) applies to the loading rack with the VRU and the backup VBU.

PROJECT REVIEW

The increase in annual throughput for the facility will result in an increase in potential emissions facility-wide. However, these emissions will remain below the major source (Title V) hazardous air pollutants (HAPs) threshold of 10 tons per year for any single HAP and 25 tons per year for total HAPs. The requested throughput increase and resultant increase in potential emissions of VOC does not trigger any new rule requirement or PSD applicability. Compliance with the facility-wide cap on total throughput will ensure the terminal remains an area source of HAP emissions. No other emission limits or caps are required to ensure the facility remains an area source of HAPs. The requested increase in annual throughput does not require the installation of any new equipment or the modification of any existing equipment.

A construction permit will be issued incorporating the existing rule requirements of the Title V permit 0110048-013-AV issued on October 3, 2014.

CONCLUSION

This project revises the Title V air operation permit, 0110048-014-AV, which was issued on November 11, 2014 in accordance with the provisions of Chapter 403, Florida Statutes (F.S.), and Chapters 62-4, 62-210, 62-213, F.A.C.