

STATEMENT OF BASIS

Title V Air Operation Permit Revision
Marathon petroleum Company, LP.
DRAFT/PROPOSED Permit No. : 0110048-014-AV

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

Project Description: The purpose of this permit is to revise the TV operation permit, 0110048-012-AV of the Spangler Terminal issued on June 18, 2014. This permit includes the changes requested in the construction permit and TV permit revision application submitted on August 15, 2014. The terminal requested an increase in the facility's maximum annual throughput of gasoline, denatured ethanol and additives. Also, the facility requested an increase in the annual denatured ethanol throughput through the fixed storage tanks from 48,000,000 gallons per year to 55,000,000 gallons per year.

Facility Description: The applicant operates the Spangler Terminal, which is located 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.

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.

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) does apply to the loading rack with the VRU and the backup VBU.

Project Review

The increase in throughput for the facility will result in an increase in potential emissions facility-wide. However, the facility-wide potential emissions will remain well 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 potential emissions of volatile organic compounds (VOC) emissions increase from ## tons per year to ## tons per year. However, the requested increase in annual throughput and 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. Also, this requested increase in annual throughput does not require the installation of any new equipment or the modification of any existing equipment.

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A construction permit will be issued with the existing rule requirement of the TV permit 0110048-012-AV issued on June 18, 2014. The permittee requested a concurrent AC/AV revision to expedite the issuance of the construction permit. No additional changes are included in this permit.

Conclusion

This Title V air operation permit rerevision is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Chapters 62-4, 62-210, 62-213 and 214, F.A.C. In accordance with the terms and conditions of this permit, the above named permittee is hereby authorized to operate the facility as shown on the application and approved drawings, plans, and other documents, on file with the permitting authority.