TECHNICAL EVALUATION
AND
PRELIMINARY DETERMINATION

I. GENERAL INFORMATION

A. APPLICANT

NuStar Terminals Operations Partnership, L.P.
NuStar Jacksonville Terminal
6531 Evergreen Avenue
Jacksonville, FL 32208

Permit No. 0310028-018-AC
County: Duval

B. PROJECT

On August 11, 2008, NuStar Terminals Operations Partnership. L.P. submitted an application for a permit for the modification of the loading rack operations (Emission Unit Nos. 023 and 034) and four existing internal floating roof tanks (Emission Unit No. 042) to include the receipt, loading and storage of ethanol and other lower vapor pressure fuel products. Tank No. 6622 will be modified with a liner and seals for storing ethanol. The emissions from ethanol loading will be controlled by the existing vapor combustor on each loading rack. No additional loading spots will be added to the truck loading racks. NuStar Terminals Operations Partnership. L.P., Jacksonville Terminal is located at 6531 Evergreen Avenue, Jacksonville, FL 32208.

II. RULE APPLICABILITY

The facility is located in an area designated as attainment for the air pollutant sulfur dioxide (effective March 8, 1999), as unclassifiable for the air pollutant particulate matter less than or equal to ten (10) micrometers, and an air quality maintenance area for air pollutants particulate matter and ozone pursuant to Rule 62-204, Florida Administrative Code (FAC), and Rule 2.201, Jacksonville Environmental Protection Board (JEPB).

The facility is a major source of air pollution because the potential emissions of regulated air pollutants are greater than 100 tons per year pursuant to Rule 62-210.200, FAC, and JEPB Rule 2.301.

The facility is a synthetic minor source of Hazardous Air Pollutants (HAP) because the operational limit assumed by the owner will limit the potential emissions to less than 10 tons per year for a single HAP and less than 25 tons per year for total HAPs pursuant to Rule 62-210.200, FAC, and Rule 2.301, JEPB.

The project shall be subject to 40 CFR 60, Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels, 40 CFR 60, Subpart XX, Standards of Performance for Bulk Gasoline Terminals, and 40 CFR 60, Subpart A, General Provisions.

III. TECHNICAL EVALUATION

Emissions Unit No. 023 - Loading Rack Operation Annex I
The loading rack operation will include the addition of ethanol and/or gasoline/ethanol blends or lower vapor pressure VOL products. The emissions from the loading of these products will be controlled by the existing vapor combustor on the loading rack. No additional loading spots will be added to the truck loading rack. One lane at the loading rack may also be used for the receipt of ethanol by truck.

This emissions unit is allowed to operate continuously, i.e., 8,760 hours per year.

The maximum throughput rate shall not exceed 360,000 gallons per hour and 300.0 x 10^6 gallons per year.

Total organic compounds (TOC) emissions shall not exceed 43.80 tons per year @ 35 milligrams per liter.

40 CFR 60, Subpart XX, Standards of Performance for Bulk Gasoline Terminals, and 40 CFR 60, Subpart A, General Provisions, Reporting Requirements, Notification Requirements, and Standards of Performance shall apply to the source described herein.

Testing for demonstration of compliance shall be performed in accordance with EPA RM 25A/25B (as described in 40 CFR 60, Appendix A) for total organic compounds.

Emissions Unit No. 034 - Loading Rack Operation Annex II
The loading rack operation will include the addition of ethanol and/or gasoline/ethanol blends or lower vapor pressure VOL products. The emissions from the loading of these products will be controlled by the existing vapor combustor on the loading rack. No additional loading spots will be added to the truck loading rack. One lane at the loading rack may also be used for the receipt of ethanol by truck.

This emissions unit is allowed to operate continuously, i.e., 8,760 hours per year.

The maximum throughput rate shall not exceed 225,000 gallons per hour and 600.0 x 10^6 gallons per year.

Total organic compounds (TOC) emissions shall not exceed 87.62 tons per year @ 35 milligrams per liter.

40 CFR 60, Subpart XX, Standards of Performance for Bulk Gasoline Terminals, and 40 CFR 60, Subpart A, General Provisions, Reporting Requirements, Notification Requirements, and Standards of Performance shall apply to the source described herein.

Testing for demonstration of compliance shall be performed in accordance with EPA RM 25A/25B (as described in 40 CFR 60, Appendix A) for total organic compounds.

Emissions Unit No. 042 - Internal Floating Roof Tanks - Subpart Kb
Tank No. 6622 will be modified with a new tank liner and seals for storing up to 100% ethanol and other lower vapor pressure fuel products. Tank Nos. 231, 335, 4628, 6001, 6622, 11001, 15001 and 15002 may also store gasoline, aviation gasoline, and/or gasoline ethanol blends or lower vapor pressure petroleum products.

This emissions unit is allowed to operate continuously, i.e., 8,760 hours per year.

40 CFR 60, Subpart Kb, Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984, shall apply to the emission unit described herein. Applicable portions of Subpart A, General Provisions shall apply to the emission unit described herein.

IV. CONCLUSION

Based upon information provided by NuStar Terminals Operations Partnership L.P., the Department has reasonable assurance that the proposed construction and modifications, as described in this evaluation and subject to the conditions proposed herein, will not cause, or contribute to a violation of any ambient air quality standard or other technical provision of Chapters 62-296 and 62-297, FAC, JEPB Rules 2.1001 and 2.1101.