

TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

I. GENERAL INFORMATION

A. APPLICANT

Center Point Terminal Company
3101 Talleyrand Avenue
Jacksonville, FL 32206

Draft Permit No: 0310562-001-AC
County: Duval

B. PROJECT

The applicant, Center Point Terminal Company, applied on April 24, 2008 to the Department for a permit for the construction of a bulk fuels terminal. Nine storage vessels will be constructed with internal floating roofs, four fixed roof additive tanks will be constructed, one fixed roof slop tank will be constructed, and a three bay (twelve arm) tank truck loading rack will be constructed for fuel disbursement. Fuel products will be unloaded from barges, rail cars, and/or tankers. Various fuels will include gasolines, gasoline blends, ethanol, aviation fuels, distillate fuel oils, and/or other non-petroleum fuel products. Center Point Terminal Company, Jacksonville North Terminal, is located at 3101 Talleyrand Avenue, Jacksonville, FL 32206.

II. RULE APPLICABILITY

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

Emission Unit No. 001 (Storage Vessel Nos. 81-1 through 81-7, 10-8, and 24-9) are subject to 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. During periods that a vessel or vessels store distillate petroleum products or fuel additives the applicable rule requirement shall be Rule 62-296.320(1)(a), FAC, and Rule 2.1001, JEPB. Emission Unit No. 002, Tank Truck Loading Rack, is subject to New Source Performance Standards, 40 CFR 60, Subpart XX, Standards of Performance for Bulk Gasoline Terminals, and Applicable portions of 40 CFR 60, Subpart A, General Provisions are subject to both emission units. Horizontal additive storage vessel nos. 110, 111, 112, and 113, and the fixed roof slop vessel no. 114 are considered exempt emission units. The facility shall be subject to the following subpart: 40 CFR 63, Subpart BBBBBB, National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities and applicable provisions of 40 CFR 63, Subpart A, General Provisions. The facility is a synthetic minor source of air pollution because the potential emissions of regulated air pollutants are restricted to less than 100 tons per year pursuant to Chapter 62-210, FAC, and JEPB Rule 2.301. The facility is a synthetic minor source of hazardous air pollutants (HAP) because the potential emissions are restricted 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, FAC, and JEPB, Rule 2.301.

Note: The above referenced Subpart BBBBBB was proposed on November 9, 2006 and was promulgated on January 10, 2008. All required reports, notifications, and correspondence should be sent to the Environmental Protection Agency **and** the Department (Environmental Quality Division) at the addresses listed in Permit No. 0310562-001-AC, Section II., Facility Wide Conditions, Subsection B., Specific Conditions, Specific Condition Nos. 14 and 15. All required reports, notifications, and correspondence should be mailed in accordance with the timelines and requirements specified in 40 CFR, Part 63, Subpart A and 40 CFR, Part 63, Subpart BBBBBB.

III. TECHNICAL EVALUATION

Facility throughput shall be limited to 230,000,000 gallons per year of fuel . Estimated VOC emissions are based upon this restricted throughput limit.

<u>EU No.</u>	<u>EU Description</u>	<u>Control Device</u>
001	Nine (9) fuel storage vessels	Internal Floating Roof(s) with mechanical shoe seals

This EU (each vessel) is allowed to operate continuously, i.e., 8,760 hours per year.

Volatile Organic Compound (VOC) emissions shall be controlled through the use of an internal floating roof with mechanical shoe seals on each storage vessel. Maximum estimated VOC emissions while storing gasoline is 50.7 tons per year (TPY).

<u>EU No.</u>	<u>EU Description</u>	<u>Control Device</u>
002	Three (3) Bay, Twelve Arm, Tank Truck Loading Rack	Vapor Combustor

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

Maximum allowable VOC emissions shall be 33.35 TPY. VOC emissions shall be controlled through the use of a vapor combustor. Maximum estimated potential VOC emissions while loading gasoline are 48.2 TPY.

Maximum estimated VOC emissions from the exempt activities are 0.05 TPY.

Total facility estimated maximum VOC emissions are 99.2 TPY.

IV. CONCLUSION

Based upon information provided by Center Point Terminal Company, the Department has reasonable assurance that the proposed construction of the bulk fuels terminal, as described in the application 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, Rules 2.1001 and 2.1101, JEPB.