TECHNICAL EVALUATION

AND

PRELIMINARY DETERMINATION

I. GENERAL INFORMATION

A. APPLICANT

TRANSFLO Terminal Services, Inc.
6735 Southpoint Drive South
Jacksonville, FL 32216

Draft Permit No: 0310325-005-AC
County: Duval

B. PROJECT

On January 24, 2008, TRANSFLO Terminal Services, Inc. applied to the Department for a permit to construct/modify the existing bulk materials transfer facility plant. This permit is for the modification of Emission Unit (EU) 001 and the construction of three conveyor lines and associated baghouses. TRANSFLO Terminal Services, Inc. is located at 116 Railroad – Druid Street, Jacksonville, FL 32226.

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).

The facility is a minor source of air pollution because the potential emissions of regulated air pollutants are less than 100 tons per year pursuant to Chapter 62-210, FAC, and JEPB Rule 2.301.

The RACT Rule for Particulate Matter (PM) does not apply since the facility meets the exemption for allowable PM emissions in Rule 62-296.700(2)(a), FAC, and 2.1001, JEPB of less than fifteen (15) tons per year (tons/yr) and five (5) pounds per hour (lbs/hr).

III. TECHNICAL EVALUATION

In Permit 0310325-004-AO, two dust filter and conveyor collector baghouses were combined to form Emission Unit 001. In Permit No. 0310325-005-AC, the dust filter and conveyor baghouses have been separated to form to new emission units EU 004 and EU 005.

EU No.	EU Description	Control Device
004	Bulk Solids Transfer	Unimaster Dust Filter and Conveyor Collector Baghouse Model No. UMA 150 (inground unit)

This emission unit shall be allowed to operate continuously, i.e., 8,760 hours per year (hrs/yr).
The nominal volumetric flow rate of the baghouse for EU No. 004 is 2,000 cubic feet per minute (cfm).
The process input rate shall not exceed 260,000 tons per year (tons/yr).
Total Particulate Matter (PM) emissions from the facility shall be less than fifteen (15) tons/yr and five (5) lbs/hr.
Visible Emissions (VE) shall not exceed 5% opacity.

EU No.	EU Description	Control Device
005	Bulk Solids Transfer	Unimaster Dust Filter and Conveyor Collector Baghouse Model No. UMA 150 (portable unit)

This emission unit shall be allowed to operate continuously, i.e., 8,760 hrs/yr.
The nominal volumetric flow rate of the baghouse for EU No. 005 is 2,000 cfm.
The process input rate shall not exceed 260,000 tons/yr.
Total Particulate Matter (PM) emissions from the facility shall be less than fifteen (15) tons/yr and five (5) lbs/hr.
Visible Emissions (VE) shall not exceed 5% opacity.

EU No.	EU Description	Control Device
006	Bulk Solids Transfer	Donaldson Dust Filter and Conveyor Collector Baghouse or similar device (portable unit)

This emission unit shall be allowed to operate continuously, i.e., 8,760 hours per year (hrs/yr).
The nominal volumetric flow rate of this baghouse shall be 2,000 cfm.
The process input rate shall not exceed 260,000 tons per year.
Total Particulate Matter (PM) emissions from the facility shall be less than fifteen (15) tons/yr and five (5) lbs/hr.
Visible Emissions (VE) shall not exceed 5% opacity.

EU No.	EU Description	Control Device
007	Bulk Solids Transfer	Donaldson Dust Filter and Conveyor Collector Baghouse or similar device (portable unit)

This emission unit shall be allowed to operate continuously, i.e., 8,760 hrs/yr.
The nominal volumetric flow rate of this baghouse shall be 2,000 cfm.
The process input rate shall not exceed 260,000 tons/yr.
Total Particulate Matter (PM) emissions from the facility shall be less than fifteen (15) tons/yr and five (5) lbs/hr.
Visible Emissions (VE) shall not exceed 5% opacity.

EU No.	EU Description	Control Device
008	Bulk Solids Transfer	Donaldson Dust Filter and Conveyor Collector Baghouse or similar device (portable unit)

This emission unit shall be allowed to operate continuously, i.e., 8,760 hrs/yr.
The nominal volumetric flow rate of this baghouse shall be 2,000 cfm.
The process input rate shall not exceed 260,000 tons/yr.
Total Particulate Matter (PM) emissions from the facility shall be less than fifteen (15) tons/yr and five (5) lbs/hr.
Visible Emissions (VE) shall not exceed 5% opacity.

IV. CONCLUSION

Based upon information provided by TRANSFLO Terminal Services, Inc., the Department has reasonable assurance that the proposed construction/modification of the existing bulk materials transfer facility, 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.

s:\air quality\PermitN\CP\draft\0310325-005te-AC