FINAL DETERMINATION

I. GENERAL INFORMATION

A. APPLICANT

BP Products North America, Inc.
2101 Zoo Parkway
Jacksonville, FL 32226

FINAL Permit No.: 0310179-017-AC
County: Duval

B. PROJECT

BP Products North America, Inc. applied on May 10, 2012, to the Permitting Authority for a permit to allow the installation of new butane blending equipment at the BP Jacksonville Terminals A & B.

This project includes the installation of new butane blending equipment at BP Jacksonville Terminals A & B to provide the ability to blend butane with gasoline products. This will provide the terminal with greater flexibility to adjust the gasoline product Reid vapor pressure (RVP). There will be two sampling and analysis systems installed at the Jacksonville Terminal, one located at each loading rack. Each sampling and analysis train will consist of pumps, analyzers, one 225 gallon denatured ethanol day tank and one 225 gallon sample return tank. Additionally, one 90,000 gallon pressurized butane vessel will be installed at the facility.

The sampling and analysis equipment will draw a small sample of gasoline from an existing terminal gasoline tank, and will then blend denatured ethanol from the new day tank to create a 90% gasoline and 10% denatured ethanol blend (to simulate the mixture that is loaded onto trucks at the loading racks). This sample will be analyzed to determine the percentage of butane that can be blended. Once analyzed, the gasoline/denatured ethanol sample will be routed into the sample return tank, and later introduced back into the process at the terminal.

Additionally, specific operation changes will be completed to both the Terminal A - Tank Truck Loading System and Terminal B - Tank Truck Loading Rack, such as installation of additional piping and components, to enable transfer of butane blended gasoline products into trucks via the loading racks.

BP Products North America, Inc., Jacksonville Terminals A and B, are located at 2101 Zoo Parkway, Jacksonville, FL 32226.

II. FINAL DETERMINATION

The Technical Evaluation and Preliminary Determination for the project described above were distributed on June 20, 2012. The Public Notice of Intent to Issue Permit was published in the Florida Times-Union on July 3, 2012. Proof of publication of the Public Notice of Intent to Issue Permit was received by the Neighborhoods Department, Environmental Quality Division (Permitting Authority) on July 13, 2012.

Copies of the evaluation were available for public inspection at the Permitting Authority.

Comments were received and the changes were incorporated in the FINAL Permit. The comments were not considered significant enough to reissue the DRAFT Permit and require another Public Notice. One

comment was received from the consultant representing the permittee during the 14 (fourteen) day public comment period. Listed below is the response to the comment. The comment will not be restated.

A. Comment – E-mail correspondence from Mr. Brad James, Trinity Consultants dated June 22, 2012.

Comment:

Response: Based upon the comment received, Section II., Subsection B, Specific Condition No. 19 was changed as follows:

From: The maximum throughput shall not exceed 450.0 x 10^6 gallons per year of gasoline, aviation gasoline, denatured ethanol, and/or gasoline/denatured ethanol blends (12 month rolling total) and 260.0 x 10^6 gallons per year of kerosene distillate oil (12 month rolling total).

To: The maximum throughput shall not exceed 450.0 x 10^6 gallons per year of gasoline, aviation gasoline, denatured ethanol, gasoline/denatured ethanol/butane blends and/or gasoline/denatured ethanol blends (12 month rolling total) and 260.0 x 10^6 gallons per year of kerosene distillate oil (12 month rolling total).

Response: Based upon the comment received, Section III, EU024, Specific Condition No. 5 was changed as follows:

From: The maximum throughput shall not exceed 90,000 gallons per hour of gasoline, aviation gasoline, gasoline/denatured ethanol blends. The gasoline, aviation gasoline, gasoline/denatured ethanol/butane blends, gasoline/denatured ethanol blends loading operational rate shall not exceed the manufacturer's maximum design rate. This throughput rate applies when the VCU is only servicing gasoline, aviation gasoline, gasoline/denatured ethanol blends, and gasoline/denatured ethanol/butane blends vapors generated from EU 024 directly (non-bladder tank mode).

To: The maximum throughput shall not exceed 90,000 gallons per hour of gasoline, aviation gasoline, gasoline/denatured ethanol/butane blends and/or gasoline/denatured ethanol blends. The gasoline, aviation gasoline, gasoline/denatured ethanol/butane blends, gasoline/denatured ethanol blends loading operational rate shall not exceed the manufacturer's maximum design rate. This throughput rate applies when the VCU is only servicing gasoline, aviation gasoline, gasoline/denatured ethanol blends, and gasoline/denatured ethanol/butane blends vapors generated from EU 024 directly (non-bladder tank mode).

III. CONCLUSION

The final action of the Permitting Authority will be to issue Air Construction Permit No.: 0310179-017-AC as proposed in the Technical Evaluation and Preliminary Determination with the changes noted above.