Florida Department of Environmental Protection

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Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

PERMITTEE

Tarmac America, LLC
455 Fairway Drive, Suite 200
Deerfield Beach, FL 33441

Authorized Representative:
Al Townsend, Director of Alternative Fuels

Air Permit No. 0250020-031-AC
Permit Expires: November 1, 2014
Minor Air Construction Permit

Pennsuco Cement Plant
Alternative Solid Fuels

PROJECT

This is the final air construction permit, which authorizes: the construction of mechanical and pneumatic solid fuel handling and feed systems for the precalciner and main kiln burner; installation of a new multi-fuel main kiln burner system; and the firing of a variety of alternative solid fuels including combinations of plastics, tire-derived fuel, reject roofing shingles, clean cellulosic biomass, manufactured cellulosic biomass, agricultural fibrous organic byproducts, pre-consumer reject paper, carpet-derived fuel and engineered fuels. The proposed work will be conducted at the existing Pennsuco Cement plant, which is categorized under Standard Industrial Classification Code No. 3241. The existing Pennsuco Cement Plant is located in Miami-Dade County at 11000 NW 121 Way in Medley, Florida. The UTM coordinates Zone 17, 562.3 km East and 2861.7 km North.

This final permit is organized into the following sections: Section 1 (General Information); Section 2 (Administrative Requirements); Section 3 (Emissions Unit Specific Conditions); Section 4 (Appendices). Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of Section 4 of this permit.

STATEMENT OF BASIS

This air pollution construction permit is issued under the provisions of: Chapter 403 of the Florida Statutes (F.S.) and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.). The permittee is authorized to conduct the proposed work in accordance with the conditions of this permit. This project is subject to the general preconstruction review requirements in Rule 62-212.300, F.A.C. and is not subject to the preconstruction review requirements for major stationary sources in Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

Upon issuance of this final permit, any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statutes by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel (Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000) and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The notice must be filed within 30 days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida
For the Division of Air Resource Management

Jeffery F. Koerner, P.E., Program Administrator
Office of Permitting and Compliance
Division of Air Resource Management

8-8-11
(Date)

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Final Determination and Final Permit with Appendices) was sent by electronic mail, or a link to these documents made available electronically on a publicly accessible server, with received receipt requested before the close of business on 8-8-11 to the persons listed below.

Mr. Al Townsend, Tarmac America, LLC (atownsend@titanamerica.com)
Mr. Max Lee, Ph.D., P.E., Koogler and Associates, Inc. (mlee@kooglerassociates.com)
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Ms. Lynn Scearce, DEP OPC Reading File (lynn.scearce@dep.state.fl.us)

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.

Barbara J. Friday 8-8-11
(Clerk) (Date)