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MAY 31 2011

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Tarmac America LLC  
11000 N.W. 121 Way  
Medley, FL 33178  
Phone: (305) 364-2230  
Fax: (305) 364-2288  
www.titanamerica.com

May 25, 2011

**VIA CERTIFIED MAIL**

Ms. Christy Devore  
Bureau of Air Regulation  
Department of Environmental Protection  
2600 Blair Stone Road, MS # 5500  
Tallahassee, FL 32399-2400

**RE: Proof of Public Notice Project No. 0250020-031-AC  
Tarmac America LLC – Pennsuco Complex**

Dear Ms. Devore:

Please find attached the notarized copy of the Public Notice for Project # 0250020-031-AC for the application of an air construction permit, construction permit will authorize Tarmac America, LLC to fire alternative fuels in the Pyroprocessing & Raw Mill System (Emission Unit 28). Tarmac America published the notice of application in the issue of May 20, 2011 in the South Florida Business Journal.

Do not hesitate to call me at 305-200-1655 (office) or 561-248-9626 (cell) should you have any questions or concerns.

Sincerely,

A handwritten signature in black ink, appearing to read "Muhammad Khan". The signature is written in a cursive style and is underlined.

Muhammad Khan, E.I.  
Environmental Engineer  
[mkhan@titanamerica.com](mailto:mkhan@titanamerica.com)

EC: Albert Townsend; Tarmac America, LLC  
EC: Max Lee; Koogler & Associates  
EC: Angela Morrison; Hopping Green and Sams, P.A.

**PUBLISHED WEEKLY  
BROWARD, MIAMI-DADE and PALM BEACH  
STATE of FLORIDA, COUNTY of BROWARD**

Before the undersigned authority personally appeared Phil Beringer of South Florida Business Journal, a weekly newspaper published in Broward, Miami-Dade and Palm Beach Counties, Florida; that the attached copy of advertisement being a legal notice in the matter of **Public Notice**

**Titan America**

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in the Circuit Court was published in said newspaper in the issues of **May 20th, 2011**.

The cost of the publication of this Public Notice is \$1,425<sup>00</sup>

Affiant further says that the said South Florida Business Journal is a newspaper published at in said Broward, Miami-Dade and Palm Beach Counties, Florida, and that the said newspaper has heretofore been continuously published in said Broward, Miami-Dade and Palm Beach Counties, Florida, each week and has been entered as second-class mail matter at the post office in Fort Lauderdale, in said Broward County, Florida for a period of one (1) year next preceeding the first publication of the attached copy of advertisement; and affiant further says that he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

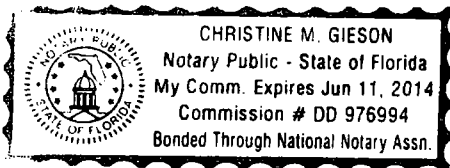
*Phil Beringer*

*Phil Beringer (South Florida Business Journal)*

Sworn to and subscribed before me,  
this 23rd day of May, A.D. 2011.

*Christine M Gieson*

Notary Public



**NOTICE OF APPLICATION**  
**STATE OF FLORIDA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Project No. 0250020-031-AC**  
**Tarmac America, LLC, Pennsuco Cement Plant**  
**Miami-Dade County, Florida**

The Department of Environmental Protection announces receipt of an application for an air construction permit from Tarmac America, LLC. The application requests authorization to fire alternative fuels at the existing Pennsuco Cement Plant, which is located in Miami-Dade County at 11000 Northwest 121 Way in Medley, Florida. As requested, temporary trial burns would not be conducted and the plant would be authorized to fire alternative fuels once construction is complete on the material handling systems. The applicant must meet all of its current emission limits and comply with all existing continuous emissions monitoring requirements when alternative fuels are used. *The cement kiln is currently authorized to fire bituminous coal, oil, natural gas and whole tires.* The applicant proposes to install and operate mechanical and pneumatic handling systems to fire the following non-hazardous alternative fuel materials, in any combination, in the existing cement kiln: agricultural film (non-chlorinated plastic); tire-derived fuel (with or without steel belts); tire fluff (tire crumbs without steel belts); manufacturer reject roofing shingles; clean cellululosic biomass (e.g., green wood, forest thinnings, sawdust, trees trimmings, clean woody land clearing debris and clean construction and demolition (C&D) wood); other cellululosic biomass (e.g. copper-chromium-arsenic-treated wood, creosote-treated wood, C&D debris not meeting the definition of clean C&D wood, plywood, particle board, medium density fiberboard, oriented strand board, laminated beams, finger-jointed trim and sheet goods); agricultural fibrous organic byproducts and residues (e.g., peanut hulls, rice hulls, corn husks, citrus peels, cotton gin byproducts, animal bedding, etc.); pre-consumer reject paper; carpet-derived fuel; and engineered fuel (a selected combination of non-hazardous materials such as those identified above and other alternative fuel materials). These materials have a useful heating value and will be co-fired with coal to offset a portion of the coal needed to produce heat for the existing cement kiln. The applicant proposes to use alternative fuels for cement production in part to reduce its reliance on fossil fuels, such as coal. The applicant also requests revising the term bituminous coal to coal. The project includes electric- or diesel-powered shredding and screening equipment to further process these materials as necessary.

Actual emissions from the existing cement kiln are continuously monitored for the following pollutants: carbon monoxide (CO), nitrogen oxides (NOX), sulfur dioxide (SO<sub>2</sub>) and total hydrocarbons (THC). There is also a continuous monitor for measuring the stack opacity. The applicant will continue to use all required continuous emissions monitoring systems to ensure compliance with existing and enforceable permit limitations during the firing of alternative fuels. Mercury emissions will be determined based on material balance and particulate matter emissions will be determined by stack test as necessary. The applicant does not request the relaxation of any existing permit limit and will become subject to more stringent standards applicable to portland cement plants under Title 40, Part 63 and Subpart LLL of the Code of Federal Regulations that become effective in 2013.

The initial application was received on April 20, 2011. The application is under review by the Department and is available for public inspection during normal business hours from 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the following physical office locations:

Department of Environmental Protection  
Bureau of Air Regulation  
111 South Magnolia Drive, Suite 4  
Tallahassee, Florida 32399-2400  
Telephone: 850/717-9000  
Fax: 850/717-9001

Department of Environmental Resources Management  
Air Quality Management Division  
701 NW 1st Court, Suite 400  
Miami, Florida 33136  
Phone: 305/372-6925  
Fax: 305/372-6954

The application can be accessed electronically at the Department's website at:  
<http://www.dep.state.fl.us/air/emission/apds/default.asp>

Enter the permit number 0250020-031-AC, click "get documents" and then click on "view additional scanned files".