



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard, Jr.
Secretary

February 10, 2011

Sent by Electronic Mail – Received Receipt Requested

Mr. Jim Daniel, Plant Manager
CEMEX Construction Materials, LLC
10311 Cement Plant Road
Brooksville, Florida 34601

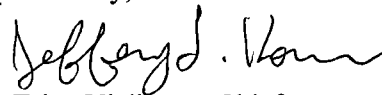
Re: Project No. 0530021-031-AC
Publication of Notice of Application
Alternative Fuel Materials Testing
Brooksville South Cement Plant Kiln 2

Dear Mr. Daniel:

Enclosed is the Notice of Application which must be published one time only, as soon as possible, in the legal advertisement section of a newspaper of general circulation in the area affected, pursuant to the requirements Sections 50.011, 50.031 and 403.815, Florida Statutes and Rules 62-110.106 and 62-210.350, F.A.C. Proof of publication, i.e., newspaper affidavit, must be provided to the Department's Bureau of Air Regulation office within seven days of publication. Failure to publish the notice and provide proof of publication may result in the denial of the permit.

If you have any questions regarding this matter, please contact Christy DeVore at 850-717-9085.

Sincerely,


Trina Vielhauer, Chief
Bureau of Air Regulation

TV/jfk/scd

Enclosure

cc: Mr. Jim Daniel, CEMEX (jdaniel@cemexusa.com)
Mr. George Townsend, Environmental Manager, CEMEX (gtownsend@cemexusa.com)
Mr. Max Lee, Ph.D., P.E., K&A (mlee@kooglerassociates.com)
Mr. Qi Zhang, P.E., Koogler and Associates, Inc. (qzhang@kooglerassociates.com)
Ms. Cindy Zang-Torres, DEP Southwest District Office (cindy.zhang-torres@dep.state.fl.us)
Ms. Kathleen Forney, EPA Region 4 (forney.kathleen@epa.gov)
Ms. Heather Abrams, EPA Region 4 (abrams.heather@epa.gov)
Ms. Ana M. Oquendo, EPA Region 4 (oquendo.ana@epa.gov)
Ms. Vickie Gibson, DEP BAR Reading File (victoria.gibson@dep.state.fl.us)

NOTICE OF APPLICATION

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Project No. 0530021-031-AC

CEMEX Construction Materials, LLC, Brooksville South Cement Plant
Hernando County, Florida

The Department of Environmental Protection announces receipt of an application for an air construction permit from CEMEX Construction Materials, LLC. The application proposes a trial burn of alternative fuels at the existing Brooksville South Cement Plant, which is located in Hernando County at 10311 Cement Plant Road in Brooksville, Florida. The application requests authorization to conduct temporary trials of the following alternative fuel materials in existing Kiln No. 2: non-chlorinated agricultural plastic film, tire-derived fuel and tire fluff, manufacturer reject roofing shingles, clean woody biomass, agricultural fibrous organic byproducts (e.g., peanut hulls, rice hulls, corn husks, citrus peels, cotton gin byproducts and animal bedding), pre-consumer reject paper, carpet-derived fuel and on-specification used oil fuel that has been generated off-site. Currently, the facility is permitted to use on-specification used oil fuel that has been generated on-site. These materials have a useful heating value and will be co-fired with coal to offset some of the coal needed to produce heat for the kiln.

The purpose of the trial is to evaluate the operational feasibility of each material as an alternative fuel to supplement coal. Each trial of alternative fuel material will occur separately from other materials and be limited in quantity. Each trial is planned for less than 60 operational days. Material suppliers will provide a representative analysis of each delivery of materials including the following basic constituents: heating value, moisture, density, volatiles, ash, sulfur, chlorine, fluorine and metals (including arsenic, cadmium, chromium, copper, lead and mercury). In addition, agricultural film will be analyzed for pesticides, bromine and thalium. Tire-derived fuel will be analyzed for zinc and manufacturer reject roof shingles will be analyzed for manganese, nickel and zinc. During each trial period, the following emissions will be continuously monitored: nitrogen oxides, sulfur dioxide, volatile organic compounds (as total hydrocarbons), carbon monoxide and opacity. Stack testing will be conducted for particulate matter emissions while firing a material expected to generate the highest emissions. Samples of each alternative fuel material taken by the plant during each trial will be analyzed for the same constituents. The results of the trial burn may be used to support a subsequent request for permanent authorization to fire one or more of these alternative fuels.

The initial application was received on January 14, 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 offices:

Department of Environmental Protection
Bureau of Air Regulation
111 South Magnolia Drive, Suite 4
Tallahassee, Florida 32399-2400
Telephone: 850/717-9085
Fax: 850/717-9097

Department of Environmental Protection
Southwest District Office
13051 N. Telecom Parkway
Temple Terrace, FL 33637-0926
Telephone: 813/632-7600
Fax: 813/632-7665

The application can be accessed at the Department's website at:

<http://www.dep.state.fl.us/air/emission/apds/default.asp>

Enter the permit number 0530021-031-AC, click get documents and then click on view additional scanned files.

Livingston, Sylvia

From: Livingston, Sylvia
Sent: Thursday, February 10, 2011 2:29 PM
To: 'jdaniel@cemexusa.com'
Cc: 'gtownsend@cemexusa.com'; 'mlee@kooglerassociates.com'; 'qzhang@kooglerassociates.com'; Zhang-Torres; 'forney.kathleen@epa.gov'; 'abrams.heather@epa.gov'; 'oquendo.ana@epa.gov'; Gibson, Victoria; Koerner, Jeff; DeVore, Christy; Walker, Elizabeth (AIR)
Subject: Publication of Notice of Application - CEMEX Construction Materials, LLC Brooksville South Cement Plant (0530021-031-AC)
Attachments: 0530021-031-AC_NOA.pdf

Tracking:	Recipient	Delivery	Read
	'jdaniel@cemexusa.com'		
	'gtownsend@cemexusa.com'		
	'mlee@kooglerassociates.com'		
	'qzhang@kooglerassociates.com'		
	Zhang-Torres	Delivered: 2/10/2011 2:29 PM	
	'forney.kathleen@epa.gov'		
	'abrams.heather@epa.gov'		
	'oquendo.ana@epa.gov'		
	Gibson, Victoria	Delivered: 2/10/2011 2:29 PM	Read: 2/10/2011 2:29 PM
	Koerner, Jeff	Delivered: 2/10/2011 2:29 PM	Read: 2/10/2011 3:37 PM
	DeVore, Christy	Delivered: 2/10/2011 2:29 PM	
	Walker, Elizabeth (AIR)	Delivered: 2/10/2011 2:29 PM	

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The document(s) may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible.

The document is in Adobe Portable Document Format (pdf). Adobe Acrobat Reader can be downloaded for free at the following internet site: <<http://www.adobe.com/products/acrobat/readstep.html>> .

The Bureau of Air Regulation is issuing electronic documents for permits, notices and other correspondence in lieu of hard copies through the United States Postal System, to provide greater service to the applicant and the engineering community. Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record.

Thank you,

Sylvia Livingston
Division of Air Resource Management (DARM)
Department of Environmental Protection
850/717-9043 (New Phone)
sylvia.livingston@dep.state.fl.us

Livingston, Sylvania

From: Daniel, James S. (Jim) [JDaniel@cemexusa.com]
Sent: Thursday, February 10, 2011 5:25 PM
To: Livingston, Sylvania
Subject: RE: Publication of Notice of Application - CEMEX Construction Materials, LLC Brooksville South Cement Plant (0530021-031-AC)

Can view. Thanks.



Jim Daniel

Plant Manager – Brooksville South Cement - United States of America
Office: (352) 799-7881 Fax: (352) 799-6088 Mobile: (352) 584-3798
Address: 10311 Cement Plant Rd, Brooksville, FL 34601
e-Mail: jdaniel@cemexusa.com
www.cemexusa.com



Please consider the environment before printing this email.

From: Livingston, Sylvania [<mailto:Sylvia.Livingston@dep.state.fl.us>]
Sent: Thursday, February 10, 2011 2:29 PM
To: Daniel, James S. (Jim)
Cc: Townsend, George; mlee@kooglerassociates.com; qzhang@kooglerassociates.com; Zhang-Torres; forney.kathleen@epa.gov; abrams.heather@epa.gov; oquendo.ana@epa.gov; Gibson, Victoria; Koerner, Jeff; DeVore, Christy; Walker, Elizabeth (AIR)
Subject: Publication of Notice of Application - CEMEX Construction Materials, LLC Brooksville South Cement Plant (0530021-031-AC)

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Thank you,

Livingston, Sylvania

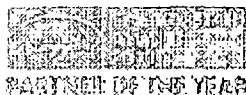
From: Townsend, George [gtownsend@cemexusa.com]
Sent: Monday, February 14, 2011 10:40 AM
To: Livingston, Sylvania
Subject: 0530021-031-AC_NOA

We received the NOA and have arranged for publication



George Townsend

Environmental Manager –Brooksville South - United States of America
Office: (352) 799-7881 Fax: (352) 799-6088 Mobile: (352) 238-9102
Address: 10311 Cement Plant Road, Brooksville, FL 34601
e-Mail: gtownsend@cemexusa.com
www.cemexusa.com



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Livingston, Sylvia

From: Zhang, Qi [qzhang@kooglerassociates.com]
Sent: Thursday, February 10, 2011 2:36 PM
To: Livingston, Sylvia
Subject: RE: Publication of Notice of Application - CEMEX Construction Materials, LLC Brooksville South Cement Plant (0530021-031-AC)

Hello Sylvia,

I have received and opened the attached file. Thank you.

Best regards,
Zhang, Qi
Project Engineer
Koogler and Associates, Inc.
4014 NW 13th Street
Gainesville, FL 32609, USA
Phone: +1 (352) 377-5822 x14
Fax: +1 (352) 377-7158
Email: qzhang@kooglerassociates.com

From: Livingston, Sylvia [<mailto:Sylvia.Livingston@dep.state.fl.us>]
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Cc: gtownsend@cemexusa.com; mlee@kooglerassociates.com; qzhang@kooglerassociates.com; Zhang-Torres; forney.kathleen@epa.gov; abrams.heather@epa.gov; oguendo.ana@epa.gov; Gibson, Victoria; Koerner, Jeff; DeVore, Christy; Walker, Elizabeth (AIR)
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Sylvia Livingston