



Florida Department of Environmental Protection

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

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

March 17, 2010

Electronic Mail – Received Receipt Requested

Mr. Robert Rogers, Plant Manager
CEMEX Construction Materials Florida, Inc.
1200 NW 137 Avenue
Miami, Florida 33182-1803

Re: **Request for Additional Information**
Project No. 0250014-031-AC
CEMEX Construction Materials Florida, Inc., Miami Cement Plant
Alternative Fuel Materials Testing – Cement Kiln

Dear Mr. Rogers:

On February 24, 2010, we received your application and sufficient fee for an air construction permit for a 120-day trial burn for up to 7,000 tons of a processed fuel consisting of clean woody biomass at the Miami Cement Plant. The facility is located in Miami-Dade County at 1200 NW 137 Avenue in Miami, Florida. The application indicates that the project is subject to general preconstruction review pursuant to rule 62-212.300 of the Florida Administrative Code (F.A.C.). The application is incomplete. In order to continue processing your application, please provide the additional information requested below. Should your response to any of the requested items require new calculations, please submit the new calculations, assumptions, reference material and appropriate revised pages of the application form.

1. The application bases emissions changes on AP-42 emissions factors. The Title V permit and application show that SO₂ and NO_x are monitored by a continuous emissions monitoring system (CEMS), CO and VOC/THC are monitored through continuous monitoring systems (CMS), and PM/PM₁₀ is monitored through stack testing. Please revise the potential emissions table to reflect baseline emissions per Rule 210.370, F.A.C. with CEMS taking first priority. Emission factors should be developed to reflect this specific cement plant.

The above information is requested pursuant to the following F.A.C. regulations: Rule 62-4.050 (Procedures to Obtain Permits and Other Authorizations; Applications); 62-4.055 (Permit Processing); 62-4.070 (Standards for Issuing or Denying Permits; Issuance; Denial); 62-4.120 (Construction Permits); 62-204.800 (Federal Regulations Adopted by Reference); 62-212.300 (Permits Required); 62-210.370 (Emissions Computations and Reporting); 62-210.900 (Forms and Instructions); 62-212.300 (General Preconstruction Review); and 62-212.400 (Prevention of Significant Deterioration). All applications for a Department permit must be certified by a professional engineer registered in the State of Florida pursuant to Rule 62-4.050(3), F.A.C. This requirement also applies to responses to Department requests for additional information of an engineering nature. For any material changes to the application, please include a new certification statement by the authorized representative or responsible official.

We will resume processing your application after receipt of the requested information. You are reminded that Rule 62-4.055(1), F.A.C. requires applicants to respond to requests for information within 90 days or to provide a

Livingston, Sylvia

From: Livingston, Sylvia
Sent: Wednesday, March 17, 2010 1:55 PM
To: 'rrogers@cemexusa.com'
Cc: 'mlee@kooglerassociates.com'; 'muthiam@miamidade.gov'; 'forney.kathleen@epa.gov'; 'abrams.heather@epa.gov'; Gibson, Victoria; DeVore, Christy; Koerner, Jeff; Walker, Elizabeth (AIR)
Subject: Request for Additional Information: CEMEX Construction Materials Florida, Inc - Miami Cement Plant (~~0640096-001-AG~~) 0250014-031-AC
Attachments: RAI 0250014-031-AC.pdf

Dear Sir/Madam:

Please send a "reply" message verifying receipt of the attached document(s); this may be done by selecting "Reply" on the menu bar of your e-mail software, *noting that you can view the documents*, and then selecting "Send". We must receive verification of receipt and your reply will preclude subsequent e-mail transmissions to verify receipt of the document(s).

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
Bureau of Air Regulation
Division of Air Resource Management (DARM)
Department of Environmental Protection
850/921-9506
sylvia.livingston@dep.state.fl.us

Livingston, Sylvia

From: Rogers, Robert [RRogers@cemexusa.com]
Sent: Wednesday, March 17, 2010 3:45 PM
To: Livingston, Sylvia
Subject: RE: Request for Additional Information: CEMEX Construction Materials Florida, Inc - Miami Cement Plant (0610096-001-AC) 02500014-031-AC

Received 03/17/2010 @ 1:55 pm

From: Livingston, Sylvia [mailto:Sylvia.Livingston@dep.state.fl.us]
Sent: Wednesday, March 17, 2010 1:55 PM
To: Rogers, Robert
Cc: mlee@kooglerassociates.com; muthiam@miamidade.gov; forney.kathleen@epa.gov; abrams.heather@epa.gov; Gibson, Victoria; DeVore, Christy; Koerner, Jeff; Walker, Elizabeth (AIR)
Subject: Request for Additional Information: CEMEX Construction Materials Florida, Inc - Miami Cement Plant (0610096-001-AC)

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Thank you,

Sylvia Livingston
Bureau of Air Regulation
Division of Air Resource Management (DARM)
Department of Environmental Protection
850/921-9506
sylvia.livingston@dep.state.fl.us

The Department of Environmental Protection values your feedback as a customer. DEP Secretary Michael W. Sole is committed to continuously assessing and improving the level and quality of services provided to you. Please take a few minutes to comment on the quality of service you received. Simply click on [this link to the DEP Customer Survey](#). Thank you in advance for completing the survey.

CONFIDENTIALITY: The information contained in this transmission may contain privileged and confidential

REQUEST FOR ADDITIONAL INFORMATION

written request for an additional period of time to submit the information. If you have any questions regarding this matter, please contact me at 850/921-8968.

Sincerely,



Christy DeVore, P.E.
New Source Review Section

This letter was sent to the following people by electronic mail with received receipt requested.

Mr. Roberts Roger, CEMEX (rrogers@cemexusa.com)
Mr. Max Lee, Ph.D., P.E., Koogler and Associates, Inc. (mlee@kooglerassociates.com)
Ms. Mallika Muthia, Miami-Dade County Dept. of Env. Resources Mgmt. (muthim@miamidade.gov)
Ms. Kathleen Forney, EPA Region 4 (forney.kathleen@epa.gov)
Ms. Heather Abrams, EPA Region 4 (abrams.heather@epa.gov)
Ms. Vickie Gibson, DEP BAR Reading File (victoria.gibson@dep.state.fl.us)

JFK/scd

Livingston, Sylvia

From: Max Lee [mlee@kooglerassociates.com]
Sent: Thursday, March 18, 2010 10:44 AM
To: Livingston, Sylvia
Subject: RE: Request for Additional Information: CEMEX Construction Materials Florida, Inc - Miami Cement Plant (0610096-001-AC) 0250014-031-AC

received.

Thanks Silvia.

From: Livingston, Sylvia [mailto:Sylvia.Livingston@dep.state.fl.us]
Sent: Wednesday, March 17, 2010 1:55 PM
To: rrogers@cemexusa.com
Cc: mlee@kooglerassociates.com; muthiam@miamidade.gov; forney.kathleen@epa.gov; abrams.heather@epa.gov; Gibson, Victoria; DeVore, Christy; Koerner, Jeff; Walker, Elizabeth (AIR)
Subject: Request for Additional Information: CEMEX Construction Materials Florida, Inc - Miami Cement Plant (0610096-001-AC)

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Thank you,

Sylvia Livingston
Bureau of Air Regulation
Division of Air Resource Management (DARM)
Department of Environmental Protection
850/921-9506
sylvia.livingston@dep.state.fl.us

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Livingston, Sylvia

From: Livingston, Sylvia
Sent: Friday, March 05, 2010 4:01 PM
To: Anderson, Lennon; 'muthim@miamidade.gov'
Cc: DeVore, Christy; Koerner, Jeff; Walker, Elizabeth (AIR)
Subject: CEMEX Construction Materials FL LLC - Miami Cement Plant (0250014-031-AC)

A new **Permit Application** has been received at FL Department of Environmental Protection Div. of Air Resource Management and is currently under review.

Link to Permit Application Documents:

<http://arm-permit2k.dep.state.fl.us/psd/0250014/000045FD.pdf>

ARMS PA Project ID:	0250014-031-AC
Facility Name:	CEMEX Construction Materials FL LLC
Florida County:	Miami-Dade
Project Description:	120 DAY TRIAL BURN WOOD BIOMAS
Permit Application Processor:	Christy DeVore
Processor Phone:	(850) 921-8968
Processor Email Address:	Christy.DeVore@dep.state.fl.us
Received in-house:	2/24/10

Please direct any questions regarding this permit application to the permit application processor. If you have any problems accessing these documents please let me know.

Thanks,

Sylvia Livingston
Bureau of Air Regulation
Division of Air Resource Management (DARM)
Department of Environmental Protection
850/921-9506
sylvia.livingston@dep.state.fl.us