

Florida Department of
Environmental Protection

Memorandum

To: Trina Vielhauer, Bureau of Air Regulation
Through: Syed Arif, New Source Review Section SA 915
From: ~~Cleve Holladay~~ Cleve Holladay, New Source Review Section
Date: September 15, 2009
Subject: Extension of Permit Expiration Date Project No. 0530021-016-AC
Project No. 0530021-024-AC
Florida Crushed Stone d.b.a. CEMEX, Inc.
South Brooksville Cement Plant
Install a Tire Injection Mechanism (TIM)-Cement Kiln 1

Attached for your review is a letter authorizing the extension of the permit expiration date of air construction Permit No. 0530021-016-AC for the South Brooksville Cement Plant located in Hernando County at 10311 Cement Plant Road in Brooksville, Florida. The extension will be until September 1, 2010. The extension will allow CEMEX further time to locate, install and test a TIM system on Kiln 1. In addition, the extension requires CEMEX to perform an initial compliance test for mercury emissions from the power plant-cement plant combination within 90 days of issuance of this extension. Thereafter, a mercury compliance test will be required annually. Based on the circumstances and information provided, the Department approves this request. I recommend your approval of the attached extension.

Attachments

TLV/sa/cgh



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

September 15, 2009

Sent by Electronic Mail – Received Receipt Requested

James Daniel, Plant Manager
Florida Crushed Stone Company (d.b.a.CEMEX, Inc.)
South Brooksville Cement Plant
10311 Cement Plant Road
Brooksville, Florida 32669

Re: Extension of Air Construction Permit Expiration Date
South Brooksville Cement Plant
Project No. 0530021-024-AC
Extension of Original Air Permit No. 0530021-016-AC

Dear Mr. Daniel:

On July 23, 2009, CEMEX requested an extension of the expiration date of air construction Permit No. 0530021-016-AC for the South Brooksville Cement Plant located in Hernando County at 10311 Cement Plant Road in Brooksville, Florida. CEMEX requests additional time to locate, install and test a TIM system on Kiln 1. Based on the circumstances and information provided, the Department approves this request. The Department is extending the expiration date to **September 1, 2010**. In addition, the Department is changing Specific Condition B.12, and is requiring CEMEX to perform an initial compliance test for mercury emissions from the power plant-cement plant combination within 90 days of issuance of this extension. Thereafter, a compliance test for mercury emissions shall be done annually. The annual compliance test will be performed using the same procedure as the initial test.

The following permit condition is revised:

Specific Condition B.12

Compliance with the mercury limits in Specific Condition A.2.h shall be demonstrated with two sets of test runs in accordance with EPA method 29, and 40 CFR 60.8. The first test set will be with the power plant, Kiln 1 and the raw mill turned on. There shall be three test runs of at least two hours in length. The second test set will be with the power plant on, Kiln 1 on, and the raw mill off. There shall be three test runs of at least two hours duration, with the first test run commencing 15 minutes after the raw mill is shut down. All three test runs should be completed within ten hours of commencing the first test run.

Initial testing shall be done within ~~60~~ 90 calendar days of ~~achieving permitted capacity, or within 180 operating days after the modification~~ receiving this extension. Thereafter, testing shall be done on annual basis, using the same procedure as the initial test, and in accordance with Rule 62-297.310(7), F.A.C.

Permitting Authority: Applications for air construction permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4, 62-210, and 62-212 of the Florida Administrative Code (F.A.C.). The proposed project is not exempt from air permitting requirements and an air

EXTENSION OF AIR CONSTRUCTION PERMIT EXPIRATION DATE

permit is required to perform the proposed work. The Department of Environmental Protection's Bureau of Air Regulation is the Permitting Authority responsible for making a determination for this project. The Permitting Authority's physical address is: 111 South Magnolia Drive, Suite #4, Tallahassee, Florida 32301. The Permitting Authority's mailing address is: 2600 Blair Stone Road, MS #5505, Tallahassee, Florida 32399-2400. The Permitting Authority's telephone number is 850/488-0114.

Determination: The expiration date is hereby extended from **September 30, 2009** to **September 1, 2010** to provide the necessary time to complete construction and submit a complete application for revision of the Title V air operation permit. This permitting action does not authorize any new construction. A copy of this letter shall be filed with the referenced permit and shall become part of the permit. This permitting decision is issued pursuant to Chapter 403, Florida Statutes.

Petitions: A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed with (received by) the Department's Agency Clerk in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000 (Telephone: 850/245-2241). Petitions must be filed within 14 days of receipt of this permit extension. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Permitting Authority's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner; the name, address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of when and how each petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action including an explanation of how the alleged facts relate to the specific rules or statutes; and, (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the agency to take with respect to the agency's proposed action. A petition that does not dispute the material facts upon which the Permitting Authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Permitting Authority's final action may be different from the position taken by it in this written notice. Persons whose substantial interests will be affected by any such final decision of the Permitting Authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation: Mediation is not available in this proceeding.

Effective Date: This permitting decision is final and effective on the date filed with the clerk of the Department unless a petition is filed in accordance with the above paragraphs or unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition pursuant to Rule 62-110.106, F.A.C., and the petition conforms to the content requirements of Rules 28-106.201 and 28-106.301, F.A.C. Upon timely

EXTENSION OF AIR CONSTRUCTION PERMIT EXPIRATION DATE

filing of a petition or a request for extension of time, this action will not be effective until further order of the Department.

Judicial Review: Any party to this permitting decision (order) has the right to seek judicial review of it under Section 120.68, F.S., 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.



Trina Vielhauer, Chief
Bureau of Air Regulation

TLV/sa/cgh

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Extension of Air Construction Permit Expiration Date 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

9/15/09 to the persons listed below.

- James Daniel, CEMEX: jdaniel@cemexusa.com
- George Townsend, CEMEX: gtownsend@cemexusa.com
- Mara Nasca, DEP SWD: mara.nasca@dep.state.fl.us
- John Koogler, P.E., K&A: jkoogler@kooglerassociates.com
- Fawn Bergen, P.E., K&A: fbergen@kooglerassociates.com
- Kathy Forney, EPA Region 4: forney.kathleen@epamail.epa.gov
- Ms. Vickie Gibson, DEP BAR Reading File: (victoria.gibson@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.



9/15/09
(Date)

Livingston, Sylvia

From: Livingston, Sylvia
Sent: Tuesday, September 15, 2009 4:09 PM
To: 'jdaniel@cemexusa.com'
Cc: 'gtownsend@cemexusa.com'; Nasca, Mara; 'jkoogler@kooglerassociates.com'; 'fbergen@kooglerassociates.com'; 'forney.kathleen@epamail.epa.gov'; Gibson, Victoria; Holladay, Cleve; Walker, Elizabeth (AIR)
Subject: CEMEX BROOKSVILLE S. CEMENT & POWER PLANT; 0530021-024-AC - Extension
Attachments: 0530021-024-AC_Signatures.pdf

Dear Sir/ Madam:

Attached is the official **Notice of Final Permit** for the project referenced below. Click on the link displayed below to access the permit project documents and send a "reply" message verifying receipt of the document(s) provided in the link; 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".

Note: We must receive verification that you are able to access the documents. Your immediate reply will preclude subsequent e-mail transmissions to verify accessibility of the document(s).

Click on the following link to access the permit project documents:

http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/0530021.024.AC.F_pdf.zip

Owner/Company Name: CEMEX CNSTRCTION MATERIALS FLORIDA, LLC

Facility Name: CEMEX BROOKSVILLE S. CEMENT and POWER PLANT

Project Number: 0530021-024-AC

Permit Status: FINAL

Permit Activity: CONSTRUCTION

Facility County: HERNANDO

Processor: Cleve Holladay

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. Access these documents by clicking on the link provided above, or search for other project documents using the "*Air Permit Documents Search*" website at <http://www.dep.state.fl.us/air/eproducts/apds/default.asp>.

Permit project documents are addressed in this email may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible, and verify that they are accessible. Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record. If you have any problems opening the documents or would like further information, please contact the Florida Department of Environmental Protection, Bureau of Air Regulation at (850)488-0114.

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

Livingston, Sylvia

From: Daniel, James S. (Jim) [JDaniel@cemexusa.com]
Sent: Tuesday, September 15, 2009 6:10 PM
To: Livingston, Sylvia
Subject: RE: CEMEX BROOKSVILLE S. CEMENT & POWER PLANT; 0530021-024-AC - Extension

Documents accessible.

From: Livingston, Sylvia [mailto:Sylvia.Livingston@dep.state.fl.us]
Sent: Tuesday, September 15, 2009 4:09 PM
To: Daniel, James S. (Jim)
Cc: Townsend, George; Nasca, Mara; jkoogler@kooglerassociates.com; fbergen@kooglerassociates.com; forney.kathleen@epamail.epa.gov; Gibson, Victoria; Holladay, Cleve; Walker, Elizabeth (AIR)
Subject: CEMEX BROOKSVILLE S. CEMENT & POWER PLANT; 0530021-024-AC - Extension

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Facility Name: CEMEX BROOKSVILLE S. CEMENT and POWER PLANT
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Sylvia Livingston
Bureau of Air Regulation

Livingston, Sylvia

From: John Koogler [jkoogler@kooglerassociates.com]
Sent: Tuesday, September 15, 2009 5:06 PM
To: Livingston, Sylvia
Subject: RE: CEMEX BROOKSVILLE S. CEMENT & POWER PLANT; 0530021-024-AC - Extension

Thank you.

From: Livingston, Sylvia [mailto:Sylvia.Livingston@dep.state.fl.us]
Sent: Tuesday, September 15, 2009 4:09 PM
To: jdaniel@cemexusa.com
Cc: gtownsend@cemexusa.com; Nasca, Mara; jkoogler@kooglerassociates.com; fbergen@kooglerassociates.com; forney.kathleen@epamail.epa.gov; Gibson, Victoria; Holladay, Cleve; Walker, Elizabeth (AIR)
Subject: CEMEX BROOKSVILLE S. CEMENT & POWER PLANT; 0530021-024-AC - Extension

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Sylvia Livingston
Bureau of Air Regulation

Livingston, Sylvia

From: Townsend, George [gtownsend@cemexusa.com]
Sent: Tuesday, September 15, 2009 4:31 PM
To: Livingston, Sylvia
Subject: RE: CEMEX BROOKSVILLE S. CEMENT & POWER PLANT; 0530021-024-AC - Extension

Documents view/received

From: Livingston, Sylvia [mailto:Sylvia.Livingston@dep.state.fl.us]
Sent: Tuesday, September 15, 2009 4:09 PM
To: Daniel, James S. (Jim)
Cc: Townsend, George; Nasca, Mara; jkoogler@kooglerassociates.com; fbergen@kooglerassociates.com; forney.kathleen@epamail.epa.gov; Gibson, Victoria; Holladay, Cleve; Walker, Elizabeth (AIR)
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