

Memorandum

Florida Department of Environmental Protection

TO: Joseph Kahn, Division of Air Resource Management
THROUGH: Trina Vielhauer, Bureau of Air Regulation
Jeff Koerner, New Source Review Section
FROM: Christy DeVore, New Source Review Section
DATE: July 15, 2010
SUBJECT: Final Air Permit No. 1190042-006-AC
PSD-FL-361E
American Cement Company, L.L.C., Sumterville Cement Plant
Mercury CEMS Installation Extension

The final permit for this project is attached for your approval and signature. The project requires a PSD preconstruction review permit revision to authorize: a 180 day extension to install the Mercury Continuous Emissions Monitoring System (Hg-CEMS). The proposed work will be performed at the existing Sumterville Cement Plant, which is located in Sumter County at 4750 E. County Road 470 in Sumterville, Florida.

The attached Final Determination summarizes the publication and comment process. There are no pending petitions for administrative hearings or extensions of time in which to file a petition for an administrative hearing. I recommend your approval of the attached final permit for this project.

Attachments

TLV/jfk/scd

FINAL DETERMINATION

PERMITTEE

Cary Cohrs, President
American Cement Company, L.L.C.
P.O. Box 445
Sumterville, FL 33585

PERMITTING AUTHORITY

Florida Department of Environmental Protection (Department)
Division of Air Resource Management
Bureau of Air Regulation, New Source Review Section
2600 Blair Stone Road, MS #5505
Tallahassee, Florida 32399-2400

PROJECT

Air Permit No. 1190042-006-AC
PSD-FL-361E, Air Construction Permit Revision
Sumterville Cement Plant

This permit is an extension of the date to install the stack mercury emissions monitor, from 60 days to 240 days after the first year of operation.

NOTICE AND PUBLICATION

The Department distributed a draft minor air construction permit package on June 8, 2010. The applicant published the Public Notice in the Daily Commercial on June 28, 2010. The Department received the proof of publication on July 12, 2010. No requests for administrative hearings or requests for extensions of time to file a petition for administrative hearing were received.

COMMENTS

No comments on the Draft Permit were received from the public, the EPA Region 4 Office or the applicant.

CONCLUSION

The final action of the Department is to issue the permit as drafted.



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

PERMITTEE

Cary Cohrs, President
American Cement Company, L.L.C.
P.O. Box 445
Sumterville, FL 33585

Air Permit No. 1190042-006-AC
PSD-FL-361E
Permit Expires: March 1, 2011
Minor Air Construction Permit

Authorized Representative:
Cary Cohrs, President

Sumterville Cement Plant
Mercury CEMS Installation
Extension

PROJECT

This is the final air construction permit, which revises Permit No. 1190042-001-AC (PSD-FL-361) for the following item: extension of the date to install the stack mercury emissions monitor, from 60 days to 240 days after the first year of operation (365 calendar days following the first day the kiln produces clinker). Sumterville Cement Plant is a cement plant categorized under Standard Industrial Classification No. 3241. The existing facility is located in Sumter County at 4750 E. County Road 470 in Sumterville, Florida. The UTM coordinates are Zone 17, 399.8 km East and 3181.9 km North.

This final permit is organized into the following sections: Section 1 (General Information) and Section 2 (Permit Revisions). As noted in the Final Determination provided with this final permit, only minor changes and clarifications were made to the draft 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.). 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. A copy of this permit modification shall be filed with the referenced permit and shall become part of the permit.

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

Joseph Kahn, Director
Division of Air Resource Management

7/15/10
(Date)

FINAL PERMIT REVISION

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 Revision) 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 7/15/10 to the persons listed below.

Mr. Cary Cohrs, American Cement Company, L.L.C. (ccohrs@americacementcompany.com)

Ms. Kathleen Forney, EPA Region 4 (forney.kathleen@epa.gov)

Ms. Ana M. Oquendo, EPA Region 4 (oquendo.ana@epa.gov)

Ms. Heather Abrams, EPA Region 4 (abrams.heather@epa.gov)


Mr. Steven C. Cullen, Koogler & Associates, Inc. (scullen@kooglerassociates.com)

Ms. Cindy Zhang-Torres, DEP SW District (cindy.zhang-torres@dep.state.fl.us)

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.



(Clerk)

7/15/10
(Date)

SECTION 1. GENERAL INFORMATION

FACILITY DESCRIPTION

The existing facility is a cement plant, which consists of a dry process preheater/calcliner kiln, in-line raw mill, clinker cooler and associated materials handling, storage, conveyance and shipping facilities.

FACILITY REGULATORY CLASSIFICATION

- The facility is a major source of hazardous air pollutants (HAP).
- The facility does not operate units subject to the acid rain provisions of the Clean Air Act (CAA).
- The facility is a Title V major source of air pollution in accordance with Chapter 213, F.A.C.
- The facility is a major stationary source in accordance with Rule 62-212.400(PSD), F.A.C.

PROPOSED PROJECT

The applicant requested revisions to the PSD permit to change the following permit condition.

Condition 21.b. – Mercury Continuous Emissions Monitoring System (Hg-CEMS): The permittee requests authorization for a 180 day extension to install the Hg-CEMS.

The Department approves the request as conditioned by this permit revision.

SECTION 2. PERMIT REVISIONS

Permit Being Modified: Permit No. 1190042-001-AC (PSD-FL-361)

Affected Emissions Unit: EU-003

Subsection 3.C. Pyroprocessing System, Specific Condition 21.b.: This condition is revised as follows.

Mercury Continuous Emissions Monitoring System (Hg-CEMS): Within 240 days following the first year of operation, the owner or operator shall install any model of Hg-CEMS that has been demonstrated to meet the requirements in Performance Specification 12A (PS-12A), "Specifications and Test Procedures for Total Vapor phase Mercury Continuous Monitoring Systems in Stationary Sources," or that has passed verification tests conducted under the auspices of the U.S. Environmental Protection Agency's (EPA) Environmental Technology Verification (ETV) Program. During the subsequent 90 days, the owner or operator shall certify the Hg-CEMS and begin reporting Hg mass emissions data. The owner or operator shall adhere to the calibration drift and quarterly accuracy assessment procedures in 40 CFR Part 60, Appendix F or 40 CFR Part 75, Appendix B. The 12-month rolling mass emissions and average monthly mass emissions shall be reported based on the actual data collected not later than 10 days following the end of month. Upon certification, the owner or operator may use the Hg-CEMS to demonstrate compliance with the cumulative 12-month rolling mass emission limitation (122 pounds per rolling 12-month period) in lieu of the procedures described in the preceding paragraph. Prior to use of the Hg-CEMS as the method to demonstrate compliance, the owner or operator shall submit written notice to the Department, and receive approval for a missing data substitution plan. For purposes of this requirement, the first year of operation ends 365 calendar days following the first day the kiln produces clinker. [Rules 62-4.070(3) and 62-212.400(2)(g), F.A.C.]

Note: This revision does not change any federal requirements.

Livingston, Sylvania

From: Livingston, Sylvania
Sent: Thursday, July 15, 2010 4:52 PM
To: 'ccohrs@americacementcompany.com'
Cc: 'forney.kathleen@epa.gov'; 'oquendo.ana@epa.gov'; 'abrams.heather@epa.gov'; 'scullen@kooglerassociates.com'; 'cindy.zhang-torres@dep.state.fl.us'; 'victoria.gibson@dep.state.fl.us'; 'jeff.koerner@dep.state.fl.us'; 'christy.devore@dep.state.fl.us'; 'elizabeth.walker@dep.state.fl.us'
Subject: American Cement Company, LLC - Sumterville Cement Plant; 1190042-006-AC
Attachments: 1190042-006-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 documents:

http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/1190042.006.AC.F_pdf.zip

Owner/Company Name: AMERICAN CEMENT COMPANY, LLC
Facility Name: SUMTERVILLE CEMENT PLANT
Project Number: 1190042-006-AC
Permit Status: FINAL
Permit Activity: CONSTRUCTION
Facility County: SUMTER
Processor: Christy DeVore

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/emission/apds/default.asp>.

Project documents that 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
Division of Air Resource Management (DARM)
Department of Environmental Protection
850/921-9561
sylvia.livingston@dep.state.fl.us

Livingston, Sylvia

From: Cary Cohrs [ccohrs@americacementcompany.com]
Sent: Sunday, July 18, 2010 10:34 AM
To: Livingston, Sylvia
Cc: forney.kathleen@epa.gov; oquendo.ana@epa.gov; abrams.heather@epa.gov; scullen@kooglerassociates.com; Zhang-Torres; Gibson, Victoria; Koerner, Jeff; DeVore, Christy; Walker, Elizabeth (AIR)
Subject: RE: American Cement Company, LLC - Sumterville Cement Plant; 1190042-006-AC

We have received this transmission. Thank you for your assistance.

Cary Cohrs

From: Livingston, Sylvia [mailto:Sylvia.Livingston@dep.state.fl.us]
Sent: Thursday, July 15, 2010 4:52 PM
To: ccohrs@americacementcompany.com
Cc: forney.kathleen@epa.gov; oquendo.ana@epa.gov; abrams.heather@epa.gov; scullen@kooglerassociates.com; Zhang-Torres; Gibson, Victoria; Koerner, Jeff; DeVore, Christy; Walker, Elizabeth (AIR)
Subject: American Cement Company, LLC - Sumterville Cement Plant; 1190042-006-AC

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".

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Owner/Company Name: AMERICAN CEMENT COMPANY, LLC
Facility Name: SUMTERVILLE CEMENT PLANT
Project Number: 1190042-006-AC
Permit Status: FINAL
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Livingston, Sylvia

From: Steve Cullen [scullen@kooglerassociates.com]
Sent: Friday, July 16, 2010 8:02 AM
To: Livingston, Sylvia
Subject: Read: American Cement Company, LLC - Sumterville Cement Plant; 1190042-006-AC
Attachments: ATT00001

Livingston, Sylvia

From: Livingston, Sylvia
Sent: Friday, May 21, 2010 8:16 AM
To: 'forney.kathleen@epa.gov'; 'abrams.heather@epa.gov'; Zhang-Torres
Cc: DeVore, Christy; Koerner, Jeff; Walker, Elizabeth (AIR); Gibson, Victoria
Subject: American Cement Company, LLC - Sumterville Cement Plant (1190042-006-AC/PSDFL-361E)

A new **PSD 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/1190042/00004CB4.pdf>

ARMS PA Project ID:	1190042-006-AC
PSD-FL-	361E
Facility Name:	American Cement Company, LLC
Florida County:	Sumter
Project Description:	MERC CEMS INSTALL EXTENSION
Permit Application Processor:	Christy DeVore
Processor Phone:	(850) 921-8968
Processor Email Address:	Christy.DeVore@dep.state.fl.us
Received in-house:	5/19/10

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

Tracking: