



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

February 7, 2008

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Chris Horner, Plant Manager
Florida Rock Industries, Inc.
4000 NW County Road 235
P.O. Box 459
Newberry, Florida 32669

Re: **Request for Additional Information**
Thompson S. Baker Cement Plant – Kiln 2 System
Project No. 0010087-031-AC (PSD-FL-350A)
Revision of Permit No. PSD-FL-350 (Project No. 0010087-013-AC)

Dear Mr. Horner:

On January 18, 2008, the Department received your application and sufficient fee for an air construction permit revision to Air Permit PSD-FL-350 (Project No. 0010087-013-AC) for the Kiln 2 System at Thompson S. Baker Cement Plant. The application is incomplete. In order to continue processing your application, the Department will need the additional information requested below. Should your response to any of the items below require new calculations, please submit the new calculations, assumptions, reference material and appropriate revised pages of the application form.

1. Emission Unit 009: You requested the following changes.

- Install a new belt conveyor, D52. To feed high limestone bin from the truck hopper.
- Install a new baghouse, C21, to control transfers from belt C13 to belts C14 and new belt D52.
- Rename baghouse D35 to D55.
- Eliminate baghouse 2E34 and double the flow rate to baghouse 2H08.

The application for original Permit No. 0010087-013-AC (PSD-FL-350) had the following emission point description table.

ID	TEMP, °F	ACFM	H ₂ O	DSCFM
D33	77	3000	2	2893
D35	77	3000	2	2893
D37	77	5000	2	4821
D49	77	5000	2	4821
2D37	77	5000	2	4821
2D49	77	5000	2	4821
2E28	300	3000	2	2043
2E34	300	2000	2	1362
2G07	200	15000	2	11766
2H08	200	2000	2	1569

Total: 41809

REQUEST FOR ADDITIONAL INFORMATION

On page 18 of the newly submitted application you provided a similar table as shown below.

ID	TEMP, F	ACFM	H2O	DSCFM
C21	77	4000	2	3854
D33	77	3000	2	2891
D55	77	3000	2	2891
D37	77	5000	2	4818
D49	77	5000	2	4818
2D37	77	5000	2	4818
2D49	77	5000	2	4818
2E28	300	3000	2	2043
2E34	0	0	0	0
2G07	200	15000	2	11760
2H08	200	4000	2	3136

Total Flow: 45846

Please verify that these are the changes being requested.

2. Emission Point 011: You requested the following changes:

- Change the description of Clinker 2L18 that goes into Silo #4 from a “quadrated” silo to “two double” clinker silos.
- Remove the existing Line 1 baghouse L08 from 2L15.
- Increase the flow rate of baghouse 2L15.
- Add baghouse 2L12. This was formerly Line 1 baghouse L08.

Is this correct? Please explain type of activity that each revised baghouse is conducting.

The application for original Permit No. 0010087-013-AC (PSD-FL-350) had the following emission point description table.

ID	TEMP, °F	ACFM	H₂O	DSCFM
2L03	300	3000	2	2043
2L13	300	3000	2	2043
2L15	300	6000	2	4087
2L16	300	4000	2	2725
2L18	212	4000	2	3082

Total Flow: 13980

On page 33 of the newly submitted application you provided a similar table as shown below.

ID	TEMP, °F	ACFM	H₂O	DSCFM
2L03	300	3000	2	2043
2L12	300	4000	2	2723
2L13	300	3000	2	2043
2L15	300	10000	2	6808
2L16	300	4000	2	2723
2L18	300	4000	2	2723

Total Flow 19064

Please verify that these are the changes being requested.

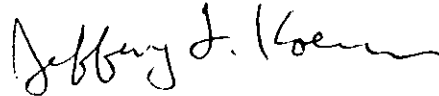
REQUEST FOR ADDITIONAL INFORMATION

3. Please identify any other changes being requested.

The Department will resume processing your application after receipt of the requested information. Rule 62-4.050(3), F.A.C. requires that all applications for a Department permit must be certified by a professional engineer registered in the State of Florida. 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. 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 written request for an additional period of time to submit the information.

If you have any questions regarding this matter, please contact the project engineer, Corrie Branum, at 850/921-8968.

Sincerely,



Jeffery F. Koerner, Administrator
New Source Review Section

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

Mr. Chris Horner, Florida Rock Industries, Inc. (chrish@flarock.com)
Mr. Henry Gotsch, Florida Rock Industries, Inc. (hgotsch@flarock.com)
Mr. Steven C. Cullen, P.E., Koogler & Associates, Inc. (scullen@kooglerassociates.com)
Mr. Chris Kirts, NED Office (Christopher.Kirts@dep.state.fl.us)
Ms. Rita Felton-Smith NED Office (Rita.Felton@dep.state.fl.us)

JFK/clb

Harvey, Mary

From: Harvey, Mary
Sent: Thursday, February 07, 2008 4:18 PM
To: ~~christh@flarock.com~~; jngotsch@flarock.com; 'scullen@kooglerassociates.com'; Kirts, Christopher; Felton-Smith, Rita
Cc: Branum, Corrie; Walker, Elizabeth (AIR); Gibson, Victoria
Subject: Request for Additional Information - ~~Florida Rock Industries, Inc.~~
Attachments: ~~request for additional information.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 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,

DEP, Bureau of Air Regulation

Harvey, Mary

From: Horner, Chris [ChrisH@Flarock.com]
Sent: Thursday, February 07, 2008 4:22 PM
To: Harvey, Mary
Subject: RE: Request for Additional Information - Florida Rock Industries, Inc.

CHRIS HORNER
Plant Manager
Vulcan Materials Company
Florida Rock Division
Thompson S. Baker Cement Plant
4000 NW CR 235
Newberry, FL 32669
Ofc: (352) 472-4722 ext 130
Cell: (352) 354-5090
Fax: (352) 472-2449
HornerC@VMCMail.com

-----Original Message-----

From: Harvey, Mary [mailto:Mary.Harvey@dep.state.fl.us]
Sent: Thursday, February 07, 2008 4:18 PM
To: Horner, Chris; Gotsch, Henry; scullen@kooglerassociates.com; Kirts, Christopher; Felton-Smith, Rita
Cc: Branum, Corrie; Walker, Elizabeth (AIR); Gibson, Victoria
Subject: Request for Additional Information - Florida Rock Industries, Inc.

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 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,

2/7/2008