

Transmittal memo

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MAR 18 2004

Air Quality
Management Division

Tarmac 
A Titan America Business

455 Fairway Drive
Deerfield Beach, FL 33441
Environmental Department
Direct line 954.425.4165
Direct fax 954.480.9352

To Claire Jordahl – DERM

Date 16 Mar 2004

From Scott Quaas

Ref Pennsuco Cement

Tel no. (954) 425-4165

Please find enclosed a copy of the "Flow Diagram" from the PK5 Construction Permit Revision Application; as discussed it shows the PMCD changes that the application addresses. Additionally, I have enclosed a photo of the new plant with labels of the major system components. Let me know if you need anything further.

Confidential information

Privileged information may be contained in this transmittal memorandum which is intended for the addressee only. If you are not the addressee, please do not copy or deliver this to anyone else.

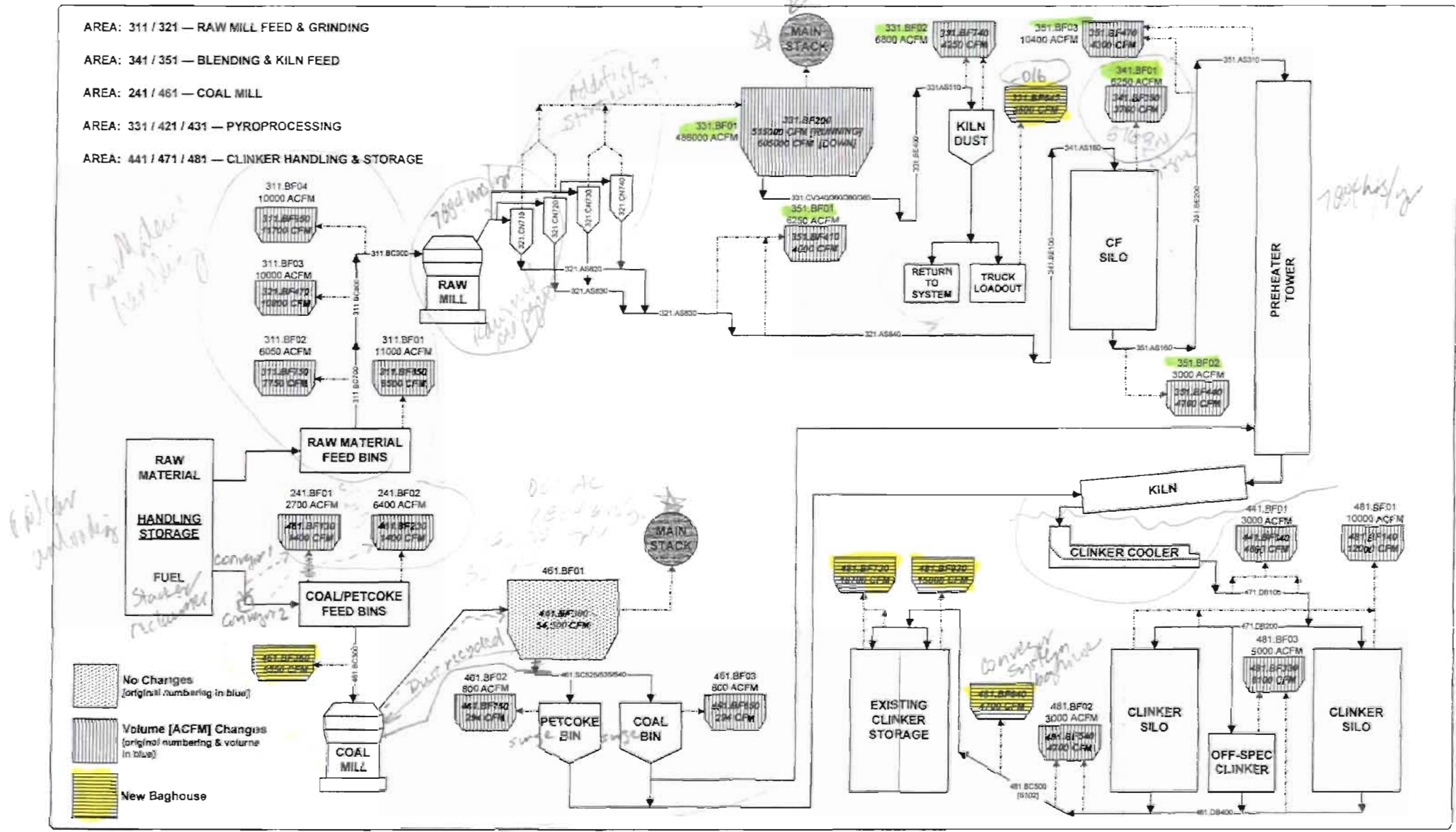
AREA: 311 / 321 — RAW MILL FEED & GRINDING

AREA: 341 / 351 — BLENDING & KILN FEED

AREA: 241 / 461 — COAL MILL

AREA: 331 / 421 / 431 — PYROPROCESSING

AREA: 441 / 471 / 481 — CLINKER HANDLING & STORAGE



DESCRIPTION	TITLE: PENNSUCO - PK5
FLOW DIAGRAM PMCD CHANGES	FILENAME: CEM-PK5-FLOWDIAGRAM-CHANGES.VSD
	LAST REVISION DATE: 2/27/2004

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TA-FI-CZ

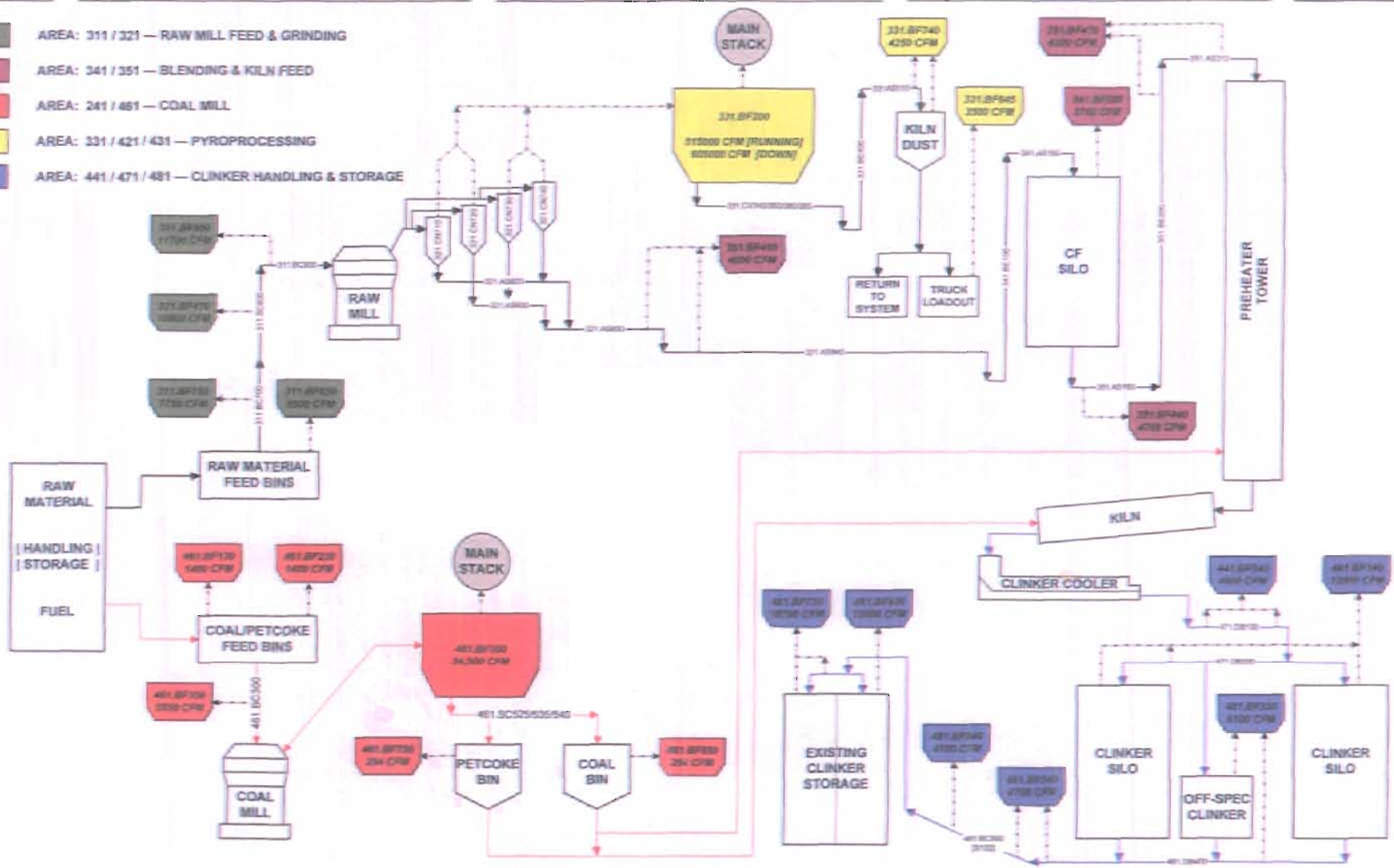
Preheater
Tower

Clinker
Storage
Silos

Clinker Transfer Conveyor
To Clinker Storage Silos



- AREA: 311 / 321 — RAW MILL FEED & GRINDING
- AREA: 341 / 351 — BLENDING & KILN FEED
- AREA: 241 / 461 — COAL MILL
- AREA: 331 / 421 / 431 — PYROPROCESSING
- AREA: 441 / 471 / 481 — CLINKER HANDLING & STORAGE



DESCRIPTION:

FLOW DIAGRAM

TITLE: PENNSUCCO - PKS

FILENAME: CEM-PKS-FLOWDIAGRAM.VSD

LAST REVISION DATE: 3/11/2004



VIA AIRBORNE EXPRESS

3 March 2004

Ms. Mallika Muthiah
Air Quality Management Division
Miami-Dade Environmental Resources Management
33 SW 2nd Avenue – Suite 900
Miami, Florida 33130-1540

RE: **Pennsuco Cement**
Miami-Dade County – AP
Air Construction Permit 0250020-010-AC

Dear Ms. Muthiah:

Please find enclosed two (2) original copies of an application to modify Air Construction Permit 0250020-010-AC for the new cement plant. The application is to reflect the final engineering and actual equipment to be installed. It also is to allow retention of existing Finish Mills Nos. 1 & 2 as replacement for proposed Finish Mill No. 6 [Finish Mill No. 6 will not be installed]. Additionally, the application includes replacing the existing cement separator for Finish Mill No. 3 with a new O-Sepa separator. A revised PSD applicability analysis was completed and shows the net change in emissions of all PSD regulated pollutants is below PSD significant emission rates.

I look forward to providing any additional information you may need to expedite the review of the enclosed application. Should you have any questions or need clarification please call me at the number above.

Sincerely,



Scott Quaas
Environmental Manager
Environmental Services—Florida Business

cc: A. Townsend
D. Buff – Golder Associates

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MAR 04 2004

Air Quality
Management Division

Tarmac
A Titan America Business

455 Fairway Drive
Deerfield Beach, FL 33441
(954) 481-2800
Fax (954) 421-0296
www.titanamerica.com

Environmental Services
Direct line (954) 425-4165
Direct fax (954) 480-9352
Email squaas@titanamerica.com

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MAR 08 2004

BUREAU OF AIR REGULATION



ENVIRONMENTAL RESOURCES MANAGEMENT
AIR QUALITY MANAGEMENT DIVISION
33 S.W. 2nd AVENUE
SUITE 900
MIAMI, FLORIDA 33130-1540
TELEPHONE: (305) 372-6925
FAX: (305) 372-6954

September 16, 2004

**CERTIFIED MAIL NO. 7000 0600 0025 3504 9212
RETURN RECEIPT REQUESTED**

Mr. Hardy Johnson
President, Florida Division
Tarmac America, LLC
455 Fairway Drive
Deerfield Beach, FL 33441

Subject: Kiln 5 Startup Logs received August 26, 2004 and, Transmittal Letters with Log Sheets received August 27, 2004 for the Tarmac America, LLC Tarmac Pennsuco facility, located at, near, or in the vicinity of 11000 NW 121 Way, in Medley, Miami-Dade County, Florida. [FDEP File No. 0250020]

Dear Mr. Johnson:

This is to bring your attention to Specific Condition No. A.13 in Air Construction Permit No. 0250020-010-AC. During a Department of Environmental Resources Management (DERM) courtesy phone call on August 26, 2004, Scott Quaas, Tarmac Environmental Manager, was advised of an impending enforcement action related to said Specific Condition. Following our phone discussion with Mr. Quaas, DERM received the above referenced documents via electronic mail submittal.

Based on staff review of the submitted documents, additional information is needed in order to make an appropriate compliance determination. Furthermore, DERM has concerns that Kiln 3 and Kiln 5 operated simultaneously in violation of Specific Condition A.13. Therefore, you are hereby advised to submit the following to our office within 7 days of receipt of this correspondence:

1. Explanation for the apparent simultaneous operation of Kiln 3 and Kiln 5 for the 12 days from 6/11 thru 6/22.
2. Log of hourly clinker production from Kiln 3 and Kiln 5 since the June 1, 2004 startup of Kiln 5.
3. Specific dates of introduction of kiln feed to the preheater/calcliner, and the specific dates of commencement & completion of Kiln 3 shutdown.

September 16, 2004
Tarmac America, LLC
File No. 0250020

4. 12-month rolling average ton per year emissions (SO₂, NO_x, CO, VOC, SAM, and PM/PM₁₀) for the months of May, June, July and August 2004.
5. Log of hourly clinker production logs since August 7, 2004 (as required in Specific Condition A.13 to be submitted weekly for the 180 days after startup of Kiln 5).

If you have any questions regarding the above, please contact Claire Jordahl or myself at 305-372-6925.

Sincerely,



Mallika Muthiah, P.E., Chief
Air Facilities Section

Copy: Scott Quaas, Tarmac America, LLC, 455 Fairway Drive, Deerfield Beach, FL 33441
Alvaro Linero, P.E., Florida Department of Environmental Protection, Tallahassee, FL.