

Dibble, Dickson

From: Dibble, Dickson
Sent: Thursday, April 08, 2010 7:35 AM
To: 'Thomas_Tittle@doh.state.fl.us'
Cc: Ajhar, Rebecca; Randall_Miller@doh.state.fl.us; Craig_Lattig@doh.state.fl.us
Subject: FW: Tarmac's Delray Beach RMC Plant Air General Permit Application Amendment
Attachments: Delray Beach Air Permit Application Amendment.doc; Delray Beach Air Permit dep62_210_920(8).doc

Tom,

I sincerely hope this is not an inconvenience to you, but in this instance, I am asking that Palm Beach County make the needed adjustments to the ARMS database for this facility.

I didn't realize when I first got involved, that this facility was last entitled by Palm Beach Co. Until such time this facility comes up for renewal through the Tallahassee office, PBCo DOH is the keeper of this particular facility's most recent file of record. I have no established hardcopy or electronic files for this facility, so there is nothing to compare with, other than the ARMS database, which was establish by your folks several projects ago.

So in this case, I have no problem with, and would appreciate the administrative adjustments being made by your office.

If you have any questions, comments or concerns please e-mail or call.

Thank you for all of your help and have a great day!

Regards,

Dick

Dickson E. Dibble, ES III

FL Dept of Environmental Protection
Div. of Air Resource Management
Bureau of Air Monitoring & Mobile Sources
Air General Permit Program
Tel. (850) 921-9586
FAX (850) 922-6979
ICG-#345

Dickson.Dibble@dep.state.fl.us



Please note: Florida has a very broad public records law. Most written communications to or from state officials regarding state business are public records available to the public and media upon request. Your e-mail communications may therefore be subject to public disclosure

From: Diaz Abigail [mailto:adiaz@titanamerica.com]
Sent: Wednesday, April 07, 2010 3:02 PM
To: Dibble, Dickson; Thomas_Tittle@dep.state.fl.us
Cc: Lancaster Terry
Subject: Tarmac's Delray Beach RMC Plant Air General Permit Application Amendment

Hi Gentlemen,

Please find attached the Tarmac Delray Beach Air Permit Application Amendment Letter.

As per your request, I have attached the Delray Beach Air General Permit Application. If you have any questions, feel free to contact me.

Thank you,
Abby Diaz

Abigail Diaz
Environmental Engineer
Titan America LLC
455 Fairway Drive, Suite 200
Deerfield Beach, Fl. 33441
Office: 954-425-4199
Fax: 954-480-9352
Cell: 561-252-0057
E-mail: adiaz@titanamerica.com

Tracking:

Recipient

'Thomas_Tittle@doh.state.fl.us'

Ajhar, Rebecca

Randall_Miller@doh.state.fl.us

Craig_Lattig@doh.state.fl.us

Delivery

Delivered: 4/8/2010 7:35 AM

RECEIVED ELECTRONICALLY
ADMINISTRATIVE CHANGE ONLY

RECEIVED

*SEE 04/08/10

CONCRETE BATCHING PLANT

APR 07 2010

ATTACHED E-MAIL AIR GENERAL PERMIT REGISTRATION FORM

Bureau of Air Monitoring
& Mobile Sources

To J. TITTLE, PBCo DOH

Part II. Notification to Permitting Office

(Detach and submit to appropriate permitting office; keep copy onsite)

Instructions: To give notice to the Department of an eligible facility's intent to use this air general permit, the owner or operator of the facility must detach and complete this part of the Air General Permit Registration Form and submit it to the appropriate Department of Environmental Protection or local air pollution control program office which has permitting authority. Please type or print clearly all information, and enclose the appropriate air general permit registration processing fee pursuant to Rule 62-4.050, F.A.C. (\$100 as of the effective date of this form)

0990129-003

Registration Type

Check one:

INITIAL REGISTRATION - Notification of intent to:

- Construct and operate a proposed new facility.
- Operate an existing facility not currently using an air general permit (e.g., a facility proposing to go from an air operation permit to an air general permit).

RE-REGISTRATION (for facilities currently using an air general permit) - Notification of intent to:

- Continue operating the facility after expiration of the current term of air general permit use.
- Continue operating the facility after a change of ownership.
- Make an equipment change requiring re-registration pursuant to Rule 62-210.310(2)(e), F.A.C., or any other change not considered an administrative correction under Rule 62-210.310(2)(d), F.A.C.

Surrender of Existing Air Operation Permit(s) - For Initial Registrations Only

If the facility currently holds one or more air operation permits, such permit(s) must be surrendered by the owner or operator upon the effective date of this air general permit. In such case, check the first box, and indicate the operation permits being surrendered. If no air operation permits are held by the facility, check the second box.

- All existing air operation permits for this facility are hereby surrendered upon the effective date of this air general permit; specifically permit number(s): _____
- No air operation permits currently exist for this facility.

General Facility Information

Facility Owner/Company Name (Name of corporation, agency, or individual owner who or which owns, leases, operates, controls, or supervises the facility.)

Tarmac America, Inc.

Site Name (Name, if any, of the facility site; e.g., Plant A, Metropolis Plant, etc. If more than one facility is owned, a registration form must be completed for each.)

Delray Beach RMC

Facility Location (Provide the physical location of the facility, not necessarily the mailing address.)

Street Address: 1300 S. Swinton Avenue

City: Delray Beach

County: Palm Beach

Zip Code: 33444

Facility Start-Up Date (Estimated start-up date of proposed new facility.) (N/A for existing facility)

Owner/Authorized Representative

Name and Position Title (Person who, by signing this form below, certifies that the facility is eligible to use this air general permit.)

Print Name and Title: Terry Lancaster-Environmental Manager

Owner/Authorized Representative Mailing Address

Organization/Firm: Tarmac America, Inc.

Street Address: 455 Fairway Drive

City: Deerfield Beach

County: FL

Zip Code: 33441

Owner/Authorized Representative Telephone Numbers

Telephone: 954-425-4227

Fax: 954-480-9352

Cell phone (optional): 561-504-6787

Facility Contact (If different from Owner/Authorized Representative)

Name and Position Title (Plant manager or person to be contacted regarding day-to-day operations at the facility.)

Print Name and Title: Terry Lancaster-Environmental Manager

Facility Contact Mailing Address

Organization/Firm: same as above

Street Address:

City:

County:

Zip Code:

Facility Contact Telephone Numbers

Telephone:

Fax:

Cell phone (optional):

Owner/Authorized Representative Statement

This statement must be signed and dated by the person named above as owner or authorized representative

I, the undersigned, am the owner or authorized representative of the owner or operator of the facility addressed in this Air General Permit Registration Form. I hereby certify, based on information and belief formed after reasonable inquiry, that the facility addressed in this registration form is eligible for use of this air general permit and that the statements made in this registration form are true, accurate and complete. Further, I agree to operate and maintain the facility described in this registration form so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof.

I will promptly notify the Department of any changes to the information contained in this registration form.

Signature

Date

Type of Facility

Check one:

Stationary Facility

Relocatable Facility

Type(s) of Reasonable Precautions Used to Prevent Unconfined Emissions

Check all precautions to be used for the management of roads, parking areas, stock piles and yards:

Pave Roads

Pave Parking Areas

Pave Yards

Maintain Roads/Parking/Yards

Use Water Application

Use Dust Suppressant

Remove Particulate Matter

Reduce Stock Pile Height

Install Wind Breaks

Check all precautions to be used for the management of drop points to trucks:

Spray Bar

Chute

Enclosure

Partial enclosure

Description of Reasonable Precautions

Below, or as an attachment to this form, provide details of all types of reasonable precautions to be used to prevent unconfined emissions at the facility.

Maintain dust collectors and perform a daily Method 22.

Description of Facility

Below, or as an attachment to this form, provide a description of the concrete batching plant operations at the facility in sufficient detail to demonstrate the facility's eligibility for use of this air general permit and to provide a basis for tracking any future equipment or process changes at the facility. Describe all air pollutant-emitting processes and equipment at the facility, and identify any air pollution control measures or equipment used.

Ready-mix concrete plant producing 130 cubic yards/hour [± 243 tons/hour] — 12 hours/day; 6 day/week; 52 weeks/year — emissions from cement/PenCem storage silos, weigh hopper, & RMC truck loadout controlled by a central dust collector and two baghouses.

Emission Unit 01

Vince Hagen Model VH-1203JP

Central dust collector controlling a cement stand alone silo, weigh hopper & mixer truck loadout spout. The collector has 110 – 6" x 84" bags with 1203 ft² of cloth area for an air to cloth ratio of 6:1. Bags are cleaned via reverse air.

Vent Heigh: ± 25 feet

Gas Flow Rate: 7200 ACFM

Water Vapor Content: Ambient

Vent Area: 3.0 ft²

Gas Exit Temperature: Ambient

Velocity: ~50 FPS

Emission Units 02 and 03

C&W Model LPR-8

Two top of silo mounted baghouses. Bothe silo and one controlling each compartment of a split storage silo. Each collector has 8 -8" x 39" cartridges with 386 total filtration area with an air to cloth ratio(ACFM/Ft²) of 6. Bags are cleaned via pulse jet with timer.

- Vent Height: ± 25 ft.
- Normal Air Capacity: 2340 ACFM
- Water Vapor Content: ambient
- Vent Area: 0.52 sq. ft.
- Gas Exit Temperature: ambient
- Velocity: approx. 75 FPS

Process Input Rate

± 25 tons per hour cementitious material loading rate into storage silos



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

April 6, 2010

Dick Dibble
Florida Department of Environmental Protection
Division of Air Resource Management
Bureau of Air Monitoring & Mobile Sources
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Re: Permit Application Correction
Tarmac America LLC, Delray Beach Ready Mix Plant
Permit Coverage ID No. 0990129-AG

Dear Mr. Dibble,

This correspondence is being sent in regard to the Tarmac America, LLC Delray Beach Air General Permit Application. (A copy has been attached to this correspondence.) Please be advised that there is an amendment that should be made to the description of the Central Dust Collector on page 10 of the Application. The description needs to include a cement stand alone silo to its dust controlling sources. Thus, it should read "Central Dust Collector controlling a cement stand alone silo, weigh hopper and mixer truck loadout sprout."

If you have any questions or require any additional information, feel free to contact me at 561-252-0057 or e-mail me at adiaz@titanamerica.com.

Thank you,

Abby Diaz
Environmental Engineer