

RECEIVED

OCT 06 2009

BUREAU OF AIR REGULATION

CF Industries

CF Industries, Inc.
Plant City
Phosphate Complex
P.O. Drawer L
Plant City, Florida 33564
813-782-1591
www.cfifl.com

October 01, 2009

Mr. Syed Arif, P.E.
Florida Department of Environmental Protection
Bureau of Air Regulation
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Subj: Permit 0570005-034-AC CF Industries Inc. Plant City
BART Exemption Project- Proof of Publication

Dear Mr. Arif,

Enclosed please find the subject proof of publication.

Please feel free to contact me at (813) 364-5753 if you have any questions.

Sincerely,



Ronald L. Brunk
Superintendent, Environmental Affairs

cc: D. Buff, Golder

PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMIT

Florida Department of Environmental Protection
Division of Air Resource Management
Bureau of Air Regulation
Air Construction Permit No. 0570005-034-AC
CF Industries, Inc., Plant City Phosphate Complex
Hillsborough County, Florida

Applicant: The applicant for this project is CF Industries, Inc. (CFI). The applicant's authorized representative and mailing address is: Mr. Ronald L. Brunk, Superintendent Environmental Affairs, CFI, Post Office Box Drawer L, Plant City, FL 33564.

Facility and Location: The applicant, CFI, operates the existing Plant City Phosphate Complex, which is located in Hillsborough County at 10608 Paul Buchman Highway, Plant City, Florida. The Plant City Phosphate Complex is an existing phosphate fertilizer facility.

Project: The Department issued (clerked) a "Written Notice of Intent to Issue Air Permit" on December 24, 2007 for an air construction permit for CFI's Plant City Phosphate Complex Best Available Retrofit Technology (BART) determination, Draft Permit No. 0570005-023-AC. Final action has not been taken on this permit due to a petition filed by the applicant, CFI, on January 25, 2008. The Department

hereby withdraws the "Written Notice of Intent to Issue Air Permit" issued on December 24, 2007.

On July 23, 2009, CFI submitted an air construction permit application to escape the requirements of Best Available Retrofit Technology (BART) pursuant to Rule 62-296.340(5)(c), Florida Administrative Code (F.A.C.) for the existing Plant City Phosphate Complex.

The BART-eligible units at this facility are listed in the draft permit and the Technical Evaluation and Preliminary Determination. The Department of Environmental Protection (Department) reviewed the application and makes a preliminary determination regarding the air pollution controls and measures, emission standards and limitations in the draft air construction permit for the facility to escape BART.

The applicant has proposed two emission reduction scenarios A and B for the BART-eligible emissions units at the Plant City Phosphate Complex. As part of this application, the applicant performed additional modeling under both scenarios at reduced air pollutant emission levels. The air dispersion modeling at the lower air pollutant levels brings this facility's visibility impact to below the 0.5 deciview (dv) threshold under both scenarios allowing the facility to escape a BART determination pursuant to Rule 62-296.340(5)(c), F.A.C. The facility's modeled visibility impact to the nearest Class I area (Chassahowitzka National Wilderness Area) under the BART exemption for scenario A is 0.499 dv and under scenario B is 0.433 dv.

In scenario A, CFI proposes to reduce production rates of C and D Sulfuric Acid Plants (SAPs) from 2,962 tons per day (TPD) to 2,600 TPD and reduce lower daily average sulfur dioxide (SO2) emissions rates from the A, B, C and D SAPs. SO2 emissions from the A and B SAPs will be reduced from the currently permitted 250.0 lb/hr and 233.3 lb/hr to 75.8 lb/hr and 93.3 lb/hr, 24-hour average, respectively. SO2 emissions from each of the C and D SAPs will be reduced from the currently permitted 401.1 lb/hr to 303.3 lb/hr, 24-hour average. NOx reductions would also occur as a result of the production decrease in the C and D SAPs, each reducing from 13.6 lb/hr to 11.9 lb/hr. Similarly, there would be a reduction in sulfuric acid mist (SAM) as a result of the production decrease in these units from 11.4 lb/hr to 10.1 lb/hr, each. CFI is not proposing any changes to the currently permitted particulate matter (PM) emission limits for the A, Z, X and Y Diammonium Phosphate/Monoammonium Phosphate (DAP/MAP) plants or the A and B Shipping Baghouses.

In scenario B, CFI proposes to reduce production rates of C and D SAPs from 2,962 TPD to 2,900 TPD and reduce lower daily average SO2 emissions rates from the A, B, C and D SAPs. SO2 emissions from the A and B SAPs will be reduced from the currently permitted 250.0 lb/hr and 233.3 lb/hr to 81.3 lb/hr and 100.0 lb/hr, 24-hour average, respectively. SO2 emissions from each of the C and D SAPs will be reduced from the currently permitted 401.1 lb/hr to 241.7 lb/hr, 24-hour average. As a result of the production decrease, NOx emissions in the C and D SAPs are reduced from 13.6 to 13.3 lb/hr and SAM emissions are reduced from 11.4 to 11.2 lb/hr, each. CFI is not proposing any changes to the currently permitted PM emission limits for the A, Z, X and Y DAP/MAP plants or the A and B Shipping Baghouses. The applicant will make a decision to implement scenario A or B no later than June 1, 2010, at which time, the scenario that is not implemented will become obsolete.

The Tampa Tribune

Published Daily

Tampa, Hillsborough County, Florida

State of Florida }
County of Hillsborough } SS.

Before the undersigned authority personally appeared C. Pugh, who on oath says that she is the Advertising Billing Analyst of The Tampa Tribune, a daily newspaper published at Tampa in Hillsborough County, Florida; that the attached copy of the

Legal Ads IN THE Tampa Tribune

In the matter of Legal Notices

was published in said newspaper in the issues of

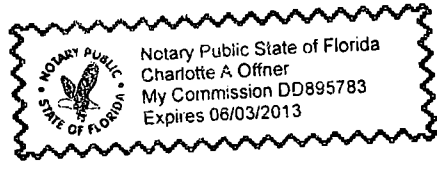
09/29/2009

Affiant further says that the said The Tampa Tribune is a newspaper published at Tampa in said Hillsborough County, Florida, and that the said newspaper has heretofore been continuously published in said Hillsborough County, Florida, each day and has been entered as second class mail matter at the post office in Tampa, in said Hillsborough County, Florida for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that she has neither paid nor promised any person, this advertisement for publication in the said newspaper.

Sworn to and subscribed by me, this 29 day
of Sept, A.D. 2009

Personally Known or Produced Identification _____
Type of Identification Produced _____

Charlotte A. Offner



Permitting Authority: Applications for air construction permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and F.A.C. Chapters 62-4, 62-210 and 62-212. The proposed project is not exempt from air permitting requirements and an air permit is required to perform the proposed work. The Bureau of Air Regulation is the Permitting Authority responsible for making a permit determination for this project. The Permitting Authority's physical address is: 111 South Magnolia Drive, Suite #4, Tallahassee, Florida. 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.

Project File: A complete project file is available for public inspection during the normal business hours of 8:00 a.m. to 5:00 p.m., Monday through Friday (except legal holidays), at address indicated above for the Permitting Authority. The complete project file includes the Draft Permit, the Technical Evaluation & Preliminary Determination, the application, and the information submitted by the applicant, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Permitting Authority's project review engineer for additional information at the address and phone number listed above. In addition, electronic copies of these documents are available on the following web site: <http://www.dep.state.fl.us/air/emission/apds/listpermits.asp>.

Notice of Intent to Issue Air Permit: The Permitting Authority gives notice of its intent to issue an air permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of proposed equipment will not adversely impact air quality and that the project will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C. The Permitting Authority will issue a Final Permit in accordance with the conditions of the proposed Draft Permit unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S. or unless public comment received in accordance with this notice results in a different decision or a significant change of terms or conditions.

Comments: The Permitting Authority will accept written comments concerning the proposed Draft Permit for a period of 14 days from the date of publication of the Public Notice. Written comments must be received by the Permitting Authority by close of business (5:00 p.m.) on or before the end of this 14-day period. If written comments received result in a significant change to the Draft Permit, the Permitting Authority shall revise the Draft Permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

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 at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S. must be filed within 14 days of publication of this Public Notice or receipt of a written notice, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Permitting Authority for notice of agency action may file a petition within 14 days of receipt of that notice, regardless of the date of publication. 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 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 rights will be affected by the agency determination; (c) A statement of when and how the petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so state; (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 Public Notice of Intent to Issue Air Permit. 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 for this proceeding.

7445

9/29/09