



# 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:

CF Industries, Inc.  
P.O. Box Drawer L  
Plant City, Florida 33564

<b>File No.</b>	0570005-021-AC
<b>Permit No.</b>	PSD-FL-355
<b>SIC No.</b>	2874
<b>Project:</b>	Sulfuric Acid and Phosphoric Acid Production Increase
<b>Expires:</b>	December 31, 2009

## Authorized Representative:

Herschel E. Morris  
V.P. Phosphate Operations & General Manager

## PROJECT AND LOCATION:

This permit authorizes modification of the Plant City Phosphate Complex to increase the production rate of the existing B Sulfuric Acid Plant (SAP) to 1,600 tons per day (TPD) and the A and B Phosphoric Acid Plants (PAP) to 1,699 and 2,530 TPD, respectively. The UTM coordinates are Zone 17; 388 km E; 3116 km N.

## STATEMENT OF BASIS:

This construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and the Florida Administrative Code (F.A.C.) Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297. The above named permittee is authorized to modify the facility in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

## ATTACHED APPENDICES ARE MADE A PART OF THIS PERMIT:

- Appendix A Best Operational Start-up Procedures for Sulfuric Acid Plants
- Appendix BD BACT Determination
- Appendix GC Construction Permit General Conditions

Executed in Tallahassee, Florida

  
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Joseph Kahn, Director  
Division of Air Resource Management

July 20, 2007  
(Date)

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
**NOTICE OF FINAL PERMIT**

In the Matter of an  
Application for Air Permit

Mr. Herschel E. Morris  
CF Industries, Inc. – Plant City Phosphate Complex  
Post Office Drawer L  
Plant City, Florida 33564

Air Permit No. PSD-FL-355  
Project No. 0570005-021-AC

Enclosed is the Final Permit which authorizes production rate increases for the B Sulfuric Acid Plant as well as A and B Phosphoric Acid Plants at Plant City Phosphate Complex in Plant City, Hillsborough County. This permit is issued pursuant to Chapter 403, Florida Statutes (F.S.) and Chapters 62-4 through 297 Florida Administrative Code (F.A.C) and Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

Any party to this order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, F.S., by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Legal Office; 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 of Appeal must be filed within 30 days from the date this order is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.

Trina L. Vielhauer, Chief  
Bureau of Air Regulation

**CERTIFICATE OF SERVICE**

The undersigned duly designated deputy agency clerk hereby certifies that this Notice of Final Permit (including the Final Permit) and all copies were sent electronically (with received receipt) before the close of business on 7/23/07 to the persons listed:

Herschel E. Morris, CF Industries, Inc. ([hmorris@cfifl.com](mailto:hmorris@cfifl.com))  
Jim Little, EPA ([little.james@epa.gov](mailto:little.james@epa.gov))  
Kathleen Forney, EPA ([forney.kathleen@epa.gov](mailto:forney.kathleen@epa.gov))  
Dee Morse, NPS ([dee\\_morse@nps.gov](mailto:dee_morse@nps.gov))  
Cindy Zhang-Torres, DEP-SWD ([cindy.zhang-torres@dep.state.fl.us](mailto:cindy.zhang-torres@dep.state.fl.us))  
Diana Lee, HCEPC ([lee@epchc.org](mailto:lee@epchc.org))  
David Buff, Golder Associates, Inc. ([dbuff@golder.com](mailto:dbuff@golder.com))  
Joseph Marini, RMT, Inc. ([joseph.marini@rmtinc.com](mailto:joseph.marini@rmtinc.com))

Clerk Stamp

**FILING AND ACKNOWLEDGMENT FILED**, on this date, pursuant to §120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

  

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(Clerk)

7/23/07  
(Date)