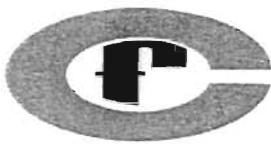


P.O. Drawer L.  
Plant City, Florida 33564-9007  
Telephone: 813/782-1591



**CF Industries, Inc.**

Plant City Phosphate Complex  
February 10, 2005

Mr. Syed Arif  
Permitting Engineer, Bureau of Air Regulation  
Department of Air Regulation  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

**RECEIVED**

FEB 14 2005

**Subject: CF Industries, Inc.**  
**Plant City Phosphate Complex**  
**"C" Sulfuric Acid Plant**  
**Third Quarter SO<sub>2</sub> CEM Data/Production Data**

BUREAU OF AIR REGULATION

Dear Mr. Arif:

Per your request, enclosed is a copy of the continuous emissions monitor data report for the "C" Sulfuric Acid Plant for the third quarter of 2004. Copies of the data were submitted to the attention of Ms. Trina Vielhauer on October 28, 2004, in accordance with Specific Condition 22 of Permit No. PSD-FL-339. The "D" Sulfuric Acid Plant had not yet been modified at the time of this report and therefore was not included.

The modification of the "D" Sulfuric Acid Plant is currently in progress.

If you have any questions concerning this submittal please contact Michael Messina at (813) 364-5639.

Sincerely,

*Thomas A. Edwards*  
Thomas A. Edwards  
Superintendent, Environmental  
Affairs

U:\2004ThirdQCEMProductionReSub.doc  
TAE/JMM/gem

CC: **Ms. Trina Vielhauer**  
J. M. Messina

P.O. Drawer L.  
Plant City, Florida 33564-9007  
Telephone: 813/782-1591



**CF Industries, Inc.**

Plant City Phosphate Complex

October 28, 2004

Ms. Trina Vielhauer  
Chief, Bureau of Air Regulation  
Department of Air Regulation  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

**Subject: CF Industries, Inc.**  
**Plant City Phosphate Complex**  
**"C" Sulfuric Acid Plant**  
**Third Quarter SO<sub>2</sub> CEM Data/Production Data**

Dear Ms. Vielhauer:

Enclosed, in accordance with Specific Condition 22 of Permit No. PSD-FL-339, are SO<sub>2</sub> data from the continuous emissions monitor and production data for the "C" Sulfuric Acid Plant during the third quarter of 2004. The "D" Sulfuric Acid Plant has not yet been modified and is therefore not included in this report.

The modification of the "D" Sulfuric Acid Plant is currently scheduled for February 2005.

If you have any questions concerning this submittal please contact Michael Messina at (813) 364-5639.

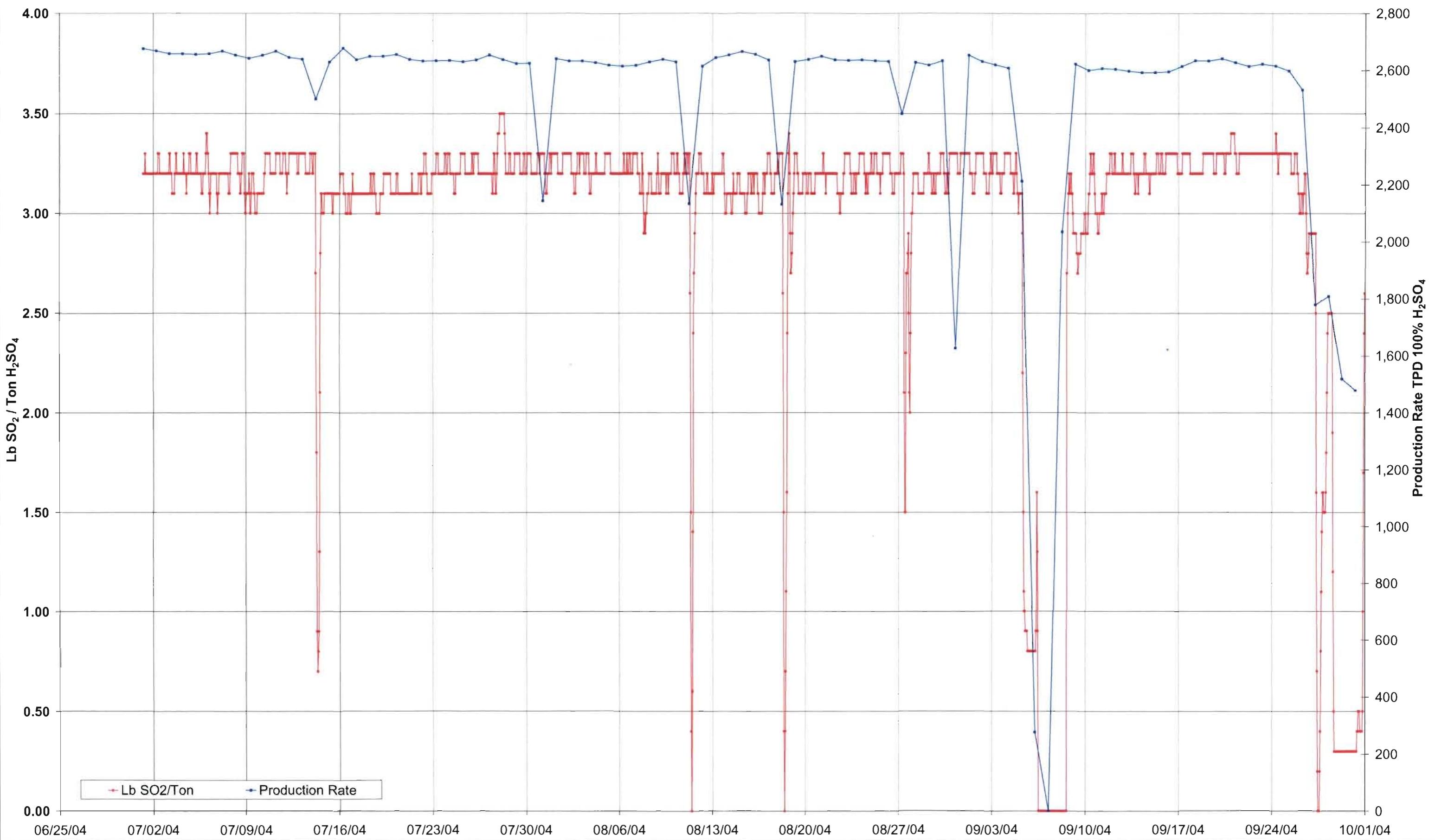
Sincerely,

*Thomas A. Edwards*  
Thomas A. Edwards  
Superintendent, Environmental  
Affairs

U:\2004ThirdQCEM/Production.doc

TAE/JMM/gem  
CC: Joel Smolen/FDEP  
Diana Lee/HCEPC  
J. M. Messina

**CF Industries Plant City Phosphate Complex**  
**C-SAP Quarterly Report, Hourly CEM Data - 3 Hr Rolling Avg**



# CF Industries, Inc. Plant City Phosphate Complex

## C-SAP Quarterly Report, Hourly Stack CEM Data - Lb SO<sub>2</sub>/Ton H<sub>2</sub>SO<sub>4</sub>

July 1, 2004 6:00 AM Through October 1, 2004 6:00 AM

3-Hr Rolling Average Period (Previous 2hrs & Indicated Hr)

	Daily Prod. Tons H <sub>2</sub> SO <sub>4</sub>	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	9:00 PM	10:00 PM	11:00 PM	12:00 AM	1:00 AM	2:00 AM	3:00 AM	4:00 AM	5:00 AM
7/1/2004	2,676	3.2	3.2	3.2	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
7/2/2004	2,668	3.2	3.2	3.2	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
7/3/2004	2,658	3.3	3.3	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
7/4/2004	2,658	3.2	3.2	3.3	3.2	3.2	3.2	3.2	3.1	3.2	3.2	3.2	3.2	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
7/5/2004	2,656	3.2	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.2	3.2	3.2	3.2	3.3	3.4	3.4	3.3	3.3	3.2	3.2
7/6/2004	2,658	3.1	3.0	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.0	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.2
7/7/2004	2,667	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
7/8/2004	2,653	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.1	3.1	3.2	3.2	3.3	3.3	3.3	3.3	3.1	3.0	3.0	3.1	3.1	3.1	3.1	3.1
7/9/2004	2,642	3.2	3.1	3.0	3.0	3.1	3.2	3.2	3.2	3.2	3.1	3.1	3.0	3.0	3.0	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
7/10/2004	2,653	3.1	3.1	3.1	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
7/11/2004	2,667	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.1	3.2	3.2	3.2
7/12/2004	2,645	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.3
7/13/2004	2,639	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.2	3.2	3.3	3.3	3.3	3.3
7/14/2004	2,500	2.7	1.8	0.9	0.7	0.8	0.9	1.3	2.1	2.8	3.1	3.1	3.0	3.0	3.0	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
7/15/2004	2,629	3.1	3.1	3.1	3.1	3.0	3.0	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2
7/16/2004	2,678	3.2	3.1	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.1	3.1	3.1	3.0	3.0	3.1	3.1	3.1	3.2	3.1	3.1	3.1	3.1	3.1	3.1
7/17/2004	2,638	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
7/18/2004	2,650	3.1	3.2	3.2	3.1	3.1	3.1	3.2	3.2	3.2	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.1	3.1	3.1	3.1
7/19/2004	2,650	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
7/20/2004	2,656	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
7/21/2004	2,639	3.1	3.1	3.1	3.1	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.1	3.1	3.2	3.2	3.2
7/22/2004	2,633	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
7/23/2004	2,634	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.3	3.2	3.2	3.3	3.3	3.3	3.3
7/24/2004	2,635	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.3
7/25/2004	2,631	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.2	3.2	3.3	3.3	3.3	3.3	3.3
7/26/2004	2,637	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
7/27/2004	2,654	3.2	3.2	3.2	3.2	3.1	3.1	3.2	3.3	3.3	3.2	3.1	3.1	3.2	3.3	3.4	3.4	3.4	3.5	3.5	3.5	3.5	3.5	3.5	3.5
7/28/2004	2,638	3.5	3.5	3.4	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.3
7/29/2004	2,624	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.2	3.2	3.2	3.2	3.3	3.3	3.3	3.3
7/30/2004	2,625	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.2	3.3	3.3	3.3	3.3	3.3
7/31/2004	2,144	3.3	3.3	3.3	3.2	3.2	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.3	3.3	3.2	3.3	3.3							

# **CF Industries, Inc. Plant City Phosphate Complex**

## **C-SAP Quarterly Report, Hourly Stack CEM Data - Lb SO<sub>2</sub>/Ton H<sub>2</sub>SO<sub>4</sub>**

**July 1, 2004 6:00 AM      Through      October 1, 2004 6:00 AM**

## **3-Hr Rolling Average Period (Previous 2hrs & Indicated Hr)**