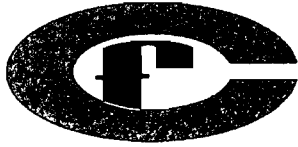


P.O. Drawer L.  
Plant City, Florida 33564-9007  
Telephone: 813/782-1591



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

August 2, 2004

RECEIVED

AUG 02 2004

BUREAU OF AIR REGULATION

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

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 rate 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" Plant has been re-scheduled from the fall of 2004 to February 2005.

Please call the undersigned at 813-364-5608 if there are any questions.

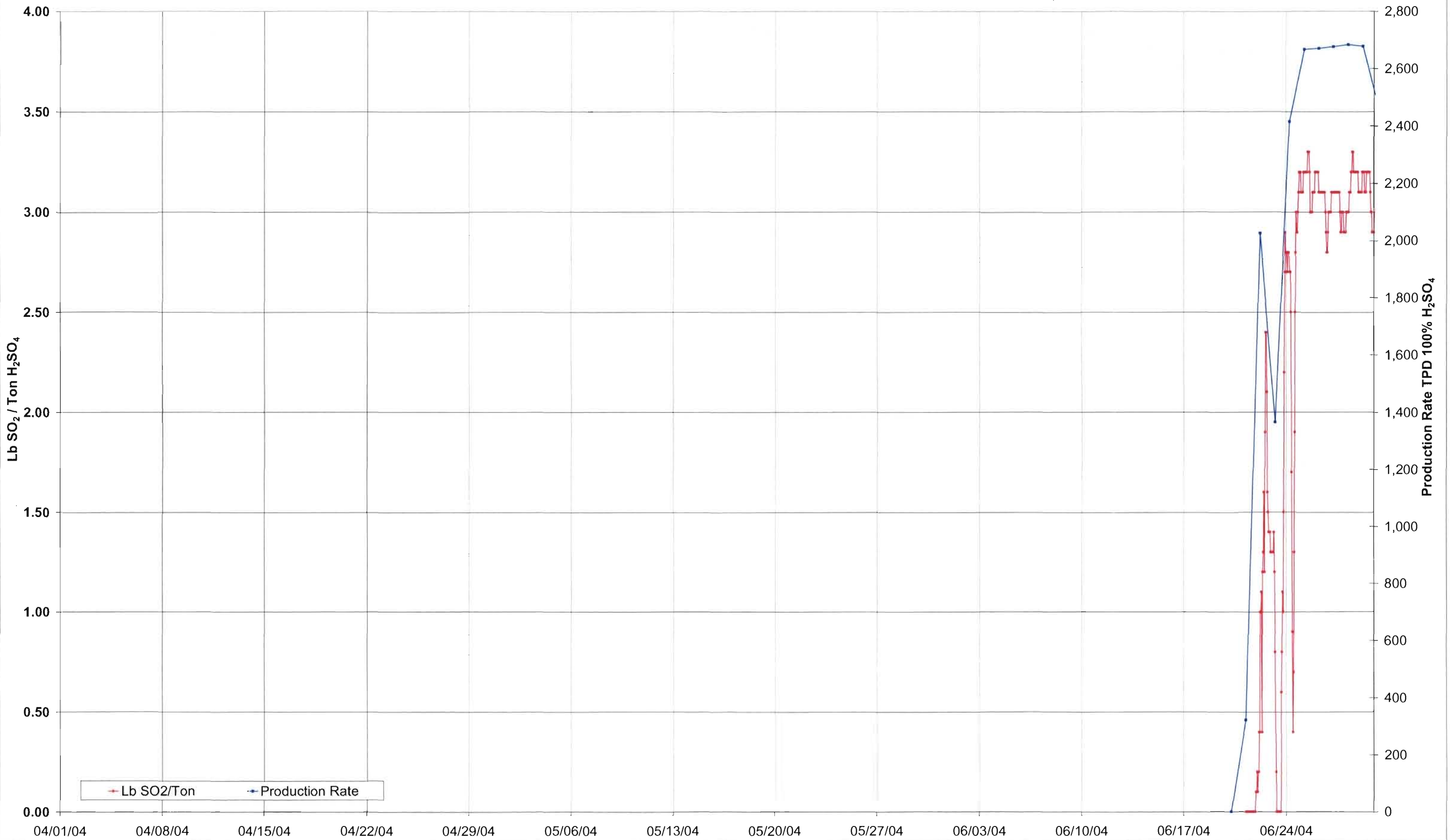
Sincerely,

Thomas A. Edwards  
Superintendent, Environmental Affairs

Enclosures

cc: R.C. May  
J.M. Messina/Environmental File

# 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>

### April 1, 2004 6:00 AM Through July 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
5/19/2004																									
5/20/2004																									
5/21/2004																									
5/22/2004																									
5/23/2004																									
5/24/2004																									
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6/17/2004																									
6/18/2004																									
6/19/2004																									
6/20/2004																									
6/21/2004	323	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.2	0.2	0.4	0.4
6/22/2004	2,026	1.0	1.0	1.1	0.4	1.2	1.3	1.6	1.2	1.9	2.4	2.4	2.1	1.6	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.4	1.2
6/23/2004	1,365	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.8	1.1	1.0	1.5	2.2	2.7	2.9	2.8	2.8	2.7	2.8	2.8	2.8
6/24/2004	2,416	2.7	2.7	2.5	1.7	0.9	0.4	0.7	1.3	1.9	2.5	2.8	3.0	2.9	2.9	3.0	3.1	3.2	3.1	3.2	3.1	3.1	3.1	3.1	3.2
6/25/2004	2,667	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.3	3.2	3.0	3.0	3.0	3.0	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.2
6/26/2004	2,670	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	2.9	2.8	2.8	2.9	3.0	3.0	3.0	3.0	3.0	3.1	3.1
6/27/2004	2,676	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	2.9	2.9	3.0	3.0	3.0	2.9	2.9	2.9	2.9	3.0	3.0
6/28/2004	2,683	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.2
6/29/2004	2,677	3.2	3.2	3.2	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.0	3.0	2.9	2.9	2.9	2.9	3.0	3.0	3.1	3.2	3.3
6/30/2004	2,476	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	3.3	3.3	3.2	3.2	3.2	3.2	3.1	3.1