



Department of Environmental Protection

Lawton Chiles
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Virginia B. Wetherell
Secretary

July 22, 1998

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. David B. Jellerson, P.E.
Environmental Superintendent
Cargill Fertilizer, Inc.
8813 US Highway 41 South
Riverview, Florida 34221

Re: DEP File No. 0570008-022-AC (PSD-FL-209)
Sulfuric Acid Plants Nos. 8 & 9

Dear Mr. Jellerson:

The Department reviewed your request to revise certain specific conditions in the air construction permit for Sulfuric Acid Plants Nos. 8 and 9 as described in comments received on January 26 and April 20, 1998. The request is to allow the shifting of 200 tons per day of sulfuric acid capacity from the No. 8 plant to the No. 9 plant. The two plants were expanded between 1995 and 1998 through a single air construction (PSD) permit which is still in effect. The revised production breakdown between the two plants could have been proposed earlier under the permit to increase production. However, the company only determined after completing the project that the revised breakdown is more efficient. The Department's analysis was discussed in the technical evaluation distributed with the Intent to Issue Air Construction Permit Modification. The Public Notice of Intent to Issue Air Construction Permit Modification was published in the Tampa Tribune on June 17, 1998. Comments were not submitted in response to the public notice. The permit is hereby modified as follows:

SPECIFIC CONDITION NO. 1

1. The maximum production rate of the No. 8 sulfuric acid plant shall not exceed ~~2900~~ 2700 tons per day (TPD) based on 100% sulfuric acid (H₂SO₄).

SPECIFIC CONDITION NO. 2

2. The maximum production rate of the No. 9 sulfuric acid plant shall not exceed ~~3200~~ 3400 tons per day (TPD) based on 100% sulfuric acid (H₂SO₄).

SPECIFIC CONDITION NO. 6

6. Sulfur dioxide (SO₂) emissions from each sulfuric acid production unit shall be as follows, [Rule 62-296.800, F.A.C.; 40 CFR 60.82(a)]:

Plants	TPD	lb/ton	lb/hr	TPY
H ₂ SO ₄ No. 8	2900 <u>2700</u>	4.0	483.3 <u>450.0</u>	2,117 <u>1,971</u>
H ₂ SO ₄ No. 9	3200 <u>3400</u>	4.0	533.3 <u>566.7</u>	2,336 <u>2,482</u>
Total (combined)	5,700	4.0	950	4,161

SPECIFIC CONDITION NO. 7

7. Acid mist emissions, expressed as H₂SO₄, from each sulfuric acid production unit shall be as follows, [Rule 62-296.800, F.A.C.; 40 CFR 60.83(a)(1)]:

Plants	Production			
	TPD	lb/ton	lb/hr	TPY
H ₂ SO ₄ No. 8	2900 <u>2,700</u>	0.15	18.1 <u>16.9</u>	79.3 <u>73.9</u>
H ₂ SO ₄ No. 9	3200 <u>3,400</u>	0.15	20.0 <u>21.3</u>	87.6 <u>93.1</u>
No. 8 & No. 9 combined	5,700	0.15	35.6	156.0

A copy of this letter shall be filed with the referenced permit and shall become part of the permit. This permit modification is issued pursuant to Chapter 403, Florida Statutes. Any party to this order has the right to seek judicial review of it under section 120.68 of the Florida Statutes, by filing a notice of appeal under rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000, 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 must be filed within thirty days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida.



Howard L. Rhodes, Director
Division of Air Resources
Management

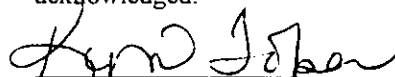
CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this PERMIT MODIFICATION was sent by certified mail (*) and copies were mailed by U.S. Mail before the close of business on 7-22-98 to the person(s) listed:

Mr. David B. Jellerson, Cargill *
Ms. Kathy Edgemon, Cargill
Mr. Brian Beals, EPA
Mr. John Bunyak, NPS
Mr. David Buff, P.E., Golder Assoc.
Mr. Bill Thomas, SWD
Mr. Jerry Campbell, HCEPC

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.


(Clerk) 7-22-98
(Date)

Is your RETURN ADDRESS completed on the reverse side?

SENDER: ■ Complete items 1 and/or 2 for additional services. ■ Complete items 3, 4a, and 4b. ■ Print your name and address on the reverse of this form so that we can return this card to you. ■ Attach this form to the front of the mailpiece, or on the back if space does not permit. ■ Write "Return Receipt Requested" on the mailpiece below the article number. ■ The Return Receipt will show to whom the article was delivered and the date delivered.		I also wish to receive the following services (for an extra fee): 1. <input type="checkbox"/> Addressee's Address 2. <input type="checkbox"/> Restricted Delivery Consult postmaster for fee.	
3. Article Addressed to: David B. Jellerson, PE Carsill Fertilizer 8813 US Hwy 41 S. Riverview, FL 34221		4a. Article Number P 265 659 391	
		4b. Service Type <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Certified <input type="checkbox"/> Express Mail <input type="checkbox"/> Insured <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> COD	
		7. Date of Delivery 7-27-98	
5. Received By: (Print Name) Roy Burnett		8. Addressee's Address (Only if Requested and fee is paid)	
6. Signature: (Addressee or Agent) X Roy Burnett			

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PS Form 3811, December 1994

102595-97-B-0179

Domestic Return Receipt

P 265 659 391

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
 Do not use for International Mail (See reverse)

Sent to		D. Jellerson	
Article & Number		Carsill Fert.	
Post Office, State, & ZIP Code		Riverview, FL	
Postage	\$		
Certified Fee			
Special Delivery Fee			
Restricted Delivery Fee			
Return Receipt Showing to Whom & Date Delivered			
Return Receipt Showing to Whom, Article, & Addressee's Address			
TOTAL Postage & Fees	\$		
Postmark or Date		7-22-98	
PSD-FI-209		SAP 8 + 9	

PS Form 3800, April 1995