



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Lawton Chiles, Governor

Carol M. Browner, Secretary

October 5, 1992

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. David B. Jellerson, P.E.
Environmental Supervisor
Cargill Fertilizer, Inc.
8813 Highway 41 South
Riverview, FL 33569

Dear Mr. Jellerson:

RE: Air Construction Permit No. AC 29-196763
Request for Permit Extension

The Bureau of Air Regulation received your September 25, 1992, request for the above referenced project. On October 30, 1991, Rule 17-4.050(4)(o), F.A.C., was changed to require a \$50 processing fee for a permit extension; therefore, we will not be able to take action on your request until the fee is received. If you have any questions, please call Patty Adams at (904)488-1344.

Sincerely,

Patricia G. Adams

for C. H. Fancy, P.E.
Chief
Bureau of Air Regulation

CHF/pa

cc: John Reynolds

P 062 921 893



Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to	David Johnson	
Street and No.	Cassell Fort.	
City, State and ZIP Code	Riverwood, FL	
Postage	\$	
Certified Fee		
Special Delivery Fee		
Restricted Delivery Fee		
Return Receipt Showing to Whom & Date Delivered		
Return Receipt Showing to Whom, Date, and Addressee's Address		
TOTAL Postage & Fees	\$	
Postmark or Date	10-6-92	
	AC 29-196763	

PS Form 3800, June 1991

SENDER: Complete Items 1, 2, 3 and 4.

Put your address in the RETURN TO address on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) if desired.

1. Return to whom, date and address of delivery.

2. Restricted Delivery.

Article Addressed to:
David G. Johnson, P.O.
Cassell Fort
313 Hwy 71 S.
Riverwood, FL 33569

Type of Service:
 Registered
 Certified
 Express Mail
 Insured
 COD

Article Number: P062 921 893

Always Obtain Signature of addressee or agent and
DATE DELIVERED:

Signature of Addressee: *[Signature]*

Signature of Agent: *[Signature]*

Date of Delivery: 10/6/92

3. Addressee's Address (ONLY if requested and fee paid)

TURN RECEIPT



State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To _____	Location _____
To _____	Location _____
To _____	Location _____
From _____	Date _____

Interoffice Memorandum

TO: Carol M. Browner
FROM: Howard L. Rhodes *HR*
DATE: October 8, 1992
SUBJ: Permit Modification - Cargill Fertilizer, Inc.
AC29-196763 (PSD-FL-178)

Attached for your approval and signature is a permit modification prepared by the Bureau of Air Regulation to increase the production rate of the No. 5 Diammonium Phosphate plant at Cargill's facility in Riverview, Florida. This production increase is not controversial and will not result in any increase in allowable emission rates.

I recommend that this permit modification be approved.

HLR/JR/plm

Attachments

1565
OK
GAT



CARGILL FERTILIZER, INC.

8813 Highway 41 South - Riverview, Florida 33569 - Telephone 813-677-9111 - TWX 810-876-0648 - Telex 52666 - FAX 813-671-6146

September 25, 1992

CERTIFIED MAIL #: 303 011 417

Mr. Clair Fancy
Bureau of Air Quality Management
Florida Department of Environmental Regulation
2600 Blair Stone Rd.
Tallahassee, FL 32399-2400

Subject: Construction Permit AC29-196763
No. 5 DAP Plant Expansion

Dear Mr. Fancy,

Due to difficulties in reaching the production rates authorized by the above-referenced construction permit, Cargill Fertilizer, Inc. requests that the expiration date of this permit be changed from December 31, 1992 to June 30, 1994 (18-month extension).

Due to unexpected difficulties in product granulation, we have been unable to operate at rates anticipated in the permit application. In order to correct these production problems, we anticipate the need to increase the size of the granulator. The extension for the permit is to provide the time needed to order the necessary equipment and perform the work.

Attached, please find the results of a performance test conducted to provide you with assurance that the source is operating within the BACT limitations established in the construction permit. This test (conducted on 9/24/92) demonstrates that the source is operating within established emission limitations.

Should you have any questions or require additional information, please feel free to call me at 671-6207.

Sincerely,

David B. Jellerson, P.E.
Environmental Supervisor

cc: B. Thomas - FDER, Tampa
G. Kissel - EPCHC
D. Buff - KBN
O. Morris, Wilcox, Singletary

P-44
G. Reynolds
G. Harper, EPA
B. Mitchell, NPS

RECEIVED

OCT 2 1992

Division of Air
Resources Management



recycled paper

2.0 SUMMARY OF TEST DATA

The results of the emission testing are presented in Tables I, II and III. The average Particulate emission from this source was 5.133 lbs/hr and .08 lbs/ton P_2O_5 . The average Fluoride emission from this source was 1.249 lbs/hr and .02 lbs/ton P_2O_5 . The average Sulfur Dioxide emission from this source was 0.228 lbs/hr. Therefore, this source was operating within the limits of compliance during testing on September 24, 1992.

TABLE I

TEST SUMMARY - PARTICULATE

CARGILL - #5 D.A.P.

SEPTEMBER 24, 1992

RUN NO.	PARTICLT. (LBS/HR)	CONCNRTRN (GR/DSCF)	GAS FLOW (ACFM)	GAS FLOW (DSCFM)	VOLM. AIR (VMSTD)	ISOKENET. (%)
1	4.759	.0054827	119,260	101,278	38.27	100.80%
2	7.801	.0094105	116,303	96,722	37.22	102.64%
3	2.841	.0032809	122,026	101,025	38.56	101.81%
AVG.	5.133	0.006058	119,196	99,675	38.02	101.75%

TABLE II

TEST SUMMARY - FLUORIDE

CARGILL - #5 D.A.P.

SEPTEMBER 24, 1992

RUN NO.	FLUORIDE (LBS/HR)	CONCNTRTN (GR/DSCF)	GAS FLOW (ACFM)	GAS FLOW (DSCFM)	VOLM. AIR (VMSTD)	ISOKENET. (%)
1	0.871	.0010038	119,260	101,278	38.27	100.80%
2	0.890	.0010737	116,303	96,722	37.22	102.64%
3	1.985	.0022926	122,026	101,025	38.56	101.81%
AVG.	1.249	0.001457	119,196	99,675	38.02	101.75%

TABLE IIITEST SUMMARY - SO₂

CARGILL - #5 D.A.P.

SEPTEMBER 24, 1992

RUN NO.	SO ₂ (LBS/HR)	CONCENTRATION (PPM)	GAS FLOW (ACFM)	GAS FLOW (DSCFM)	VOLM. AIR (VMSTD)
1	0.547	0.544	119,260	101,278	33.338
2	0.117	0.117	116,303	96,722	33.455
3	0.026	0.026	122,026	101,025	33.728
AVG	0.228	0.229	119,196	99,675	33.507



8813 Highway 41 South - Riverview, Florida 33569 - Telephone 813-677-9111 - TWX 810-876-0648 - Telex 52666 - FAX 813-671-6146

AIRBORNE

September 18, 1992

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SEP 21 1992

Bureau of
Air Regulation

Mr. Clair Fancy
Florida Department of Environmental
Regulation
2600 Blair Stone Road
Tallahassee, FL 32399

Subject: Proof of Publication
Notice of Intent to Issue
Modifications to Permits for
Cargill Fertilizer, Inc. to
Increase the Production Rate of
No. 5 DAP Facility - AC29-196763

Gentlemen:

You will find enclosed Proof of Publication as required by
Florida State Department of Environmental Regulation
following receipt of an application for above listed permits
from Cargill Fertilizer, Inc.

If there are any questions, please contact me.

Sincerely,

A handwritten signature in cursive script that reads "David B. Jellerson".

David B. Jellerson
Environmental Supervisor

Enclosure

/dh

File: P-44A

cc: *J. Reynolds*
B. Thomas
J. Campbell



recycled paper

THE TAMPA TRIBUNE
 Published Daily
 Tampa, Hillsborough County, Florida

State of Florida }
 County of Hillsborough } ss.

Before the undersigned authority personally appeared R. Putney, who on oath says that he is Accounting Manager of The Tampa Tribune, a daily newspaper published at Tampa in Hillsborough County, Florida; that the attached copy of advertisement being a

.....
 LEGAL NOTICE

in the matter ofNOTICE OF INTENT TO ISSUE.....

.....
 was published in said newspaper in the issues of9./4./92.....

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 he has neither paid nor promised any person, firm, or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Sworn to and subscribed before me, this.....10.....day
 ofSEPTEMBER.....
A.D. 19.....

(SEAL)

R. Putney
Gregory



STATE OF FLORIDA
 DEPARTMENT OF ENVIRONMENTAL REGULATION
 NOTICE OF INTENT TO ISSUE MODIFICATION OF PERMIT
 The Department of Environmental Regulation hereby gives notice of its intent to issue a modification of permit to Cargill Fertilizer, Inc., 8813 Highway 41 South, Riverview, Florida 33569, to increase the production rate of the No. 5 Diammonium Phosphate plant at their facility in Riverview, Hillsborough County, Florida. This modification is a modification of the permit taken by it in this notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.
 The modification request is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:
 Department of Environmental Regulation
 Bureau of Air Regulation
 2600 Blair Stone Road
 Tallahassee, Florida
 32399-2400
 Department of Environmental Regulation
 Southwest District Office
 4520 Oak Fair Blvd.
 Tampa, Florida 33610-7347
 Environmental Protection Commission
 of Hillsborough County
 1900 - 9th Avenue
 Tampa, Florida 33605
 Any person may send written comments on the proposed action to Mr. Preston Lewis at the Department's Tallahassee address. All comments received within 30 days of the publication of this notice will be considered in the Department's final determination.
 Further, a public hearing can be requested by any person. Such requests must be submitted within 30 days of this notice.
 4189 9/4/92