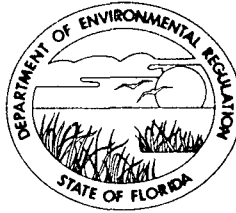


STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301



BOB GRAHAM
GOVERNOR
VICTORIA J. TSCHINKEL
SECRETARY

April 19, 1982

J. M. Baretincic
Director, Environmental Services
International Minerals & Chemical Corp.
New Wales Operations
Post Office Box 1035
Mulberry, Florida 33860

Dear Mr. Baretincic:

This is to acknowledge receipt of your application to construct a new product dedusting system adjacent to the Multifos plant in Mulberry, Florida. Your receipt for the processing fee of \$20.00 is attached. The permit processing number is AC 53-54878. Please refer to this number on future correspondence.

If we may be of further assistance, please feel free to call at (904)488-1344.

Sincerely,

Patty Adams
Bureau of Air Quality
Management

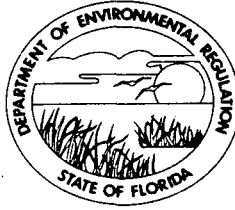
/pa

Attachment

cc: T. H. Traylor

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301



BOB GRAHAM
GOVERNOR
VICTORIA J. TSCHINKEL
SECRETARY

May 3, 1982

Mr. T. H. Traylor
IMCC - New Wales Operations
P. O. Box 1035

Dear Mr. Traylor:

The Department of Environmental Regulation has received and reviewed for completeness your application No. AC53-54878 for the construction of a multifos product dedusting system with a bag collector. The application is incomplete because it requires additional information and clarification. The information required to complete the application is listed below:

- I. Section V: Supplemental Requirements of the DER form 17-1.122(16) are missing. Specifically, we need the responses to questions No. 1, 2, 3, 4, and 5.
- II. There is an inconsistency on Section III C: Based on the proposed operating time and an hourly emission rate of 3.6 lb/hr, the particulate matter emission rate will be greater than the 4TPY listed.

The proposal for trading the allowable emissions of the existing bag collector (A053-7026) for the new bag collector emission limit is not appropriate. Under PSD this trade would not be acceptable unless the existing limits were federally enforceable. In this case, due to the small annual emissions proposed, PSD does not apply. We, therefore must have grain loading and annual emissions figures for both bag collectors in order to maintain records for future modifications to your facility.

This permit will, however, be processed as a minor modification to a major facility. Since it will be a replacement for the existing collector, the permit will revoke the operating permit for the existing collector.

Mr. T. H. Traylor
May 3, 1982
Page No. 2

If you have any questions regarding the information requested, please contact Teresa M. Heron at (904) 488-1344. We will resume processing your application as soon as this information is received.

Sincerely,

A handwritten signature in cursive script that reads "Bill Thomas".

Bill Thomas P.E.
Central Air Permitting
Bureau of Air Quality Management

BT/TH/jf

PS Form 3811, Jan. 1978

SENDER: -Complete items 1, 2, and 3.
Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one.)

Show to whom and date delivered. \$

Show to whom, date and address of delivery. \$

RESTRICTED DELIVERY
Show to whom and date delivered. \$

RESTRICTED DELIVERY.
Show to whom, date, and address of delivery. \$

(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO:
Mr. T.H. Traylor, IMCC-New
Wales Operations, P. O. Box
1035, Mulberry, FL 33860

3. ARTICLE DESCRIPTION:

REGISTERED NO.	CERTIFIED NO.	INSURED NO.
	P16-7682494	

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE Addressee Authorized agent

4. DATE OF DELIVERY: 5/6/82 POSTMARK: [Stamp]

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE: CLERK'S INITIALS

☆EPO : 1979-300-469

P167682494
RECEIPT FOR CERTIFIED MAIL
 NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

PS Form 3800, Apr. 1976

SENT TO		Mr. T.H. Traylor, IMCC	
STREET AND NO.		P. O. Box 1035	
P.O., STATE AND ZIP CODE		Mulberry, FL 33860	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	c	
	SPECIAL DELIVERY	c	
	RESTRICTED DELIVERY	c	
	OPTIONAL SERVICES RETURN RECEIPT SERVICE	SHOW TO WHOM AND DATE DELIVERED	c
		SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	c
		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	c
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY		c	
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE			

BEST AVAILABLE COPY

NEW WALES OPERATIONS
P.O. Box 1035 • Mulberry, Florida 33860
Telephone: (813) 428-2531



INTERNATIONAL MINERALS & CHEMICAL CORPORATION

May 7, 1982

DER
MAY 10 1982
BAC

Veresa
Mr. Bill Thomas, P.E.
Central Air Permitting
Florida Department of Environmental Regulation
2600 Blair Stone Road
Tallahassee, Florida 32301

Re: A053-54878

Dear Mr. Thomas:

In response to your letter of May 3, 1982 the following information should allow you to continue to process the application referenced above.

I. Section V

1. The system as described in the application is in itself not a production unit. This system is designed to recover product which is too dusty to ship and return it for further processing to the system. As such, the maximum flow to and from the system will be equal to less than 50,000 lbs/hr.
2. Emission estimate: This unit is designed to replace an existing 1500 CFM dust collector which was originally permitted under the process weight tables. Under an agreement with DER this unit was re-permitted at an allowable limit of 3.6 lbs/hr as part of a BACT determination for a new DAP plant. The 3.6 lbs/hr level was arrived at through computer modeling as an acceptable limit which, in conjunction with similar reductions on other bag collectors, would allow New Wales to construct our new plant without degradation of the ambient particulate levels. This unit is guaranteed by the manufacturer to emit a maximum of .02 grains per SCF. As such, the calculated maximum emission would not exceed 4.0 TPY. The maximum hourly emission rate would be .86 lbs/hr. The potential emission levels as stated in the permit reflect the potential based on 3.6 lbs/hr and not the level as calculated using the .02 grain/SCF.

Mr. Bill Thomas, P.E.
Central Air Permitting
Florida DER

May 7, 1982

I. Section V (cont.)

3. See Item 2.
4. Design Details - see attachment
5. Device Efficiency - see attachment

II. Section III-C

The existing 1500 CFM collector was tested as part of the requirements of the BACT determination and actual levels of emissions at the time of testing were .03 lbs particulate/hr. This unit at an emission level of .02 grains/SCF would emit .26 lbs/hr. The test information on this collector and the other collectors was submitted to DER, Tampa and is in their files for your review.

If you feel that the above information is still insufficient for you to proceed with permitting, please let me know and I will be happy to meet with you and discuss the matter further.

Very truly yours,



A. L. Girardin
Environmental Services Supervisor

ALG:ph

cc: R. R. Garrett - Florida DER
Teresa M. Heron
J. M. Baretincic
T. H. Traylor

QUOTATION



Subsidiary of

MikroPul CORPORATION

cc: Luis Calderon - Mikro
Ray Foucher - Linde

UNITED STATES FILTER CORPORATION
10 Chatham Road • Summit, N.J. 07901 • (201) 273-6360

DATE: February 1, 1982

TO: Pan American Services, Inc.
P.O. Box 2283
Lakeland, Florida 33803
ATTN: Mr. Rob Garcia

FOR: New Wales Chemicals, Inc.
Multiphos Dedusting Project

RECEIVED
DATE FEB 8 1982

YOUR REF: Product Surge Tank Dust Collector

ONE (1) Mikro-Pulsaire Dust Collector, continuous automatic type Model 81STR-8-20 (top bag removal type) with housing and hopper in factory welded construction. Unit to operate under the following conditions:

- Gas Volume: 5,000 ACFM ✓
- Temperature: 175°F. Avg. ✓
- Dust Loading: Inlet Estimate 10 Grains/SCF
- Filter Rate: 6.57:1 ✓
- Product: Defluorinated Phosphate
- Application: Nuisance Venting (Bucket Elevator, Conveyor Transfer, Bin)
- Collector Efficiency: Dust load leaving Mikro-Pulsaire will not exceed 0.02 Gr's/SCF

EQUIPMENT TO CONSIST OF THE FOLLOWING:

- One (1) Filter case housing, plenum and hopper constructed of 12 gauge hot rolled steel, factory welded construction in shippable size sections.
- One (1) Set of filter bags consisting of (81) bags, 8' long fabricated with 16 oz. Polyester (Dacron) filter fabric, to provide a total of 761 sq.ft. of filter area. Maximum operating temperature is 275°F. Bags shipped loose for field installation by others, to be installed from top of plenum housing.
- One (1) Set of (81) aluminum venturies, top removal type, shipped loose

When ordering this material, please indicate if it is tax exempt and exemption number; or if a tax applies, the amount or percentage of the tax.

FOB: Factory - Summit, N.J.

SHIPMENT:

(A) Time needed to submit detailed drawings for approval (when required) ... 3-4 Weeks

Net 10th Prox.

TERMS: No Taxes Included.

(B) Time needed to complete fabrication after receipt of approved drawings (when required) 8-10 Weeks after Approval.

SHIPPING WEIGHT: Listed with Pricing.

The price quoted is a firm quotation for a period of 30 days after quotation date. "The contents included in the above quotation are subject to approval by home office."

NOTE:

When entering your order please return one of our prints submitted with our quote and mark it approved for orientation or mark the changes required and we will advise further.

ADDRESS REPLY TO: LINDER INDUSTRIAL MACHINERY CO.
P.O. BOX 5330
LAKELAND, FLORIDA 33803
PHONE: 813/646-5711

MikroPul CORPORATION
UNITED STATES FILTER CORPORATION

Gary L. Allen
Linder Industrial Machinery C

MikroPul

DIVISION

Pan American Services, Inc.
February 1, 1982

No. 66-92-381-09/00
Page 2 of 3

- One (1) Set of (81) HRS bag retainers and stainless steel bag clamps, shipped loose for field installation by others.
- One (1) 60° Slope hopper, trough type, flanged for mounting airlock.
- One (1) Flanged exhaust connection, located in plenum.
- One (1) Hopper access door, 18" dia., hinged and clamped type.
- Two (2) Hinged and clamped access doors in plenum for bag removal.
- Two (2) Timer for pulsing cleaning jet valves, Model 72 Integrated Circuit Type, in NEMA #4 enclosure, for 115 Volt Single Phase operation. Timer supplied loose for field mounting and wiring.
- One (1) Manometer, 10" U tube, with 20' of tubing and fittings for field installation.
- One (1) Venturi installation wrench.

All housing, plenum and hopper interior surfaces will receive one standard surface preparation and one shop coat of red oxide primer.

The Mikro-Pulsaire is an automatic self-cleaning system that utilizes momentary jets of high pressure air through a specially designed venturi to provide efficient, thorough cleaning with no internal moving parts. Bag cleaning compressed air requirement is 11.5 SCFM at 100 PSIG. Solenoid valve enclosures are NEMA 4 prewired to terminal strip. All valves are piped for access from top of unit.

Housing designed for vacuum/pressure up to 20" water gauge.

For further detail concerning this unit, refer to Bulletin TRP-3, and Drawing #67600.

PRICE ----- \$9,123.00
APPROXIMATE SHIPPING WEIGHT: 3650#

OPTIONAL EQUIPMENT (ADD TO PREVIOUS PRICING):

- ~~ONE (1) Factory installed insulation, 3" thick Mineral Wool with 20 gauge metal skin applied to plenum, housing and hopper surfaces. Insulation applied to prime coat painted housing ----- \$3,021.00~~
- ONE (1) Set standard support legs with bracing for 90 MPH wind load.
PRICE ----- \$ 751.00 ✓
- ONE (1) Lot roof handrails ----- \$ 572.00 ✓
- ONE (1) Caged ladder ----- \$ 792.00 ✓
- ONE (1) 8" Mikro-Rotary Airlock, with cast iron housing, steel rotor, and six (6) Delrin rotor blades, as shown on attached print #6022. The airlock will be equipped with a 1/2 HP, 1725 RPM, TE, 3 Phase, 60 Hz., 230/460 Volt motor, reducer, V-belt drive and enclosed belt guard. The Mikro-Airlock has .25 cu.ft./rev. capacity and rotor speed will be 33 RPM.
PRICE ----- \$ 878.00 ✓
APPROXIMATE SHIPPING WEIGHT: 165#

Mikropul

DIVISION

Pan American Services, Inc.
February 1, 1982

No. 66-22-381-09/00.

Page 3 of 3

EXHAUST FAN:

ONE (1) Westinghouse-Sturtevant Division Size 415M Single Width, Single Inlet Industrial Fan in Arrangement 9. The base supports (2) 1-15/16" dia. heavy duty, grease lubricated anti-friction bearings plus an adjustable motor base mounted on right or left of the bearing support. Fan includes flanged inlet and discharge connections, access door, drain, V-belt drive and enclosed belt guard, and 20 HP, 1800 RPM, TEFC, 3 Phase, 60 Hz., 230/460 Volt motor (motor and drive factory installed).

PRICE ----- \$2,210.00 ✓

NOTE:

Fan horsepower above based on 6" S.P. external pressure losses and 8" S.P. loss across dust collector. Final fan speed and horsepower to be determined after final system design.

620300
12
12

WHILE VARIOUS SAFEGUARDS ARE FURNISHED WITH MIKROPUL EQUIPMENT, MIKROPUL DOES NOT WARRANT THAT MACHINERY FURNISHED UNDER THIS CONTRACT WHEN USED BY YOU WILL MEET ALL THE REQUIREMENTS OF THE FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970. SINCE YOU MUST PROTECT YOUR EMPLOYEES WE WILL BE GLAD TO WORK WITH YOU TO HELP IDENTIFY RECOGNIZABLE HAZARDS.

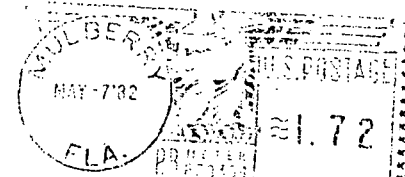
ALL ITEMS OTHER THAN THOSE LISTED ABOVE FOR SUPPLY BY MIKROPUL AND LINDER INDUSTRIAL MACHINERY COMPANY SHALL BE FURNISHED BY THE PURCHASER. AN APPROXIMATE LIST OF EQUIPMENT AND SERVICES TO BE FURNISHED BY THE PURCHASER FOLLOWS:

- 1 - All electrical wiring, push button stations and motor starters.
- 2 - Provide for and do all erection.
- 3 - All equipment testing.
- 4 - All compressed air piping from air compressor to collector manifold.
- 5 - Receiving, unloading and storing of equipment, before erection.
- 6 - Install pressure gauge (0-150#), and airline filter in air piping, at connection to collector manifold.
- 7 - All dust system and supports.
- 8 - ~~Air compressor for bag cleaning cycle (11.5 CFM @ 100 PSIG).~~

NOTE: Air compressor must be equipped with an air cooled or water cooled aftercooler for moisture removal.

*To Be
Quoted
By Linder.*

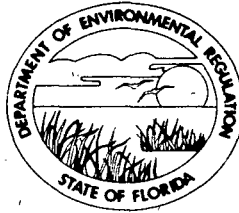
INTERNATIONAL MINERALS & CHEMICAL CORPORATION
P.O. BOX 1035
MULBERRY, FLORIDA • 33860



Mr. Bill Thomas, P.E.
Central Air Permitting
Florida Department of Environmental Regulation
2600 Blair Stone Road
Tallahassee, Florida 32301

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301



BOB GRAHAM
GOVERNOR
VICTORIA J. TSCHINKEL
SECRETARY

May 27, 1982

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

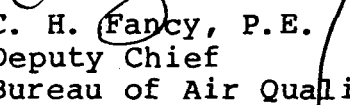
Mr. T. H. Traylor
Vice President and General Manager
IMCC, New Wales Operations
Post Office Box 1035
Mulberry, Florida 33860

Dear Mr. Traylor:

Pursuant to Section 403.815, Florida Statutes, and Florida Administrative Code Rule 17-1.62, you are required to publish (at your own expense) the attached notice. This notice should be published, one time only, in the legal ad section of the Lakeland Ledger as soon as possible and no later than June, 24, 1982.

The Department, in accordance with Rule 17-1.62, is required to have proof that the public notice was given. Therefore, please have the newspaper prepare an affidavit of publication to submit to the Department within seven (7) days of publication.

Sincerely,


C. H. Fancy, P.E.
Deputy Chief
Bureau of Air Quality
Management

CHF/pa

Attachment

cc: J. M. Baretincic

PUBLIC NOTICE

Modification of an air pollution source located at Highway 640 & County Line Road, in Mulberry, Florida, is being proposed by IMCC-New Wales Operations. The proposed project is the construction of a 5000 CFM Baghouse to replace an existing unit. The construction will produce emissions of particulate matter by 15.7 tons per year.

The proposed project has been reviewed by the Florida Department of Environmental Regulation (FDER) under Chapter 403, Florida Statutes. The Department has made a preliminary determination that the project can be approved provided certain conditions are met. A summary of the basis for the determination and the application for state permit submitted by IMCC-New Wales Operations are available for public review at the following FDER offices:

Bureau of Air Quality Management
Department of Environmental
Regulation
2600 Blair Stone Road
Tallahassee, Florida 32301

Southwest District Office
Department of Environmental
Regulation
7601 Highway 301 North
Tampa, Florida 32601

Any person may submit written comments to FDER regarding the proposed project. All comments, postmarked not later than 30 days from the date of this notice, will be considered by FDER in making a final determination regarding approval for construction of this source. Those comments will be made available for public review on request. Furthermore, an administrative hearing on the proposed project can be requested by any person by filing a petition for hearing as set forth in Section 28-5.15 F.A.C. (copy attached). Such petition must be filed within 14 days of the date of this notice. Letters should be addressed to:

Mr. C. H. Fancy, P.E.
Deputy Chief
Bureau of Air Quality Management
Department of Environmental Regulation
2600 Blair Stone Road
Tallahassee, Florida 32301

NEW WALES OPERATIONS
P.O. Box 1035 • Mulberry, Florida 33860
Telephone: (813) 428-2531



INTERNATIONAL MINERALS & CHEMICAL CORPORATION

June 30, 1982

Mr. Willard Hanks
Bureau of Air Quality Management
Florida Department of Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32301

DER
JUL 02 1982
BAQM

Dear Mr. Hanks:

Enclosed please find a copy of the Affidavit of Publication regarding our proposed modification at Multifos.

If you have any questions, please contact me.

Very truly yours,

A handwritten signature in cursive script that reads 'A. L. Girardin'.

A. L. Girardin
Supervisor
Environmental Services

ALG:ph
encl.

cc: J. M. Baretincic

AFFIDAVIT OF PUBLICATION

THE LEDGER

Lakeland, Polk County, Florida

Case No

STATE OF FLORIDA)
COUNTY OF POLK)

Before the undersigned authority personally appeared Walter Garris, who on oath says that he is Controller of The Ledger, a daily newspaper published at Lakeland in Polk County, Florida; that the attached copy of advertisement, being a

Public Notice

in the matter of

Air Pollution Source

in the

Court, was published in said newspaper in the issues of

June 7, 1982

Affiant further says that said The Ledger is a newspaper published at Lakeland, in said Polk County, Florida, and that the said newspaper has heretofore been continuously published in said Polk County, Florida, daily, and has been entered as second class matter at the postoffice in Lakeland, in said Polk 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.

Signed Walter Garris
Controller

Sworn to and subscribed before me this 9th

day of June A.D. 19 82.

(Seal)

Barbara Heaps
Notary Public

NOTARY PUBLIC, STATE OF FLORIDA AT LARGE
MY COMMISSION EXPIRES NOV. 11, 1982

My Commission Expires BONDED THRU GENERAL INS. UNDERWRITERS

PUBLIC NOTICE
Modification of an air pollution source located at Highway 640 & County Line Road, in Mulberry, Florida, is being proposed by IMCC-New Water Operations. The proposed project is the construction of a 5000 CFM Baghouse to replace an existing unit. The construction will produce emissions of particulate matter, by 15.7 tons per year.
The proposed project has been reviewed by the Florida Department of Environmental Regulation (FDER) under Chapter 403, Florida Statutes. The Department has made a preliminary determination that the project can be approved provided certain conditions are met. A summary of the basis for the determination and the application for state permit submitted by IMCC-New Water Operations are available for public review at the following FDER offices:
Bureau of Air Quality Management, Department of Environmental Regulation, 2600 Blair Stone Road, Tallahassee, Florida 32301.
Southwest District Office, Department of Environmental Regulation, 7601 Highway 301 North, Tampa, Florida 32601.
Any person may submit written comments to FDER regarding the proposed project. All comments, postmarked not later than 30 days from the date of this notice, will be considered by FDER in making a final determination regarding approval for construction of this source. Those comments will be made available for public review on request. Furthermore, an administrative hearing on the proposed project can be requested by any person by filing a petition for hearing as set forth in Section 28-5.15 F.A.C. (copy attached). Such petition must be filed within 14 days of the date of this notice. Letters should be addressed to:
Mr. C.H. Fancy, P.E.
Deputy Chief
Bureau of Air Quality Management
Department of Environmental Regulation
2600 Blair Stone Road
Tallahassee, Florida 32301
R200 - 67, 1982.