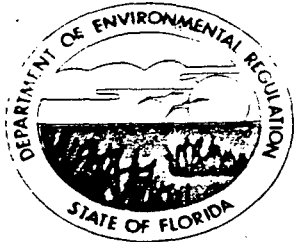


*Please send to: Barry Andrews  
CAP, Tallahassee*

# Florida Department of Environmental Regulation

Southwest District • 4520 Oak Fair Boulevard • Tampa, Florida 33610-7347 • 813-623-

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

Dr. Richard Garrity, Deputy Assistant Secretary

*For IMC New Wakes  
Files*

## NOTICE OF PERMIT

### STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION NOTICE OF PERMIT ISSUANCE

November 5, 1990

In the Matter of an Application  
for permit by:

DER File No.: A053-156337  
County: Polk

J. M. Baretincic  
Director Environmental Services  
IMC Fertilizer, Inc.  
P.O. Box 1035  
Mulberry, Florida 33860

# RECEIVED

NOV 13 1990

In your letters of April 19, 1990 and August 21, 1990 you notified the Department of Environmental Regulation ~~DER-BAGM~~ your replacement of the baghouse included on permit A053-156338 (Multifos Product Classification System) and your modifications to the particulate matter control duct work on permits A053-156337 (Multifos Milling & Sizing) and A053-160175 (Multifos Dedusting System). Based on these letters, discussions with your staff and a plant inspection by DER personnel, it has been determined to incorporate the above changes by consolidating the permits for the Multifos Plant milling and sizing operations into one operation permit. To accomplish this a revised permit A053-156337 is being issued to replace the above three operation permits and include all of the operations associated with multifos milling and sizing.

Enclosed is revised and reissued Permit Number A053-156337 to operate the Multifos Plant milling and sizing operations at the IMC Fertilizer, Inc. fertilizer and animal feed plant located near Mulberry in polk County, issued pursuant to Section 403, Florida Statutes.

A person whose substantial interests are affected by this permit may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within 14 days of receipt of this permit. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under section 120.57 Florida Statutes.

The Petition shall contain the following information;

- (a) The name, address, and the telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action; Compliance testing of this boiler shall be accomplished during a period when it is cycling up to a normal high firing rate, or it is continuously operated at a high firing rate. The permittee shall submit a statement of the operating mode as a part of the compliance test report. Failure to submit the input mode and an actual operation mode statement, or operating at conditions which do not reflect the normal operating conditions may invalidate the data. [Rule 17-4.070(3), F.A.C.].
- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by petitioner, if any;
- (e) A statement of facts which petitioner contends warrants reversal or modification of the Department's action or proposed action;
- (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this permit. 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 receipt of this notice, in the Office of General Counsel at the above address of the Department. Failure to petition within the allotted time frame constitutes a waiver of any rights 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.

This permit is final and effective on the date filed with the Clerk of the Department unless a petition is filed in accordance with the above paragraphs or unless a request for extension of time in which to file a petition is filed within the

time specified for filing a petition and conforms to Rule 17-103.070, F.A.C. Upon timely filing of a petition or a request for an extension of time this permit will not be effective until further Order of the Department.

When the Order (Permit) is final, any party to the Order has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Street Road, Tallahassee, Florida 32399-2400; 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 of Appeal must be filed within 30 days from the date the Final Order is filed with the Clerk of the Department.

Executed in Tampa, Florida

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION



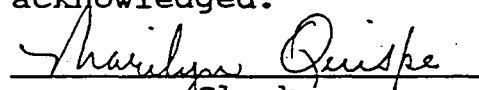
David R. Zell  
Air Permitting Engineer  
4520 Oak Fair Boulevard  
Tampa Florida 33610-7347  
Phone (813) 623-5561 Ext. 416

DRZ/  
Attachment

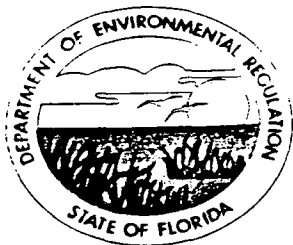
CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed before the close of business on NOV 06 1990 to the listed persons.

FILING AND ACKNOWLEDGEMENT FILED,  
on this date, pursuant to Section  
120.52(9), Florida Statutes, with  
the designated Department Clerk,  
receipt of which is hereby  
acknowledged.

  
Clerk

NOV 06 1990  
Date



# Florida Department of Environmental Regulation

Southwest District • 4520 Oak Fair Boulevard • Tampa, Florida 33610-7347 • 813-623-

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

Dr. Richard Garrity, Deputy Assistant Secretary

**PERMITTEE:**

IMC Feed Ingredients, Inc.  
New Wales Operations  
P.O. Box 1035  
Mulberry, FL 33860

**PERMIT/CERTIFICATION:**

Permit No: AO53-156337  
County: Polk  
Expiration Date: 03/14/94  
Project: Multifos Plant  
Milling & Sizing  
Operations

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 17-2 & 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the department and made a part hereof and specifically described as follows:

For operation of the milling and sizing operations in the Multifos Plant. Operations include conveying, crushing, screening granulating and storing of materials. Design capacity of the system is 25 tons per hour. Particulate matter emissions are controlled by baghouse dust collectors as described beginning on page 2 of 5.

**Location:** 1 mile south of S.R. 640 on the Polk/Hillsborough County Line

UTM: 17-396.7 E      3079.4 N      NEDS No: 0059      Point ID Nos: 34

35

38

(See pg. 2)

**Replaces Permit Nos.:** AO53-156337 (Issued 3/16/89)  
AO53-156338 (Issued 3/16/89)  
AO53-160175 (Issued 3/16/89)

PERMITTEE

IMC Feed Ingredients, Inc  
New Wales Operations  
P.O. Box 1035  
Mulberry, Florida

PERMIT/EXPIRATION

Permit No.: A053-156337  
County: Polk  
Expiration Date: 03/14/94  
Project: Multifos Plant Milling  
& Sizing Operations

**Description Continued:**

Multifos Milling and Sizing Particulate Control Equipment

West Baghouse (Point ID 34)

(Existing "Milling & Screening Baghouse" previously included on A053-156337)

A Flexclean Model 100-WRT-144 baghouse designed to handle 12,000 acfm, which controls particulate emissions from the following operations:

- Recycle clinker chain conveyor
- Modified unsized product elevators A & B
- Conveyor "Cooler A" & "Cooler B" discharge transfer points
- Product Finishing Screen (No. 1)
- Primary crusher inlet chute (2 pickup points)
- Primary crusher outlet chute
- Secondary crusher inlet chute
- Finishing crusher inlet chute (2 pickup points)

East Baghouse (Point ID 35)

(New baghouse which replaced "Multifos Product Classification Baghouse" previously included on A053-156338)

A Flexclean Model 100-WRTC-144(III) baghouse designed to handle 12,000 acfm, which controls particulate emissions from the following operations:

- No. 1 Lower Primary Crusher Chute
- Secondary crusher outlet chute
- Finishing crusher outlet chute
- Vibrating Screen (No. 2)
- Modified unsized product elevators A & B
- Pan granulator
- North unsized storage bin
- South unsized storage bin
- Unsized product bucket elevator
- Unsized product bucket conveyor

PERMITTEE

IMC Feed Ingredients, Inc  
New Wales Operations  
P.O. Box 1035  
Mulberry, Florida

PERMIT/EXPIRATION

Permit No.: A053-156337  
County: Polk  
Expiration Date: 03/14/94  
Project: Multifos Plant Milling  
& Sizing Operations

**Description Continued:**

Surge Bin Baghouse (Point ID 38)

(Existing "Multifos Dedusting System Baghouse" which was previously included on A053-160175)

A Mikro-Pulsaire Model 81 STR-8-20 baghouse designed to handle 5,000 acfm, which controls particulate emissions from the following operations:

- Product storage (surge) bin vent
- Aero separator outlet
- Product elevator vent
- Product belt from product elevator transfer point
- Product bypass to product belt transfer point

**Specific Conditions:**

1. A part of this permit is the attached 15 General Conditions.
2. The maximum allowable particulate emissions from each of the three (3) baghouse exhaust stacks shall not exceed 1.6 pounds per hour as part of a 1981 BACT determination and construction permit (AC53-23546) for the new DAP plant at this facility.
3. Visible emissions shall not be equal to or greater than 20% opacity in accordance with Rule 17-2.610(2)(A), F.A.C.
4. The maximum permitted operating rate for the multifos milling and sizing system is 25 tons per hour input.
5. Test each of the baghouse exhaust stack emissions for the following pollutant(s) at intervals of 12 months  $\pm$  1 month from September 5, 1990 and submit a copy of the test data to the Air Section of the Southwest District Office of the Department within 45 days of such testing. Testing procedures shall be consistent with the requirements of Section 17-2.700, F.A.C.:

(X) Particulates \*

(X) Opacity

\* In lieu of a stack test, a Method 9 visible emissions test showing no visible emissions (less than 5% opacity) may be submitted pursuant to Rule 17-2.700(3)(d), F.A.C.

PERMITTEE

IMC Feed Ingredients, Inc  
New Wales Operations  
P.O. Box 1035  
Mulberry, Florida

PERMIT/EXPIRATION

Permit No.: A053-156337  
County: Polk  
Expiration Date: 03/14/94  
Project: Multifos Plant Milling  
& Sizing Operations

**Specific Conditions:**

6. Compliance with the emission limitations of Specific Condition Nos. 2 and 3 shall be determined using EPA Methods 1,2,4,5 and 9 contained in 40 CFR 60, Appendix A and adopted by reference in Rule 17-2.700, F.A.C. The minimum requirements for stationary point source emissions test procedures and reporting shall be in accordance with Rule 17-2.700, F.A.C. and 40 CFR 60, Appendix A.

7. Testing of emissions must be conducted during operation within 10% of the maximum design capacity rate of 25 tons per hour. A compliance test submitted at an operating rate less than 90% of maximum permitted rate will automatically constitute an amended permit at the lesser rate until another test showing compliance at a higher rate is submitted. Failure to submit the operating rate and actual operating conditions may invalidate the test. [Rule 17-4.070(3), F.A.C.].

8. Should the Department have reason to believe the particulate emission standards not being met, the Department may require that compliance with the particulate emission standard be demonstrated by testing in accordance with Rule 17-2.700, F.A.C. [Rule 17-2.700(3)(d), F.A.C.].

9. The permittee shall notify the Southwest District Office of the Department at least 15 days prior to the date on which each formal compliance test is to begin of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted. [Rule 17-2.700(2)(a)9., F.A.C.].

10. Submit for this source, each calendar year, on or before March 1, an emission report for the preceding calendar year containing the following information pursuant to Subsection 403.061, F.S.:

- (A) Annual amount of materials and/or fuels utilized;
- (B) Annual emissions (note calculation basis);
- (C) Any changes in the information contained in the permit.

The report shall be submitted to the Southwest District Office of the Department.

PERMITTEE

IMC Feed Ingredients, Inc  
New Wales Operations  
P.O. Box 1035  
Mulberry, Florida

PERMIT/EXPIRATION

Permit No.: AO53-156337  
County: Polk  
Expiration Date: 03/14/94  
Project: Multifos Plant Milling  
& Sizing Operations

**Specific Conditions:**

11. All reasonable precautions shall be taken to prevent and control generation of unconfined emissions of particulate matter in accordance with the provisions in Rule 17-2.610(3), F.A.C. These provisions are applicable to any source, including but not limited to, vehicular movement, transportation of materials, construction, alteration, demolition or wrecking, or industrial related activities such as loading, unloading, storing, handling and cleanup.

12. Four applications to renew this operating permit shall be submitted to the Southwest District Office of the Department at least 60 days prior to the expiration date of this permit pursuant to Rule 17-4.090(1), F.A.C.

Issued this 9 day of Nov.  
1990.

STATE OF FLORIDA DEPARTMENT OF  
ENVIRONMENTAL REGULATION



Richard D. Garrity, Ph.d.  
Deputy Assistant Secretary  
Southwest District