

Final Determination

International Minerals & Chemical Corporation

New Wales Chemicals, Inc.

Mulberry, Florida

5,000 CFM Baghouse

Multifos Product Dedusting System

Construction Permit Number

AC 53-54878

Florida Department of Environmental Regulation

Bureau of Air Quality Management

Central Air Permitting

July 8, 1982

International Minerals and Chemical Corporation
New Wales Chemicals, Inc.

New Wales Chemicals, Inc. application for permit to construct a multifos product dedusting system equipped with a 5,000 CFM baghouse at the existing phosphate chemical complex in Polk County, Florida has been reviewed by the Bureau of Air Quality Management.

Public Notice of the Department's Intent to Issue was published in the Lakeland Ledger on June 7, 1982. Copies of the Preliminary Determination were available for public inspection at the Southwest District Office in Tampa and the Bureau of Air Quality Management Office in Tallahassee.

No responses on the proposed construction were received during the public notice period.

The final action of the Department will be to issue the permit to construct as proposed in the Preliminary Determination.

STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL REGULATION

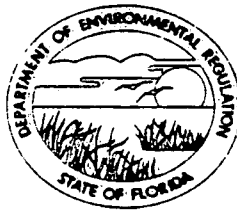
CONSTRUCTION
PERMIT

NO.

DATE OF ISSUANCE

DATE OF EXPIRATION

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



BOB GRAHAM
GOVERNOR
Victoria J. Tschinkel
SECRETARY

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

APPLICANT: International Minerals & Chemical Corp.
New Wales Operations
P. O. Box 1035
Mulberry, FL 33860

PERMIT/CERTIFICATION
NO. AC 53-54878

COUNTY: Polk

PROJECT:
5000 CFM
Dry dust Collector

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Chapter 17-2, Florida Administrative Code. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the approved drawing(s), plans, documents, and specifications attached hereto and made a part hereof and specifically described as follows:

For the construction of a 5000 CFM dry dust collector (baghouse) at IMCC chemical complex located at Highway 640 & County Line Road in Mulberry, Florida. The UTM coordinates are 396.7 Km East and 3079.4 Km North respectively.

Construction shall be in accordance with the attached permit application and plans, documents, and drawings except as otherwise noted on page 3 - "Specific Conditions".

Attachments:

1. Application to Construct Air Pollution Sources, DER Form 17-1.122(16)
2. Responses to technical discrepancies (letter dated on May 7, 1982).

PERMIT NO.: AC 53-54878
APPLICANT: IMCC-New Wales Operations

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions", and as such are binding upon the permittee and enforceable pursuant to the authority of Section 403.161(1), Florida Statutes. Permittee is hereby placed on notice that the department will review this permit periodically and may initiate court action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations indicated in the attached drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit shall constitute grounds for revocation and enforcement action by the department.

3. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information: (a) a description of and cause of non-compliance; and (b) the period of non-compliance, including exact dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.

4. As provided in subsection 403.087(6), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

5. This permit is required to be posted in a conspicuous location at the work site or source during the entire period of construction or operation.

6. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or department rules, except where such use is proscribed by Section 403.111, F.S.

7. In the case of an operation permit, permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or department rules.

8. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant, or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and department rules, except where specifically authorized by an order from the department granting a variance or exception from department rules or state statutes.

9. This permit is not transferable. Upon sale or legal transfer of the property or facility covered by this permit, the permittee shall notify the department within thirty (30) days. The new owner must apply for a permit transfer within thirty (30) days. The permittee shall be liable for any non-compliance of the permitted source until the transferee applies for and receives a transfer of permit.

10. The permittee, by acceptance of this permit, specifically agrees to allow access to permitted source at reasonable times by department personnel presenting credentials for the purposes of inspection and testing to determine compliance with this permit and department rules.

11. This permit does not indicate a waiver of or approval of any other department permit that may be required for other aspects of the total project.

12. This permit conveys no title to land or water, nor constitutes state recognition or acknowledgement of title, and does not constitute authority for the reclamation of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

13. This permit also constitutes:

- Determination of Best Available Control Technology (BACT)
- Determination of Prevention of Significant Deterioration (PSD)
- Certification of Compliance with State Water Quality Standards (Section 401, PL 92-500)

PERMIT NO.: AC 53-54878
APPLICANT: IMCC-New Wales Operations

SPECIFIC CONDITIONS:

1. The maximum emission rate for the 5000 CFM bag collector shall not exceed 3.6 lb/hr.
2. The unit shall be allowed to operate continuously (8736 hours per year).
3. Before this construction permit expires, the unit will be tested for particulate matter and visible emission. Except as provided under 40 CFR 60.8(b), the performance tests shall be in accordance with the provisions of the following reference methods in Appendix A of 40 CFR 60.
 - a. Method 1. Sample and Velocity Traverses.
 - b. Method 2. Volumetric Flow Rate.
 - c. Method 3. Gas Analysis.
 - d. Method 5. Particulate matter.
 - e. Method 9. Visible emission.

Test results will be the average of 3 valid runs. The Department will be notified 30 days in advance of the compliance test. The test will be conducted at 90 to 100% capacity.

4. Visible emissions shall not exceed 5% opacity.
5. Reasonable precautions to prevent fugitive particulate emissions during construction such as coating or spraying roads and construction sites used by contractors will be taken by the applicant.
6. The applicant shall report any delays in construction and completion of this unit to the Department's Southwest District Office.
7. The applicant will demonstrate compliance with the conditions of the construction permit, and submit a complete application for an operating permit to the Department's Southwest District Office prior to 90 days of the expiration date of the construction permit. The applicant may continue to operate in compliance with all terms of the construction permit until its expiration date or issuance of an operating permit.
8. Upon obtaining an operating permit, the applicant will be required to submit periodic test reports on the actual operation and emissions of the facility.
9. This permit replaces operating permit No. AO 53-7026. The applicant shall return this operating permit to the Southwest District office within three (3) months of start-up of the new unit.

PERMIT NO.: AC 53-54878
APPLICANT: IMCC-New Wales Operations

10. The source shall comply with the provisions and requirements of the attached general conditions.

Expiration Date: December 30, 1984

 Pages Attached.

Issued this 19 day of July, 1982.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

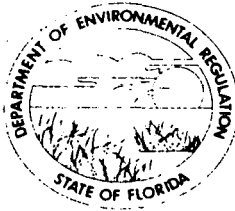

Signature

*IMC - New Wales
Operations*

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

November 30, 1982

John B. Kooqler, Ph.D., P.E.
Sholtes and Koogler, Inc.
1213 NW 6th Street
Gainesville, Florida 32601

SUBJ: Particulate Matter Impact of IMC - New Wales
Operations on the Tampa Nonattainment Area--
Tampa Meteorological Data.

Dear John,

I am in the process of reviewing the refined modeling submitted by IMC in support of an exemption from the particulate RACT rule 17-2.650(2), Florida Administrative Code. In the modeling analysis which you performed for IMC, meteorological data at Tampa for the years 1975, 1978, and 1979 was used. The Department does not have these years of data. In order to complete the review process, please send us a copy of the surface and upper data for these years on a magnetic tape (the tape will be returned as soon as possible.)

In addition, I have a question concerning the modeling analysis. When you preprocessed the meteorological data using the FDER algorithm for computing vector distances to the non-attainment area, what were the input data used in this program? (e.g. maximum stack height, etc.) I have calculated a significant number of additional days for which analysis should have been done.

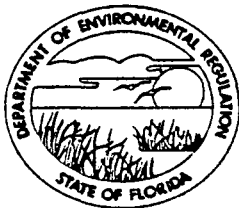
Sincerely,

Thomas Rogers
Meteorologist

TR/ks

cc: A. L. Girardin, IMC

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



BOB GRAHAM
GOVERNOR

Victoria J. Tschinkel
SECRETARY

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

July 20, 1982

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

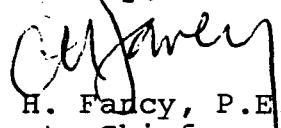
T. H. Traylor
Vice President & General Manager
IMCC - New Wales Operations.
Post Office Box 1035
Mulberry, Florida 33860

Dear Mr. Traylor:

Enclosed is Permit Number AC 53-54878, dated July 19, 1982
to IMCC - New Wales Operations
issued pursuant to Section 403, Florida Statutes.

Acceptance of the permit constitutes notice and agreement that the Department will periodically review this permit for compliance, including site inspections where applicable, and may initiate enforcement actions for violation of the conditions and requirements thereof.

Sincerely,


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

CHF/pa

Attachment

cc: Craig A. Pflaum, IMCC New Wales Operations
Dan Williams, FDER Southwest District Office

State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

INTEROFFICE MEMORANDUM

For Routing To District Offices And/Or To Other Than The Addressee		
To: _____	Loctn.: _____	
To: _____	Loctn.: _____	
To: _____	Loctn.: _____	
From: _____	Date: _____	
Reply Optional []	Reply Required []	Info. Only []
Date Due: _____	Date Due: _____	

TO: Victoria J. Tschinkel *WJ*
FROM: Clair Fancy *Clair Fancy*
DATE: July 15, 1982
SUBJ: Approval and Signature of Attached Air
Construction Permit Described Below

RECEIVED
JUL 16 1982

Office of the Secretary

Attached please find one Air Construction Permit for which the applicant is International Minerals & Chemical Corporation, New Wales Operations.

Day 90, after which the permit would be issued by default, is August 31, 1982.

The Bureau recommends your approval and signature.

CF/pa

Attachment