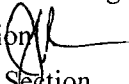


Memorandum

Florida Department of Environmental Protection

To: Trina Vielhauer, Division of Air Resource Management
Through: Jeff Koerner, New Source Review Section 
From: Marilyn Koletzke, New Source Review Section
Date: April 25, 2011
Subject: Project No. 1050046-029-AC/PSD-FL-255A
Revised Draft Air Construction Permit Package
Revised Emissions Limit
No. 3 Phosphate Fertilizer Plant
Mosaic Fertilizer, LLC, Bartow Facility

Attached for your review is a revised draft air construction permit package for the existing Mosaic Fertilizer, LLC, Bartow Facility, which is located in Polk County at 3200 Highway 60 West in Bartow, Florida. Mosaic proposes a revised maximum allowable particulate matter emissions rate of 0.088 pounds per ton (PPT) of product output to replace the existing 0.18 PPT of phosphorus pentoxide (P_2O_5) feed into the reactor. The revised limit will accommodate a lesser amount of P_2O_5 feed when the plant is processing micronutrient additives and will be in effect for both micronutrient and non-micronutrient enhanced products. The project is not expected to increase emissions as it is intended to address regulatory process operation issues during compliance testing at 100% production. The project is not considered a New Source Review Reform project. This revised package replaces the previous Draft Permit package that was issued on April 5, 2011. Day 90 of the permitting time clock is July 24, 2011. I recommend your approval of the attached revised draft permit package.

Attachments

TLV/jfk/mk

P.E. CERTIFICATION STATEMENT

PERMITTEE

Mosaic Fertilizer, LLC
13830 Circa Crossing Drive
Lithia, Florida 33547

Draft Permit No. 1050046-029-AC/
PSD-FL-255A, Revised Package
Mosaic Fertilizer, LLC
Bartow Facility
Polk County, Florida

PROJECT DESCRIPTION

Mosaic proposes a revised maximum allowable particulate matter emissions rate of 0.088 pounds per ton (PPT) of product output to replace the existing 0.18 PPT of phosphorus pentoxide (P_2O_5) feed into the reactor. The revised limit will accommodate a lesser amount of P_2O_5 feed when the plant is processing micronutrient additives and will be in effect for both micronutrient and non-micronutrient enhanced products. Micronutrient additions were approved in permit No. 1050046-012-AC issued on November 24, 1999. The project is not expected to increase emissions as it is intended to address regulatory process operation issues during compliance testing at 100% production.

This project is subject to the general preconstruction review requirements in Rule 62-212.300, Florida Administrative Code (F.A.C.) and is not subject to the preconstruction review requirements for major stationary sources in Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality. The Department's full review of the project and rationale for issuing the revised draft permit is provided in the Technical Evaluation and Preliminary Determination. This revised package replaces the previous Draft Permit package that was issued on April 5, 2011.

***I HEREBY CERTIFY** that the air pollution control engineering features described in the above referenced application and subject to the proposed permit conditions provide reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 62-4 and 62-204 through 62-297. However, I have not evaluated and I do not certify any other aspects of the proposal (including, but not limited to, the electrical, civil, mechanical, structural, hydrological, geological, and meteorological features).*


Marilyn Koletzke, P.E.
Registration Number 50611



9/25/11
(Date)



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

April 25, 2011

Sent by Electronic Mail – Received Receipt Requested

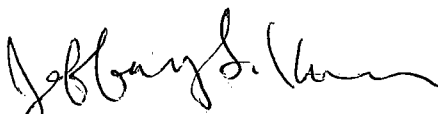
Mr. Rob Larson, Environmental Superintendant
Mosaic Fertilizer, LLC
13830 Circa Crossing Drive
Lithia, Florida 33547

Re: Project No. 1050046-029-AC / PSD-FL-255A
Revised Draft Permit Package
Mosaic Fertilizer, LLC, Bartow Facility
No. 3 Phosphate Fertilizer Plant, Revised Emissions Limit

Dear Mr. Larson:

You submitted an application requesting an alternate emissions limit for the No. 3 Phosphate Fertilizer Plant. The existing facility is located in Polk County at 3200 Highway 60 West in Bartow, Florida. Enclosed are the following documents: the Written Notice of Intent to Issue Air Permit; the Public Notice of Intent to Issue Air Permit; the Technical Evaluation and Preliminary Determination; and the revised Draft Permit with Appendices. The Public Notice of Intent to Issue Air Permit is the actual notice that you must have published in the legal advertisement section of a newspaper of general circulation in the area affected by this project. The Department rescinds the Draft Permit package issued on April 5, 2011 and issues this revised package in its place. If you have any questions, please contact the project engineer, Marilyn Koletzke, at 850/717-9112.

Sincerely,


Trina Vielhauer, Deputy Director
Division of Air Resource Management

Enclosures

TLV/jfk/mk

WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMIT

*In the Matter of an
Application for Air Permit by:*

Mosaic Fertilizer, LLC
13830 Circa Crossing Drive
Lithia, Florida 33547

Authorized Representative:

Mr. Rob Larson, Environmental Superintendent

Project No. 1050046-029-AC /
PSD-FL-255A, Revised Package
Mosaic Fertilizer, LLC, Bartow Facility
No. 3 Phosphate Fertilizer Plant
Alternate Emissions Limit
Polk County, Florida

Facility Location: Mosaic Fertilizer, LLC operates the existing No. 3 Phosphate Fertilizer Plant at the Bartow Facility, which is located in Polk County at 3200 Highway 60 West in Bartow, Florida.

Project: The applicant proposes that a revised maximum allowable particulate matter emissions rate of 0.088 pounds per ton (PPT) of product output replace the existing 0.18 PPT of phosphorus pentoxide (P_2O_5) feed into the reactor. The revised limit will accommodate a lesser amount of P_2O_5 feed when the plant is processing micronutrient additives and will be in effect for both micronutrient and non-micronutrient enhanced products.

The project is not expected to increase emissions as it is intended to address regulatory process operation issues during compliance testing at 100% production. The Department rescinds the draft permit package issued on April 5, 2011 and issues this revised permit package in its place. Details of the project are provided in the application and the enclosed Technical Evaluation and Preliminary Determination.

Permitting Authority: Applications for air construction permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4, 62-210 and 62-212 of the Florida Administrative Code (F.A.C.). The proposed project is not exempt from air permitting requirements and an air permit is required to perform the proposed work. The Bureau of Air Regulation is the Permitting Authority responsible for making a permit determination for this project. The Permitting Authority's physical address is: 111 South Magnolia Drive, Suite #4, Tallahassee, Florida. The Permitting Authority's mailing address is: 2600 Blair Stone Road, MS #5505, Tallahassee, Florida 32399-2400. The Permitting Authority's telephone number is 850/717-9000.

Project File: A complete project file is available for public inspection during the normal business hours of 8:00 a.m. to 5:00 p.m., Monday through Friday (except legal holidays), at address indicated above for the Permitting Authority. The complete project file includes the Draft Permit, the Technical Evaluation and Preliminary Determination, the application, and the information submitted by the applicant, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Permitting Authority's project review engineer for additional information at the address or phone number listed above.

Notice of Intent to Issue Permit: The Permitting Authority gives notice of its intent to issue an air permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of the proposed equipment will not adversely impact air quality and that the project will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C. The Permitting Authority will issue a Final Permit in accordance with the conditions of the proposed Draft Permit unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S. or unless public comment received in accordance with this notice results in a different decision or a significant change of terms or conditions.

Public Notice: Pursuant to Section 403.815, F.S. and Rules 62-110.106 and 62-210.350, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Public Notice of Intent to Issue Air Permit (Public Notice). The Public Notice shall be published one time only as soon as possible in the legal advertisement section of a newspaper of general circulation in the area affected by this project. The newspaper used must meet the requirements of Sections 50.011 and 50.031, F.S. in the county where the activity is to take place. If you are uncertain that a newspaper meets these requirements, please contact the Permitting Authority at

WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMIT

above address or phone number. Pursuant to Rule 62-110.106(5) and (9), F.A.C., the applicant shall provide proof of publication to the Permitting Authority at the above address within 7 days of publication. Failure to publish the notice and provide proof of publication may result in the denial of the permit pursuant to Rule 62-110.106(11), F.A.C.

Comments: The Permitting Authority will accept written comments concerning the proposed Draft Permit for a period of 14 days from the date of publication of the Public Notice. Written comments must be received by the Permitting Authority by close of business (5:00 p.m.) on or before the end of the 14-day period. If written comments received result in a significant change to the Draft Permit, the Permitting Authority shall revise the Draft Permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

Petitions: A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed with (received by) the Department's Agency Clerk in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. Petitions filed by the applicant or any of the parties listed below must be filed within 14 days of receipt of this Written Notice of Intent to Issue Air Permit. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of publication of the attached Public Notice or within 14 days of receipt of this Written Notice of Intent to Issue Air Permit, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Permitting Authority for notice of agency action may file a petition within 14 days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

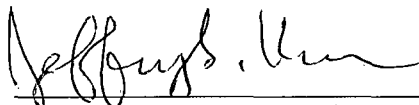
A petition that disputes the material facts on which the Permitting Authority's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner; the name, address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of when and how each petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so state; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action including an explanation of how the alleged facts relate to the specific rules or statutes; and, (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the agency to take with respect to the agency's proposed action. A petition that does not dispute the material facts upon which the Permitting Authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Permitting Authority's final action may be different from the position taken by it in this Written Notice of Intent to Issue Air Permit. Persons whose substantial interests will be affected by any such final decision of the Permitting Authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation: Mediation is not available in this proceeding.

WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMIT

Executed in Tallahassee, Florida.



Trina Vielhauer, Deputy Director
Division of Air Resource Management

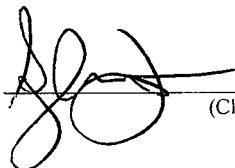
CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Written Notice of Intent to Issue Air Permit package (including the Written Notice of Intent to Issue Air Permit, the Public Notice of Intent to Issue Air Permit, the Technical Evaluation and Preliminary Determination and the Revised Draft Permit with Appendices) was sent by electronic mail, or a link to these documents made available electronically on a publicly accessible server, with received receipt requested before the close of business on 4/26/11 to the persons listed below.

Mr. Rob Larson, Mosaic Fertilizer, LLC (robert.larson@mosaicco.com)
Mr. David G. Buff, P.E., Golder Associates, Inc. (dbuff@golder.com)
Ms. Cindy Zang-Torres, DEP Southwest District Office (cindy.zhang-torres@dep.state.fl.us)
Ms. Kathleen Forney, EPA Region 4 (forney.kathleen@epa.gov)
Ms. Heather Abrams, EPA Region 4 (abrams.heather@epa.gov)
Ms. Vickie Gibson, DEP BAR Reading File (victoria.gibson@dep.state.fl.us)

Clerk Stamp

FILED AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.



(Clerk)

4/26/11
(Date)

PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMIT

Florida Department of Environmental Protection
Division of Air Resource Management, Bureau of Air Regulation
Draft Air Construction Permit
Project No. 1050046-029-AC
Mosaic Fertilizer, LLC, Bartow Facility
Polk County, Florida

Applicant: The applicant for this project is Mosaic Fertilizer, LLC. The applicant's authorized representative and mailing address is: Rob Larson, Environmental Superintendent, Mosaic Fertilizer, LLC, Bartow Facility, 13830 Circa Crossing Drive, Lithia, Florida 33547.

Facility Location: Mosaic Fertilizer, LLC operates the existing No. 3 Phosphate Fertilizer Plant in Polk County at 3200 Highway 60 West in Bartow, Florida.

Project: Mosaic proposes that a revised maximum allowable particulate matter emissions rate of 0.088 pounds per ton (PPT) of product output to replace the existing 0.18 PPT of phosphorus pentoxide (P_2O_5) feed into the reactor. The revised limit will accommodate a lesser amount of P_2O_5 feed when the plant is processing micronutrient additives and will be in effect for both micronutrient and non-micronutrient enhanced products. The project is not expected to increase emissions as it is intended to address regulatory process operation issues during compliance testing.

Permitting Authority: Applications for air construction permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4, 62-210 and 62-212 of the Florida Administrative Code (F.A.C.). The proposed project is not exempt from air permitting requirements and an air permit is required to perform the proposed work. The Permitting Authority responsible for making a permit determination for this project is the Bureau of Air Regulation in the Department of Environmental Protection's Division of Air Resource Management. The Permitting Authority's physical address is: 111 South Magnolia Drive, Suite #4, Tallahassee, Florida. The Permitting Authority's mailing address is: 2600 Blair Stone Road, MS #5505, Tallahassee, Florida 32399-2400. The Permitting Authority's telephone number is 850/717-9000.

Project File: A complete project file is available for public inspection during the normal business hours of 8:00 a.m. to 5:00 p.m., Monday through Friday (except legal holidays), at the physical address indicated above for the Permitting Authority. The complete project file includes the Draft Permit, the Technical Evaluation and Preliminary Determination, the application and information submitted by the applicant (exclusive of confidential records under Section 403.111, F.S.). Interested persons may contact the Permitting Authority's project engineer for additional information at the address and phone number listed above. In addition, electronic copies of these documents are available on the following web site by entering draft permit number:
<http://www.dep.state.fl.us/air/emission/apds/default.asp>.

Notice of Intent to Issue Air Permit: The Permitting Authority gives notice of its intent to issue an air construction permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of proposed equipment will not adversely impact air quality and that the project will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C. The Permitting Authority will issue a Final Permit in accordance with the conditions of the proposed Draft Permit unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S. or unless public comment received in accordance with this notice results in a different decision or a significant change of terms or conditions.

Comments: The Permitting Authority will accept written comments concerning the proposed Draft Permit for a period of 14 days from the date of publication of this Public Notice. Written comments must be received by the Permitting Authority by close of business (5:00 p.m.) on or before the end of the 14-day period. If written comments received result in a significant change to the Draft Permit, the Permitting Authority shall revise the Draft Permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

(Public Notice to be Published in the Newspaper)

Petitions: A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed with (received by) the Department's Agency Clerk in the Office of General Counsel of the Department of Environmental Protection at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000 (Telephone: 850/717-9000). Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S. must be filed within 14 days of publication of this Public Notice or receipt of a written notice, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Permitting Authority for notice of agency action may file a petition within 14 days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Permitting Authority's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address and telephone number of the petitioner; the name address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial rights will be affected by the agency determination; (c) A statement of when and how the petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so state; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action including an explanation of how the alleged facts relate to the specific rules or statutes; and, (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the agency to take with respect to the agency's proposed action. A petition that does not dispute the material facts upon which the Permitting Authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Permitting Authority's final action may be different from the position taken by it in this Public Notice of Intent to Issue Air Permit. Persons whose substantial interests will be affected by any such final decision of the Permitting Authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation: Mediation is not available for this proceeding.



**TECHNICAL EVALUATION
&
PRELIMINARY DETERMINATION**

APPLICANT

Mosaic Fertilizer, LLC
13830 Circa Crossing Drive
Lithia, Florida 33547

Bartow Facility
Facility ID No. 1050046

PROJECT

Project No. 1050046-029-AC / PSD-FL-255A
Revised Draft Air Construction Permit
Revised Emissions Limit for Processing Micronutrients

COUNTY

Polk County, Florida

PERMITTING AUTHORITY

Florida Department of Environmental Protection
Division of Air Resource Management
Bureau of Air Regulation
New Source Review Section
2600 Blair Stone Road, MS#5505
Tallahassee, Florida 32399-2400

April 25, 2011

1. GENERAL PROJECT INFORMATION

Air Pollution Regulations

Projects at stationary sources with the potential to emit air pollution are subject to the applicable environmental laws specified in Section 403 of the Florida Statutes (F.S.). The statutes authorize the Department of Environmental Protection (Department) to establish regulations regarding air quality as part of the Florida Administrative Code (F.A.C.), which includes the following applicable chapters: 62-4 (Permits); 62-204 (Air Pollution Control – General Provisions); 62-210 (Stationary Sources – General Requirements); 62-212 (Stationary Sources – Preconstruction Review); 62-213 (Operation Permits for Major Sources of Air Pollution); 62-296 (Stationary Sources - Emission Standards); and 62-297 (Stationary Sources – Emissions Monitoring). Specifically, air construction permits are required pursuant to Rules 62-4, 62-210 and 62-212, F.A.C.

In addition, the U. S. Environmental Protection Agency (EPA) establishes air quality regulations in Title 40 of the Code of Federal Regulations (CFR). Part 60 specifies New Source Performance Standards (NSPS) for numerous industrial categories. Part 61 specifies National Emission Standards for Hazardous Air Pollutants (NESHAP) based on specific pollutants. Part 63 specifies NESHAP based on the Maximum Achievable Control Technology (MACT) for numerous industrial categories. The Department adopts these federal regulations on a quarterly basis in Rule 62-204.800, F.A.C.

Glossary of Common Terms

Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of this permit.

Facility Description and Location

Mosaic Fertilizer, LLC, operates an existing No. 3 Phosphate Fertilizer Plant, which is categorized under Standard Industrial Classification (SIC) No. 2874. The No. 3 Phosphate Fertilizer Plant is part of the existing Bartow Facility, located in Polk County at 3200 Highway 60 West in Bartow, Florida. The UTM Coordinates are Zone 17, 409.77 kilometer (km) East and 3087.26 km North. This site is in an area that is in attainment (or designated as unclassifiable) for all air pollutants subject to state and federal Ambient Air Quality Standards (AAQS).

Facility Regulatory Categories

- The facility is a major source of hazardous air pollutants (HAP).
- The facility is a Title V major source of air pollution in accordance with Chapter 62-213, F.A.C.
- The facility is a major stationary source in accordance with Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

Project Description

The existing No. 3 Phosphate Fertilizer Plant was upgraded in accordance with permit No. 1050046-008-AC and PSD permit PSD-FL-255 issued April 21, 1999. Mosaic Fertilizer, LLC proposes a revision to the particulate emissions limit that will accommodate the addition of micronutrient enhancement to the production stream as approved in permit No. 1050046-012-AC issued on November 24, 1999.

Mosaic proposes a revised maximum allowable particulate matter emissions rate of 0.088 pounds per ton (PPT) of product output to replace the existing 0.18 PPT of phosphorus pentoxide (P_2O_5) feed into the reactor. The revised limit will accommodate a lesser amount of P_2O_5 feed when the plant is processing micronutrient additives and will be in effect for both micronutrient and non-micronutrient enhanced products. This request is consistent with the Best Available Control Technology (BACT) determination in PSD permit PSD-FL-255, 1050046-008-AC issued April 21, 1999.

Processing Schedule

- 11/01/10 Received the application for an air construction permit for the existing No. 3 Phosphate Fertilizer.
- 12/09/10 Additional information requested.
- 01/24/11 Received additional information.
- 04/05/11 Draft Permit issued.
- 04/05/11 Received comments on the Draft permit.
- 04/11/11 Revised Preliminary Review Draft sent.
- 04/21/11 Received comments on the Preliminary Review Draft.
- 04/24/11 Draft Permit issued.

2. PSD APPLICABILITY

The project will not increase emissions; therefore, the project is not subject to PSD preconstruction review.

3. DEPARTMENT REVIEW

Revised Emissions Limit

This draft permit revises the maximum allowable particulate matter emissions rate of 0.18 pounds per ton (PPT) of phosphorus pentoxide (P_2O_5) feed to 0.088 PPT of product. The revised limit will accommodate a lesser amount of P_2O_5 feed when the plant is processing micronutrient additives. The project is not expected to increase emissions rather it is intended to address regulatory process operation issues during compliance testing at 100% production. The BACT determination for permit No. 1050046-008-AC, PSD-FL-255 that was issued April 21, 1999 set the current maximum allowable particulate matter emissions rate at 0.18 PPT of P_2O_5 feed and the revised emissions rate of 0.088 PPT of product output is consistent with this BACT determination.

Currently, when micronutrients are being processed during a compliance test, there is less phosphoric acid input to the plant. As such, Mosaic is unable to produce sufficient product to achieve the permitted minimum of 90% feed rate of P_2O_5 . Limiting emissions units operation to 110% of the test rate until a new test is conducted is required pursuant to Rule 62-297.310 F.A.C.

As listed in the BACT determination, the average of the particulate emissions for three compliance test runs conducted on September 11, 1997 is 4.6 pounds per hour (PPH). Operational records during the compliance test reported that an average P_2O_5 feed into the reactor of 50.23 tons per hour (TPH) and a production rate of 104.6 TPH. As detailed on page BD-6 of the BACT determination:

Analysis of recent test data for these scrubbers confirms that there is an inordinate safety margin between actual and allowable PM emissions, average actuals being less than 20 percent of the allowables. Therefore, it is appropriate to reduce the allowables to a level consistent with typical margins for BACT limits. A margin of 100% above the average from the September 1997 stack test ($0.09 \times 2 = 0.18$ lb/ton P_2O_5) appears reasonable for the reactor/granulators and dryers.

Emissions calculations from these reported values are as follows:

Existing PM emissions limit:

$$4.6 \text{ PPH of PM} \div 50.23 \text{ TPH of } P_2O_5 \text{ feed} = 0.09 \text{ PPT of } P_2O_5 \text{ feed}$$

Margin of 100% above average emissions:

$$0.09 \text{ PPT of PM} \times 200\% = 0.18 \text{ PPT of } P_2O_5 \text{ feed}$$

TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

Revised PM emissions limit:

$$4.6 \text{ PPH of PM} \div 104.6 \text{ TPH of product} = 0.044 \text{ PPT of product}$$

Margin of 100% above average emissions:

$$0.044 \text{ PPT of PM} \times 200\% = 0.088 \text{ PPT of product}$$

As demonstrated in the above calculations, the revised maximum allowable particulate matter emissions rate of 0.088 PPT of product is an alternate expression of the existing standard as specified in the BACT determination. The project is not expected to increase emissions as it is intended to address regulatory process operation issues during compliance testing at 100% production. The revised maximum emission limit of 0.088 PPT of product output from the plant will be in effect for both micronutrient and non-micronutrient enhanced products.

This revised draft permit does not replace the fluoride emission limit of 0.041 lb/ton equivalent P_2O_5 feed nor 2.5 pounds of fluoride per hour or 10.95 TPY, whichever is less and daily fertilizer production limit of 3,000 pounds per day shall remain unchanged. [Rule 62-296.403(1), F.A.C. and Air Construction Permit 1050046-008-AC]

The applicant provided micronutrient additive constituent data and confirmed that sulfur, copper, boron, and zinc were being processed in the No. 3 Phosphate Fertilizer Plant. Hazardous air pollutants (HAP) and radionuclide as listed in "Section 112(b) of the Clean Air Act" have not been processed in the fertilizer plant.

4. PRELIMINARY DETERMINATION

The Department makes a preliminary determination that the proposed project will comply with all applicable state and federal air pollution regulations as conditioned by the draft permit. This determination is based on a technical review of the complete application, reasonable assurances provided by the applicant, and the conditions specified in the revised draft permit. No air quality modeling analysis is required because the project does not result in a significant increase in emissions. Marilyn Koletzke is the project engineer responsible for reviewing the application and drafting the permit. Additional details of this analysis may be obtained by contacting the project engineer at the Department's Bureau of Air Regulation at Mail Station #5505, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400.

DRAFT PERMIT

PERMITTEE

Mosaic Fertilizer, LLC
13830 Circa Crossing Drive
Lithia, Florida 33547

Authorized Representative:
Mr. Rob Larson, Environmental Superintendant

Air Permit No. 1050046-029-AC /
PSD-FL-255A, Revised Package
Mosaic Fertilizer, LLC, Bartow Facility
No. 3 Phosphate Fertilizer Plant
Revised Emissions Limit
Expires: April 25, 2012

PROJECT AND LOCATION

This is the final air construction permit, which authorizes a revised emissions limit for the No. 3 Phosphate Fertilizer Plant. The No. 3 Phosphate Fertilizer Plant is at the existing Bartow Facility (SIC No. 2874), which is located in Polk County at 3200 Highway 60 West in Bartow, Florida. The UTM Coordinates are Zone 17, 409.77 kilometer (km) East and 3087.26 km North.

This final permit is organized into the following sections: Section 1 (General Information); Section 2 (Administrative Requirements); Section 3 (Emissions Unit Specific Conditions); Section 4 (Appendices). Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of Section 4 of this permit.

STATEMENT OF BASIS

This air pollution construction permit is issued under the provisions of: Chapter 403 of the Florida Statutes (F.S.) and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.). The permittee is authorized to conduct the proposed work in accordance with the conditions of this permit. This project is subject to the general preconstruction review requirements in Rule 62-212.300, F.A.C. and is not subject to the preconstruction review requirements for major stationary sources in Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

Upon issuance of this final permit, 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 30 days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida

DRAFT

Michael P. Halpin, P.E., Director
Division of Air Resource Management

(Date)

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Final Determination and Final Permit with Appendices) was sent by electronic mail, or a link to these documents made available electronically on a publicly accessible server, with received receipt requested before the close of business on **(DRAFT)** to the persons listed below.

Mr. Rob Larson, Mosaic Fertilizer, LLC (robert.larson@mosaicco.com)
Mr. David G. Buff, P.E., Golder Associates, Inc. (dbuff@golder.com)
Ms. Cindy Zang-Torres, DEP Southwest District Office (cindy.zhang-torres@dep.state.fl.us)
Ms. Kathleen Forney, EPA Region 4 (forney.kathleen@epa.gov)
Ms. Heather Abrams, EPA Region 4 (abrams.heather@epa.gov)
Ms. Vickie Gibson, DEP BAR Reading File (victoria.gibson@dep.state.fl.us)

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.

(DRAFT)

(Clerk)

(Date)

FACILITY DESCRIPTION

The existing No. 3 Phosphate Fertilizer Plant with a design capacity of 3000 tons per day processes ammonium phosphate products: monoammonium phosphate (MAP) and diammonium phosphate (DAP). The dryer has a design heat input rate of 40 MMBtu per hour and is fired by natural gas or fuel oil with a maximum sulfur content of 1.5 percent. Process gas streams have the following dedicated control equipment:

- Reactor has venturi scrubbers and a cyclonic scrubber.
- Dryer is controlled by a venturi scrubber and a cyclone scrubber.
- Granulator is controlled by a venturi scrubber and a cyclonic scrubber.
- Cooler has venturi scrubbers and a cyclonic scrubber.

The reactor process has a dedicated packed bed tail gas scrubber while the dryer, granulator, and cooler processes share a packed bed tail gas scrubber. Following treatment by the packed bed tail gas scrubbers, the gas streams are emitted to the atmosphere through a common stack.

PROJECT DESCRIPTION

This draft permit revises the maximum allowable particulate matter emissions rate of 0.18 pounds per ton (PPT) of phosphorus pentoxide (P_2O_5) feed to 0.088 PPT of product output. The revised limit will accommodate a lesser amount of P_2O_5 feed when the plant is processing micronutrient additives.

Currently, when micronutrients are being processed during a compliance test, there is less phosphoric acid input to the plant. As such, Mosaic is unable to produce sufficient product to achieve the permitted minimum of 90 % feed rate of P_2O_5 . Limiting emissions units operation to 110 % of the test rate until a new test is conducted is required pursuant to Rule 62-297.310. The project is not expected to increase emissions as it is intended to address regulatory process operation issues during compliance testing at 100% production.

This request is consistent with the Best Available Control Technology (BACT) determination in PSD permit PSD-FL-255, 1050046-008-AC issued April 21, 1999. The revised maximum emission limit of 0.088 PPT of product output from the plant will be in effect for both micronutrient and non-micronutrient enhanced products.

EMISSION UNIT

This project potentially affects the following existing emissions unit.

EU No.	Emissions Unit Description
001	No. 3 Phosphate Fertilizer Plant

Facility Regulatory Categories

- The facility is a major source of hazardous air pollutants (HAP).
- The facility is a Title V major source of air pollution in accordance with Chapter 62-213, F.A.C.
- The facility is a major stationary source in accordance with Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

APPENDICES

The following Appendices are attached as part of this permit.

Appendix A. Citation Formats and Glossary of Common Terms

Appendix B. General Conditions

SECTION 2. ADMINISTRATIVE REQUIREMENTS (DRAFT)

1. Permitting Authority: The permitting authority for this project is the Bureau of Air Regulation, Division of Air Resource Management, Florida Department of Environmental Protection (Department). The Bureau of Air Regulation's mailing address is 2600 Blair Stone Road (MS #5505), Tallahassee, Florida 32399-2400. All documents related to applications for permits to operate an emissions unit shall be submitted to the Air Resource Section of the Department's Southwest District Office at 13051 North Telecom Parkway, Temple Terrace, FL 33637-0926.
2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Air Resource Section of the Department's Southwest District Office at 13051 North Telecom Parkway, Temple Terrace, FL 33637-0926.
3. Appendices: The following Appendices are attached as a part of this permit: Appendix A (Citation Formats and Glossary of Common Terms) and Appendix B (General Conditions).
4. Applicable Regulations, Forms and Application Procedures: Unless otherwise specified in this permit, the construction and operation of the subject emissions unit shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of: Chapter 403, F.S.; and Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations.
5. New or Additional Conditions: For good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time. [Rule 62-4.080, F.A.C.]
6. Modifications: The permittee shall notify the Compliance Authority upon commencement of construction. No new emissions unit shall be constructed and no existing emissions unit shall be modified without obtaining an air construction permit from the Department. Such permit shall be obtained prior to beginning construction or modification. [Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]
7. Application for Title V Permit: A Title V air operation permit is required for regular operation of the permitted emissions unit. The permittee shall apply for a Title V air operation permit at least 90 days prior to expiration of this permit, but no later than 180 days after commencing operation. To apply for a Title V operation permit, the applicant shall submit the appropriate application form, compliance test results, and such additional information as the Department may by law require. The application shall be submitted to the appropriate Permitting Authority with copies to the Compliance Authority. A Title V source may immediately implement such changes after they have been incorporated into the terms and conditions of a new or revised construction permit issued pursuant to Chapter 62-212, F.A.C., and after the source provides to EPA, the Department, each affected state and any approved local air program having geographic jurisdiction over the source, a copy of the source's application for operation permit revision. [Rule 62-213.410(2), F.A.C., Rules 62-4.030, 62-4.050, 62-4.220 and Chapter 62-213, F.A.C.]

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS (DRAFT)

A. No. 3 Phosphate Fertilizer Plant

This section of the permit addresses the following emissions unit (EU).

EU No.	Emissions Unit Description
001	No. 3 Phosphate Fertilizer Plant

PREVIOUS PERMITS

1. Permit Scope: Conditions of this permit supplement all previously issued air construction and operation permits for the affected emissions unit. These conditions are in addition to all other applicable permit conditions and regulatory requirements. Unless otherwise specified by this permit, the permittee shall continue to comply with the conditions of those permits, which include restrictions and standards regarding capacities, production, operation, fuels, emissions, monitoring, record keeping, reporting, etc.
[Rule 62-4.070, F.A.C.]

EMISSION AND PERFORMANCE REQUIREMENTS

2. PM Emissions: Particulate matter emissions shall not exceed 0.088 pounds per ton (PPT) of product nor 11.0 pounds per hour. {Permitting Note: This replaces the emissions rate of 0.18 PPT of P_2O_5 feed into the reactor. The fluoride emission limit of 0.041 lb/ton equivalent P_2O_5 feed or 2.5 pounds of fluoride per hour or 10.95 TPY, whichever is less and daily fertilizer production limit of 3,000 pounds per day shall remain unchanged.} [Rule 62-296.403(1), F.A.C. and permit No. 1050046-008-AC]
3. Visible Emissions: Opacity shall be less than 15%. The visible emissions test shall be conducted by a certified observer and be a minimum of thirty minutes in duration, unless otherwise specified. The test observation period shall include the period during which the highest opacity can reasonably be expected to occur. [Rule 62-296.320(4)(a)(2) and (b), F.A.C. and permit No. 1050046-008-AC]

MONITORING

4. Emissions Monitoring: Compliance with emissions monitoring during production without micronutrients remains as required through previous issued permits. Additional emissions monitoring during production with micronutrients shall be determined using EPA Methods 1, 2, 3, 4, 5 and 9. The minimum requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Chapter 62-297, F.A.C. and 40 CFR 60, Appendix A. [Chapter 62-297, F.A.C.; 40 CFR 63.626(b) and 63.630(a)]

RECORDKEEPING

5. Operational Records: The permittee shall maintain the following records in written or electronic operational logs: date, time and duration of production with and without micronutrients and quantity of the micronutrients input to the plant. These records are to be provided upon request within 3 working days.
[Rule 62-4.070(3), F.A.C.]

SECTION 4. APPENDICES (DRAFT)

Contents

Appendix A. Citation Formats and Glossary of Common Terms

Appendix B. General Conditions

CITATION FORMATS

The following illustrate the formats used in the permit to identify applicable requirements from permits and regulations.

Old Permit Numbers

Example: Permit No. AC50-123456 or Permit No. AO50-123456

Where: “AC” identifies the permit as an Air Construction Permit
 “AO” identifies the permit as an Air Operation Permit
 “123456” identifies the specific permit project number

New Permit Numbers

Example: Permit Nos. 099-2222-001-AC, 099-2222-001-AF, 099-2222-001-AO, or 099-2222-001-AV

Where: “099” represents the specific county ID number in which the project is located
 “2222” represents the specific facility ID number for that county
 “001” identifies the specific permit project number
 “AC” identifies the permit as an air construction permit
 “AF” identifies the permit as a minor source federally enforceable state operation permit
 “AO” identifies the permit as a minor source air operation permit
 “AV” identifies the permit as a major Title V air operation permit

PSD Permit Numbers

Example: Permit No. PSD-FL-317

Where: “PSD” means issued pursuant to the preconstruction review requirements of the Prevention of Significant Deterioration of Air Quality
 “FL” means that the permit was issued by the State of Florida
 “317” identifies the specific permit project number

Florida Administrative Code (F.A.C.)

Example: [Rule 62-213.205, F.A.C.]

Means: Title 62, Chapter 213, Rule 205 of the Florida Administrative Code

Code of Federal Regulations (CFR)

Example: [40 CFR 60.7]

Means: Title 40, Part 60, Section 7

GLOSSARY OF COMMON TERMS

° F: degrees Fahrenheit

µg: microgram

AAQS: Ambient Air Quality Standard

acf: actual cubic feet

acfm: actual cubic feet per minute

ARMS: Air Resource Management System
 (Department’s database)

BACT: best available control technology

bhp: brake horsepower

Btu: British thermal units

CAM: compliance assurance monitoring

CEMS: continuous emissions monitoring system

cfm: cubic feet per minute

CFR: Code of Federal Regulations

Citation Formats and Glossary of Common Terms

CAA: Clean Air Act	NESHAP: National Emissions Standards for Hazardous Air Pollutants
CMS: continuous monitoring system	NO_x: nitrogen oxides
CO: carbon monoxide	NSPS: New Source Performance Standards
CO₂: carbon dioxide	O&M: operation and maintenance
COMS: continuous opacity monitoring system	O₂: oxygen
DARM: Division of Air Resource Management	Pb: lead
DEP: Department of Environmental Protection	PM: particulate matter
Department: Department of Environmental Protection	PM₁₀: particulate matter with a mean aerodynamic diameter of 10 microns or less
dscf: dry standard cubic feet	ppm: parts per million
dscfm: dry standard cubic feet per minute	ppmv: parts per million by volume
EPA: Environmental Protection Agency	ppmvd: parts per million by volume, dry basis
ESP: electrostatic precipitator (control system for reducing particulate matter)	QA: quality assurance
EU: emissions unit	QC: quality control
F: fluoride	PSD: prevention of significant deterioration
F.A.C.: Florida Administrative Code	psi: pounds per square inch
F.A.W.: Florida Administrative Weekly	PTE: potential to emit
F.D.: forced draft	RACT: reasonably available control technology
F.S.: Florida Statutes	RATA: relative accuracy test audit
FGD: flue gas desulfurization	RBLC: EPA's RACT/BACT/LAER Clearinghouse
FGR: flue gas recirculation	SAM: sulfuric acid mist
ft²: square feet	scf: standard cubic feet
ft³: cubic feet	scfm: standard cubic feet per minute
gpm: gallons per minute	SIC: standard industrial classification code
gr: grains	SIP: State Implementation Plan
HAP: hazardous air pollutant	SNCR: selective non-catalytic reduction (control system used for reducing emissions of nitrogen oxides)
Hg: mercury	SO₂: sulfur dioxide
I.D.: induced draft	TPD: tons/day
ID: identification	TPH: tons per hour
kPa: kilopascals	TPY: tons per year
lb: pound	TRS: total reduced sulfur
MACT: maximum achievable technology	UTM: Universal Transverse Mercator coordinate system
MMBtu: million British thermal units	VE: visible emissions
MSDS: material safety data sheets	VOC: volatile organic compounds
MW: megawatt	

General Conditions

The permittee shall comply with the following general conditions from Rule 624.160, F.A.C.

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, F.S. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in subsections 403.987(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither 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. This permit is not a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and not constitute authority for the use 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.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:
 - a. Have access to and copy any records that must be kept under conditions of the permit;
 - b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
 - c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules. Reasonable time may depend on the nature of the concern being investigated.
8. 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 provide the Department with the following information:
 - a. A description of and cause of noncompliance; and
 - b. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time then noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. 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 for revocation of this permit.
9. 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 involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

General Conditions

10. The 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. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard.
11. This permit is transferable only upon Department approval in accordance with Rules 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
12. This permit or a copy thereof shall be kept at the work site of the permitted activity.
13. This permit also constitutes:
 - a. Determination of Best Available Control Technology (NA);
 - b. Determination of Prevention of Significant Deterioration (NA); and
 - c. Compliance with New Source Performance Standards (NA).
14. The permittee shall comply with the following:
 - a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
 - b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
 - c. Records of monitoring information shall include:
 - (a) The date, exact place, and time of sampling or measurements;
 - (b) The person responsible for performing the sampling or measurements;
 - (c) The dates analyses were performed;
 - (d) The person responsible for performing the analyses;
 - (e) The analytical techniques or methods used;
 - (f) The results of such analyses.
15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

Livingston, Sylvia

From: Livingston, Sylvia
Sent: Tuesday, April 26, 2011 4:39 PM
To: 'Larson, Robert - Bartow'
Cc: 'dbuff@golder.com'; Zhang-Torres; 'forney.kathleen@epa.gov'; 'abrams.heather@epa.gov'; Gibson, Victoria
Subject: MOSAIC FERTILIZER - BARTOW FACILITY; 1050046-029-AC/ PSD-FL-255A - Revised Draft
Attachments: 1050046-029-AC_Intent.pdf

Dear Sir/ Madam:

Attached is the official **Notice of Intent to Issue** for the project referenced below. Click on the link displayed below to access the permit project documents and send a "reply" message verifying receipt of the document(s) provided in the link; this may be done by selecting "Reply" on the menu bar of your e-mail software, noting that you can view the documents, and then selecting "Send".

Note: We must receive verification that you are able to access the documents. Your immediate reply will preclude subsequent e-mail transmissions to verify accessibility of the document(s).

Click on the following link to access the permit project documents:

http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/1050046.029.AC.R_pdf.zip

Owner/Company Name: MOSAIC FERTILIZER, LLC
Facility Name: MOSAIC FERTILIZER - BARTOW FACILITY
Project Number: 1050046-029-AC
Permit Status: REV DRAFT
Permit Activity: CONSTRUCTION
Facility County: POLK
Processor: Marilyn Koeltzke

The Bureau of Air Regulation is issuing electronic documents for permits, notices and other correspondence in lieu of hard copies through the United States Postal System, to provide greater service to the applicant and the engineering community. Access these documents by clicking on the link provided above, or search for other project documents using the "*Air Permit Documents Search*" website at <http://appprod.dep.state.fl.us/air/emission/apds/default.asp>.

Permit project documents addressed in this email may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible, and verify that they are accessible. Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record. If you have any problems opening the documents or would like further information, please contact the Florida Department of Environmental Protection, Bureau of Air Regulation

Sylvia Livingston
Division of Air Resource Management (DARM)
Department of Environmental Protection
850/717-9043 (New Phone)
sylvia.livingston@dep.state.fl.us

Livingston, Sylvia

From: Livingston, Sylvia
Sent: Tuesday, April 26, 2011 4:46 PM
To: Koerner, Jeff; Koletzke, Marilyn; Walker, Elizabeth (AIR)
Subject: FW: MOSAIC FERTILIZER - BARTOW FACILITY; 1050046-029-AC/ PSD-FL-255A - Revised Draft
Attachments: 1050046-029-AC_Intent.pdf

Tracking:	Recipient	Delivery	Read
	Koerner, Jeff	Delivered: 4/26/2011 4:46 PM	
	Koletzke, Marilyn	Delivered: 4/26/2011 4:46 PM	Read: 4/26/2011 4:47 PM
	Walker, Elizabeth (AIR)	Delivered: 4/26/2011 4:46 PM	

FYI.

Sylvia Livingston
Division of Air Resource Management (DARM)
Department of Environmental Protection
850/717-9043 (New Phone)
sylvia.livingston@dep.state.fl.us

From: Livingston, Sylvia
Sent: Tuesday, April 26, 2011 4:39 PM
To: 'Larson, Robert - Bartow'
Cc: 'dbuff@golder.com'; Zhang-Torres; 'forney.kathleen@epa.gov'; 'abrams.heather@epa.gov'; Gibson, Victoria
Subject: MOSAIC FERTILIZER - BARTOW FACILITY; 1050046-029-AC/ PSD-FL-255A - Revised Draft

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Facility County: POLK
Processor: Marilyn Koeltzke

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Livingston, Sylvia

From: Larson, Robert - Bartow [Robert.Larson@mosaicco.com]
Sent: Tuesday, April 26, 2011 5:09 PM
To: Livingston, Sylvia
Cc: Graham, Brian - Bartow; Golwitzer, Jeff A - Bartow; Iyer, Rama - FishHawk; Singletary, Nelson - Bartow
Subject: RE: MOSAIC FERTILIZER - BARTOW FACILITY; 1050046-029-AC/ PSD-FL-255A - Revised Draft

Received documents.

Notice of Intent To Issue Air Permit will be published promptly.

Thanks,

Rob Larson

Mosaic LLC, Bartow-Mulberry-Green Bay

From: Livingston, Sylvia [mailto:Sylvia.Livingston@dep.state.fl.us]
Sent: Tuesday, April 26, 2011 4:39 PM
To: Larson, Robert - Bartow
Cc: dbuff@golder.com; Zhang-Torres; forney.kathleen@epa.gov; abrams.heather@epa.gov; Gibson, Victoria
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Livingston, Sylvia

From: Buff, Dave [DBuff@GOLDER.com]
Sent: Tuesday, April 26, 2011 9:08 PM
To: Livingston, Sylvia
Subject: RE: MOSAIC FERTILIZER - BARTOW FACILITY; 1050046-029-AC/ PSD-FL-255A - Revised Draft

David A. Buff, P.E., Q.E.P. | Principal Engineer | Golder Associates Inc.
6026 NW 1st Place, Gainesville, Florida, USA 32607
Tel: +1 (352) 336-5600 ext. 21145 Fax: +1 (352) 336-6603 | Cell: +1 352 514-5600 |
E: dbuff@golder.com | www.golder.com

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Please consider the environment before printing this email.

From: Livingston, Sylvia [<mailto:Sylvia.Livingston@dep.state.fl.us>]
Sent: Tuesday, April 26, 2011 4:39 PM
To: 'Larson, Robert - Bartow'
Cc: Buff, Dave; Zhang-Torres; forney.kathleen@epa.gov; abrams.heather@epa.gov; Gibson, Victoria
Subject: MOSAIC FERTILIZER - BARTOW FACILITY; 1050046-029-AC/ PSD-FL-255A - Revised Draft

Dear Sir/ Madam:

Attached is the official **Notice of Intent to Issue** for the project referenced below. Click on the link displayed below to access the permit project documents and send a "reply" message verifying receipt of the document(s) provided in the link; this may be done by selecting "Reply" on the menu bar of your e-mail software, noting that you can view the documents, and then selecting "Send".

Note: We must receive verification that you are able to access the documents. Your immediate reply will preclude subsequent e-mail transmissions to verify accessibility of the document(s).

Click on the following link to access the permit project documents:

http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/1050046.029.AC.R_pdf.zip

Owner/Company Name: MOSAIC FERTILIZER, LLC
Facility Name: MOSAIC FERTILIZER - BARTOW FACILITY
Project Number: 1050046-029-AC
Permit Status: REV DRAFT
Permit Activity: CONSTRUCTION
Facility County: POLK
Processor: Marilyn Koeltzke