



# Florida Department of Environmental Protection

Southwest District Office  
13051 North Telecom Parkway  
Temple Terrace, FL 33637-0926

Rick Scott  
Governor

Carlos Lopez-Cantera  
Lt. Governor

Jonathan P. Steverson  
Secretary

## **NOTICE OF ADMINISTRATIVELY CORRECTED TITLE V AIR OPERATION PERMIT**

*In the Matter of a Request for Administrative Correction:*

Robert Fredere, General Manager, Operations  
Mosaic Fertilizer, LLC  
13830 Circa Crossing Drive  
Lithia, FL 33547

Project No. 0570008-088-AV  
Administrative Correction to:  
Permit No. 0570008-085-AV  
Hillsborough County

Enclosed is the administratively corrected page to Title V Air Operation Permit No. 0570008-085-AV for the operation of the Mosaic Riverview Facility located in Hillsborough County at 8813 US Highway 41 South, in Riverview, Florida. This correction is issued pursuant to Rule 62-210.360, Florida Administrative Code (F.A.C.), and Chapter 403, Florida Statutes (F.S.). This change is made at the applicant's request dated September 6, 2016, to correct the testing interval for EU Nos. 004, 005 & 006. This corrective action does not alter the effective dates of the existing permit.

The Department of Environmental Protection (Department) will consider the above-noted action final unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, F.S. Mediation under Section 120.573, F.S., will not be available for this proposed action.

**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 must be filed within 14 days of receipt of this administratively corrected permit. 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

---

**NOTICE OF ADMINISTRATIVELY CORRECTED TITLE V AIR OPERATION PERMIT**

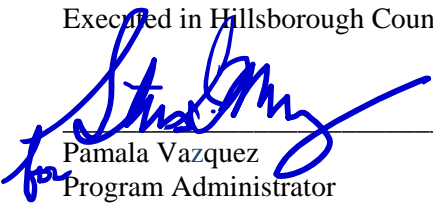
---

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. 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.

**Judicial Review:** Any party to this permitting decision (order) has the right to seek judicial review of it under Section 120.68, F.S., 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, 3900 Commonwealth Boulevard, MS 35, 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 Hillsborough County, Florida.

  
\_\_\_\_\_  
Pamala Vazquez  
Program Administrator  
Permitting & Waste Cleanup Program  
Southwest District

PV/rs/admin

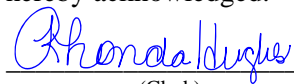
**CERTIFICATE OF SERVICE**

The undersigned duly designated deputy agency clerk hereby certifies that this Notice of Administratively Corrected Permit (including the corrected page) or a link to these documents made available electronically on a publicly accessible server, was sent by electronic mail with received receipt requested to the persons listed below:

Robert Fredere, Mosaic Fertilizer, LLC, [robert.fredere@mosaicco.com](mailto:robert.fredere@mosaicco.com)  
Mr. Scott Lehr, Mosaic Fertilizer, LLC: [scott.lehr@mosaicco.com](mailto:scott.lehr@mosaicco.com)  
Mr. Rama Iyer, P.E., Mosaic Fertilizer, LLC [rama.iyer@mosaicco.com](mailto:rama.iyer@mosaicco.com)  
Ms. Diana Lee, P.E., HCEPC: [lee@epchc.org](mailto:lee@epchc.org))

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)

September 14, 2016  
(Date)

---

## NOTICE OF ADMINISTRATIVELY CORRECTED TITLE V AIR OPERATION PERMIT

---

The following permit conditions are revised as indicated. ~~Strikethrough~~ is used to denote the deletion of text. Double-underlines are used to denote the addition of text. All changes are emphasized with shading.

1. On 03/09/2015 rule 62-297.310 F.A.C. was amended to change the testing frequency of emission units from a federal fiscal year to a calendar year basis. This change was inadvertently missed during the renewal process for this permit. To correct this oversight, Condition A.18 is hereby changed as follows:

**A.18. Annual Compliance Tests Required.** During each ~~federal fiscal year (October 1<sup>st</sup> to September 30<sup>th</sup>)~~ calendar year (January 1<sup>st</sup> to December 31<sup>st</sup>), each EU shall be tested to demonstrate compliance with the emissions standards for:

- a. visible emissions
- b. sulfuric acid mist (SAM)

[Rule 62-297.310~~(7)(8)~~, F.A.C.; Construction Permit 0570008-060-AC]

2. Similarly, this update was missed in Section III.D., therefore, Condition D.11. is updated as:

**D.11. Annual Compliance Tests Required.** During each ~~federal fiscal year (October 1<sup>st</sup> to September 30<sup>th</sup>)~~ calendar year (January 1<sup>st</sup> to December 31<sup>st</sup>), EU Nos. 051, 052, 053, 058, 059, & 060 shall be tested to demonstrate compliance with the emissions standard for:

- a. visible emissions (VE),
- b. particulate matter (PM)\*.

\*NOTE: Due to the expense and complexity of conducting a stack test on a minor source of particulate matter, and because these sources are equipped with baghouses, the Department, pursuant to the authority granted under Rule 62-297.620(4), F.A.C., hereby allows a visible emission limitation not to exceed an opacity of 5% in lieu of the particulate matter (PM) stack tests for the six baghouse / dust collector exhausts.

[Rules 62-297.310~~(7)(8)~~ ~~(a)1~~, and 62.4.070(3), F.A.C.; Construction Permit 0570008-065-AC]

3. Also, Condition D.12. is updated as:

**D.12. Annual Compliance Test for sources not totally enclosed.** Test the following sources which are not totally enclosed and evacuated to a baghouse for visible emissions (VE) during each ~~federal fiscal year (October 1<sup>st</sup> to September 30<sup>th</sup>)~~ calendar year (January 1<sup>st</sup> to December 31<sup>st</sup>):

- a. the railcar loading operation, and,
- b. the ship's hold.

[Rule 62-297.310~~(7)(8)~~ ~~(a)4~~, F.A.C.]

4. Similarly, this update was missed in Section III.G., therefore, Condition G.6. is updated as:

**G.6. Annual Compliance Tests Required.** During each ~~federal fiscal year (October 1<sup>st</sup> to September 30<sup>th</sup>)~~ calendar year (January 1<sup>st</sup> to December 31<sup>st</sup>), EU 073 (3 scrubbers) shall be tested to demonstrate compliance with the emissions standards for fluoride specified in Specific Condition No. G.3. and other applicable standards of 40 CFR 63, Subpart AA. [Rule 62-297.310~~(7)4(8)~~, F.A.C., 40 CFR 63.606(a)(1) and 63.609(a); Construction Permit 0570008-036-AC / PSD-FL-315]

---

## NOTICE OF ADMINISTRATIVELY CORRECTED TITLE V AIR OPERATION PERMIT

---

5. During the review process the applicant requested that rule applicability language be added to the facility description in Subsection A, similar to language in other permits. As this change was essentially for information only, the change was incorporated. The facility description is updated to:

This facility consists of several industrial processes that convert insoluble rock containing phosphorus ore into a soluble form suitable for agricultural use. The processes consist of one phosphoric acid plant (two trains), two ammoniated phosphate (AP) plants, three sulfuric acid plants, one material handling system, one auxiliary boiler, two animal feed plants, a molten sulfur storage and handling system and emergency compression ignition (CI) reciprocating internal combustion engines (RICE).

The following activities are undertaken to produce fertilizer with water-soluble phosphorus and nitrogen values.

1. Phosphate rock delivered by railcar is unloaded, conveyed to storage, and ground by rotary ball mills.
2. Molten sulfur is burned under controlled stoichiometry to produce sulfuric acid.
3. Ground phosphate rock is acidulated with sulfuric acid, producing wet process phosphoric acid and byproduct calcium sulfate (gypsum) with release of fluoride compounds, including HF.
4. The phosphoric acid, which is approximately 30% by weight phosphorus expressed as  $P_2O_5$ , is sent to evaporators for concentration to 54%.
5. Ammoniated phosphate (AP) are produced by combining blended 54% and 30% phosphoric acid with ammonia in various mole ratios to produce mono-ammonium phosphate (MAP) or di-ammonium phosphate (DAP).
6. AP products are conveyed to dry storage buildings by trip conveyors, dropped to storage piles. These storage buildings store, handle and loadout AP product to conveyors and associated transfer equipment, such as bulk toters, feed and loadout elevators, mini bin system, and ribbon blender to load ships, barges, railcars, trucks and containers.

Based on the initial notification requirements of 40 CFR 63, Subpart AA - National Emission Standards for Hazardous Air Pollutants from Phosphoric Acid Manufacturing Plants, Subpart BB - National Emission Standards for Hazardous Air Pollutants from Phosphate Fertilizers Production Plants and Subpart DDDDD – NESHAP for Industrial, Commercial, and Institutional Boilers and Process Heaters, this facility is a major source of hazardous air pollutants (HAPs) and is classified as a PSD major facility. This facility is subject to the MACT (Maximum Achievable Control Technology) standards of 40 CFR 63, Subpart AA and BB. The facility is subject to 40 CFR 63, Subpart ZZZZ – National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE) located at Major Sources of HAP Emissions and 40 CFR 61, Subpart A – General Provisions and Subpart R – National Emission Standards for Radon Emissions from Phosphogypsum Stacks. The facility is also subject to the new source performance standards (NSPS) of 40 CFR 60, Subpart A – General Provisions, 40 CFR 60, Subpart Db – Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units, Subpart H – Standards of Performance for Sulfuric Acid Plants and 40 CFR 60, Subpart IIII – Standards of Performance for Stationary Compression Ignition (CI) internal combustion engines (ICE). Compliance Assurance Monitoring (CAM) applies to emission unit EU No. 007.