

TECHNICAL EVALUATION
AND
PRELIMINARY DETERMINATION
FOR
MOSAIC FERTILIZER, LLC – BIG BEND TERMINAL
Hillsborough County
REVISED Construction Permit
Application Number
0570094-011-AC
Environmental Protection Commission of
Hillsborough County
Tampa, FL
January 26, 2012

I. Project Description

A. Applicant: Jeffrey M. Stewart
Environmental Superintendent
Mosaic Fertilizer, LLC
13830 Circa Crossing Drive
Lithia, FL 33547

B. Engineer: Rama Iyer, P.E.
Mosaic Fertilizer, LLC
13830 Circa Crossing Drive
Lithia, FL 33547
P.E. No.: 56919

C. Project and Location:

The applicant submitted an application to modify the current Air Construction (AC) Permit No. 0570094-009-AC issued to Mosaic Big Bend Terminal for the operation of a phosphate material handling facility. This Draft AC Permit serves two purposes as follows:

- 1) Modifying the current AC Permit No. 0570094-009-AC to allow the facility to use the existing wet phosphate rock conveyor between Transfer Tower A (EU 110) and the stacker reclaimer and the existing wet phosphate rock conveyor between the stacker reclaimer and Transfer Point No. 2 (EU 002) to convey ammoniated phosphate (AP) products.
- 2) Extending the expiration date of the AC Permit No. 0570094-009-AC from November 30, 2011 to November 30, 2014.

As requested by Mosaic, due to the recent failure of the CSX Rockport terminal load out system, which compromised Mosaic's outbound shipments of AP product, this minor modification to the current AC Permit will allow Mosaic to move AP products via the railcar rotary dump through Transfer Tower A, the stacker reclaimer, Transfer Point No. 2, Transfer Point No. 3, and the shipping terminal gantry, and finally into ships/barges.

Also, Mosaic submitted a request for a three (3) year time extension (TX) for AC Permit No. 0570094-009-AC with the expiration date of November 30, 2011. According to Mosaic, the facility has not yet constructed the units as authorized by the AC Permit due to the market conditions, however, the AC project is moving forward. Mosaic is currently in the process of working on the detailed engineering aspects of the project. If the project proceeds as planned (best case), the facility anticipates commencement of construction in March 2012 and start-up in November 2013. The reason that they requested a 3-year extension of the AC Permit is because the timeline for a large construction project like this can change or be extended.

AC Permit No. 0570094-009-AC authorizes the facility to handle up to 2,233,800 ton/yr of ammoniate phosphate products and AFI (Animal Feed Ingredient, which is a form of granular

calcium phosphate), as long as the moisture content is $\geq 0.72\%$ and the silt is $\leq 19\%$. The facility is also allowed to handle the permitted materials without operation of their respective baghouses or cartridge filters, as long as the material is adequately oiled and the opacity is $< 5\%$.

Based on the AC Permit No. 0570094-009-AC, the facility-wide PM PTE is 83.6 TPY, in which 78 TPY for the EUs controlled by baghouses (EU Nos. 001, 002, 003, 004, 106, 109, 110, and 111), plus 5.6 TPY for the remaining transfer points (EU Nos. 100, 103, 104, 107 and 108) using the continuous drop equation (AP-42, Section 13.2.4.3, November 2006 Update). An emission factor of 0.019 lb/ton and control efficiencies of 99%, 70%, 75% and 80% for the use of building enclosures, barge holds, telescopic chutes, and dust suppressant are used for the estimate of PM emissions for EUs not controlled by baghouses. Since the PM PTE for the EUs handling wet phosphate rock were already modified to accommodate the handling of AP product, and the stacker reclaimer transfer point emissions have already been taken into consideration due to a decrease in the number of transfer points, this change is considered to be minor modification. Furthermore, since the maximum annual throughput for ammoniated phosphate handling will not be increased, the facility-wide PM PTE will remain as 83.6 in order to avoid double counting PM emissions as a result of this route change.

This project has been assigned Source Classification Code No. 3-05-104-97, which is for Industrial Processes (Mineral Products). The Standard Industrial Code for the project is No. 4491 (Marine Cargo Handling). The project is located at 12839 Wyandotte Road, Gibsonton, FL, 33534. UTM Coordinates of the location are 17-361.0 E and 3076.2 N.

D. Process and Controls:

The facility is currently permitted (0570094-010-AO) for the operation of a barge loading facility handling phosphate materials. The plant currently receives up to 2,233,800 ton/yr of GTSP, MAP, DAP, or wet phosphate rock and transports it for delivery to ships. Particulate matter emissions are generated from the handling of the materials through various batch drops and conveyor transfers. GTSP, MAP, DAP, and AFI are unloaded at the Truck and Railcar Unloading Station (EU No. 103) at a maximum rate of 300 tph. The facility has the capability of adding a dust suppressant at the underground receiving hopper as material is conveyed up Belt #8. The material is transferred from Belt #8 to Belt #9, which is part of EU No. 103, and then from Belt #9 to Belt #10 (EU No. 001 - Incoming Transfer Point No. 1) at a maximum rate of 300 tph. PM emissions from EU No. 001 are controlled by a 4,153 DSCFM Mikro-Pulsaire Model No. 81S-8-20 Baghouse (Baghouse #1). From Belt #10, the material is transferred to Belt #11 (EU No. 104-Warehouse Transfer Point), and then into the Warehouse Storage Building (EU No. 100), which is controlled by enclosures.

Front-end loaders place the product on conveyor belts through one of four openings on the north and south sides of the Warehouse Storage Building (EU No. 100). Inside the warehouse, the north belt (Belt #12) transfers to the east belt (Belt #13), which then transfers to the south belt (Belt #14). The products are conveyed from Belt #14 to Belt #4 (EU No. 002 - Outgoing Transfer Point No. 2) at a maximum rate of 1,300 tph through a partially enclosed covering which is connected to a 2,538 DSCFM Mikro-Pulsaire Model No. 49S-8-20 Baghouse (Baghouse #2). Material is then transferred from Belt #4 to Belt #5 (EU No. 003 - Outgoing Transfer Point No. 3) at a maximum rate of 2,000 tph, with PM emissions controlled by a 2,538

DSCFM Mikro-Pulsaire Model No. 49S-8-20 Baghouse (Baghouse #3). The material is then transferred from Belt #5 to Belt #6 (EU No. 004 - Shipping Terminal Gantry-Transfer Point No. 4) at a maximum rate of 2,000 tph. PM emissions from the Belt #5 to Belt # 6 Transfer point (EU No. 004) are controlled by a 18,456 DSCFM Mikro-Pulsaire Model No. 384K-8-20 Baghouse (Baghouse #4). The material is then conveyed over the ship and dropped through a telescopic chute and into the ship or barge (EU No. 106 – Ship/Barge Hold Loading) at a maximum rate of 2,000 tph. PM emissions from the Ship/Barge Hold (EU No. 106) are controlled by dust suppressants, the telescopic choke chute, tarps (as necessary), and a pick-up point that leads to Baghouse #4.

The facility is authorized to utilize the wet phosphate rock operation to handle ammoniated phosphate product, which includes DAP and MAP. Wet phosphate rock and ammoniated phosphate product is unloaded via an existing Rotary Railcar Unloading Station (EU No. 109) at a rate of 2,000 tph, and transferred to a hopper to the existing Incoming Transfer Tower A (EU No. 110) via belt conveyor (Conveyor No. 1). Transfer Tower A consists of the Conveyor No. 1 to Conveyor A Transfer Point. PM emissions from the ammoniated phosphate product Railcar Unloading Station (EU No. 109) will be controlled by a 36,654 DSCFM JET-AIRE Model JA-378-CG Pulse-Jet Baghouse, while PM emissions from ammoniated phosphate product loading into Incoming Transfer Tower A (EU No. 110) will be controlled by a 1,450 DSCFM Dust Control and Loading Systems VMV Cartridge Filter Baghouse. Ammoniated phosphate product will also be unloaded via truck from the Truck Unloading Station (EU No. 107) at a maximum rate of 500 tph through a below grade hopper to a feed belt and on to a new belt conveyor (Conveyor F) and new Transfer Tower B (EU No. 111). PM emissions from the new Truck Unloading Station will be controlled by enclosure in a building, while PM emissions from Transfer Tower B (Conveyor F to Conveyor A Transfer Point) will be controlled by 1,450 DSCFM Dust Control and Loading Systems VMV Cartridge Filter Baghouse. Ammoniated phosphate product will be transferred from Transfer Tower A to Transfer Tower B via belt conveyor (Conveyor A). From Transfer Tower B, ammoniated phosphate product is belt conveyed to a new 220,313 ton Phosphate Product Warehouse No. 2 Storage Building (EU No. 108), and then at a maximum rate of 2,000 tph to Outgoing Transfer Point No. 3 (EU No. 003) via Conveyor B before final loadout into ships and barges through the existing shipping terminal gantry and ship/barge loading (EU Nos. 004 and 106). PM emissions from Phosphate Product Warehouse No. 2 Storage Building (EU No. 108) and Conveyor B are controlled by enclosure.

Wet phosphate rock or ammoniated phosphate product can also be conveyed through a belt conveyor between Transfer Tower A (EU No. 110) and the stacker reclaimer and then to storage piles (only for wet phosphate rock). The wet phosphate rock from the storage piles, or ammoniated phosphate product from the stacker reclaimer is conveyed from Belt #14 to Belt #4 (EU No. 002-Outgoing Transfer Point No. 2), and then through Belt #4 to Belt #5 (EU No. 003-Outgoing Transfer Point No. 3). Wet rock is then transferred from Belt #5 to Belt #6 (EU No. 004-Shipping Terminal Gantry-Transfer Point No. 4) for final loadout into a ship or barge (EU No. 106-Ship/Barge Hold Loading).

The facility will no longer handle GTSP, but will be allowed to handle up to 2,233,800 ton/yr of AP products and AFI (Animal Feed Ingredient, which is a form of granular calcium phosphate), as long as the moisture content is $\geq 0.72\%$ and the silt is $\leq 19\%$. The facility will also be allowed to handle the permitted materials without operation of their respective baghouses or cartridge filters, as long as a dust suppressant is applied, and the opacity is $< 5\%$.

E. Application Information:

Received on: December 22, 2011

Information Requested: N/A

Application Complete: December 22, 2011

II. Rule Applicability

This project is subject to the preconstruction review requirements of Chapter 403, Florida Statutes, Chapters, 62-204, 62-4, 62-210, 62-212, 62-296, and 62-297, Florida Administrative Code (F.A.C.) and Chapter 1-3 of the Rules of the Environmental Protection Commission of Hillsborough County.

This project is subject to the requirements of Rule 62-212.300, General Preconstruction Review Requirements, F.A.C., since the project is a source of air pollution.

This project is not subject to the requirements of Rule 62-212.400, Prevention of Significant Deterioration, F.A.C. or Rule 62-212.500, New Source Review for Nonattainment Areas, F.A.C., since the facility is a Synthetic Non-Title V Source by state definition.

This project is not subject to the requirements of Rule 62-213, Operation Permits for Major Sources of Air Pollution, F.A.C., since the facility is a Synthetic Non-Title V Source by state definition.

This project is subject to the requirements of Rule 62-296.320, F.A.C., General Pollutant Emission Limiting Standards, since the operation is a source of Particulate Matter.

This project is not subject to the requirements of Rule 62-296.401 through 62-296.417, Specific Emission Limiting and Performance Standards, F.A.C., since there is not a specific source category for this project.

This project is not subject to the requirements of Rule 62-296.500, Reasonably Available Control Technology (RACT) - Volatile Organic Compounds (VOC) and Nitrogen Oxide (NOx) Emitting Facilities, F.A.C., since there is not a specific source category for this project.

This project is not subject to the requirements of Rule 62-296.600, Reasonably Available Control Technology (RACT) - Lead, F.A.C., since there is not a specific source category for this project.

This project is subject to the requirements of Rule 62-296.700, Reasonably Available Control Technology (RACT) Particulate Matter, F.A.C., specifically, Rule 62-296.711, F.A.C., since it is located within the Hillsborough County Maintenance Area for the pollutant particulate matter and the potential to emit for PM emissions for the facility are greater than 5 lbs/hr and 15 tpy.

This project is not subject to the requirements of Rule 62-204.800, Federal Regulations Adopted by Reference, F.A.C., since there is no applicable source specific category in this rule.

This project is subject to the requirements of Chapter 84-446, Laws of Florida and Chapter 1-3, Rules of the Environmental Protection Commission of Hillsborough County.

III. Summary of Emissions

<u>Emission Unit</u>	PM PTE (TPY)	DCFM	Allowable	Opacity Limit
EU 001				
TP No. 1 (BH No. 1)	4.7	4153	0.03	5%
EU 002				
TP No. 2 (BH No. 2)	2.9	2538	0.03	5%
EU 003				
TP No. 3 (BH No. 3)	2.9	2538	0.03	5%
EU 004/106				
TP No. 4 (BH No. 4)	20.8	18456	0.03	5%
EU 109				
Rotary Dump Station	43.5	38654	0.03	5%
EU 110				
Transfer Tower A	1.6	1450	0.03	5%
EU 111				
Transfer Tower B	1.6	1450	0.03	5%
EU 100				
Warehouse	0.17			
EU103 **				
Truck/Railcar Drop	2.6			
EU104 **				
Warehouse TP	0.09			
EU107 **				
Truck Unloading	2.6			
EU108**				
AP Products Warehouse	0.13			
Total	83.6			

* No actual emissions have been established.

** Emissions are estimated using the continuous drop equation (AP-42, Section 13.2.4.3, November 2006 Update), in which an emission factor of 0.019 lb/ton and control efficiencies of 99%, 70%, 75% and 80% for the use of building enclosures, barge holds, telescopic chutes, and dust suppressant for EUs not controlled by baghouses.

Inventory of Title III pollutants is estimated to be less than 10 TPY individually and less than 25 TPY collectively.

IV. Conclusions:

The emission limits proposed by the applicant will meet all of the requirements of Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C., and Chapter 1-3, Rules of the Commission.

The General and Specific Conditions listed in the proposed permit (attached) will assure compliance with all the applicable requirements of Chapters 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C.

V. Proposed Agency Action:

Pursuant to Section 403.087, Florida Statutes and Rule 62-4.070, Florida Administrative Code the Environmental Protection Commission of Hillsborough County hereby gives notice of its intent to issue a permit to construct the aforementioned air pollution source in accordance with the draft permit and its conditions as stipulated (see attached).

CERTIFIED MAIL

In the Matter of an
Application for Permit by:

Jeffrey M. Stewart
Environmental Superintendent
Mosaic Fertilizer, LLC
13830 Circa Crossing Drive
Lithia, FL 33547

File No.: 0570094-011-AC
County: Hillsborough

INTENT TO ISSUE

The Environmental Protection Commission of Hillsborough County (EPC), as delegated by the Florida Department of Environmental Protection (DEP) gives notice of its intent to issue a permit (copy of permit attached) for the proposed project as detailed in the application specified above, for the reasons stated below.

The applicant, Mosaic Fertilizer, LLC, applied on December 22, 2011 to the EPC for an air construction permit to modify the current Permit No. 0570094-009-AC issued to Mosaic Big Bend Terminal for the operation of a phosphate material handling facility located in Hillsborough County at 12839 Wyandotte Road, Gibsonton, FL 33534. This DRAFT Permit No. 0570094-009-AC authorizes the facility to use the existing wet phosphate rock conveyor between Transfer Tower A (EU 110) and the stacker reclaimer and the existing wet phosphate rock conveyor between the stacker reclaimer and Transfer Point No. 2 (EU 002) to convey ammoniated phosphate (AP) products. Additionally, the expiration date of the permit will be extended until November 30, 2014. There will be no change on the facility's annual throughput limit. The facility will remain as a Synthetic Non-TV source. This modification is considered to be a minor modification to the current AC Permit.

The EPC has permitting jurisdiction under Chapter 403 Florida Statutes (F.S.) and Florida Administrative Code (F.A.C.) Chapters 62-4 and 62-210. The project is not exempt from permitting procedures. The EPC has determined that an air pollution construction permit is required to commence or continue operations at the described facility.

The EPC intends to issue this permit based on the belief that reasonable assurances have been provided to indicate that operation of the source will comply with the appropriate provisions of Florida Administrative Code (F.A.C.) Chapters 62-204 through 62-297 and 62-4.

Pursuant to Section 403.815 and 403.0872, F.S. and Rules 62-103.150 and 62-210.350(3), F.A.C., you (the applicant) are required to publish at your own expense the enclosed Notice of Intent to Issue Permit. The notice shall be published one time as soon as possible, in the legal advertisement section of a newspaper of general circulation in the area affected. For the purpose of this rule, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. Where there is more than one newspaper of general circulation in the county, the newspaper used must be one with significant circulation in the area that may be affected by the permit. If you are uncertain that a newspaper meets these requirements, please contact the EPC at the address or telephone number listed below. **The applicant shall provide proof of publication to the EPC, Air Permitting Section, at 3629 Queen Palm Dr., Tampa, Florida 33619 (Phone 813-627-2600 - FAX 813-627-2660) within 7 (seven) days of publication.** Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit pursuant to Rule 62-103.150(6), F.A.C.

The EPC will issue the final permit with the attached conditions unless a timely petition for an administrative hearing is filed by a third party pursuant to Section 120.569 and 120.57 F.S. before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the proposed permitting decision, and who have not waived their right to petition, may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Legal Department of the EPC at 3629 Queen Palm Dr., Tampa, Florida 33619, Phone 813-627-2600, Fax 813-627-2602. Petitions filed by any of the parties listed below in the carbon copy section must be filed within 14 (fourteen) days of receipt of this notice of intent. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S. must be filed within 14 (fourteen) days of publication of the public notice or within 14 (fourteen) days of receipt of this notice of intent, whichever occurs first. Under Section 120.60(3), however, any person who asked the EPC for notice of agency action may file a petition within 14 (fourteen) 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 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 EPC's action is based is required to 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 and the name, address, and telephone number of each petitioner's representative, if any, which shall be the address for service purposes during the course of the proceedings; and an explanation of how the petitioner's substantial interests will be affected by the EPC's determination;
- (c) A statement of how and when the petitioner received notice of the EPC action;

(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;

(e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the EPC's proposed action;

(f) A statement of specific rules or statutes that the petitioner contends requires reversal or modification of the EPC'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 petitioner wishes the EPC to take with respect to the EPC's proposed action.

A petition that does not dispute the material facts upon which the EPC'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 EPC's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the EPC on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation under section 120.573, F.S. is not available in this proceeding.

This action is final and effective on the date filed with the Clerk of the EPC unless a petition is filed in accordance with above. Upon the timely filing of a petition, this order will not be effective until further order of the EPC.

In addition to the above, a person subject to regulation has a right to apply to the Department of Environmental Protection for a variance from or waiver of the requirements of particular rules, on certain conditions, under Section 120.542, F.S. The relief provided by this state statute applies only to state rules, not statutes, and not to any federal regulatory requirements. Applying for a variance or waiver does not substitute or extend the time for filing a petition for an administrative hearing or exercising any other right that a person may have in relation to the action proposed in this notice of intent.

The application for a variance or waiver is made by filing a petition with the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, FL 32399-3000. The petition must specify the following information:

- (a) The name, address, and telephone number of the petitioner,
- (b) The name, address, and telephone number of the attorney or qualified representative of the petitioner, if any,
- (c) Each rule or portion of a rule from which a variance or waiver is requested,
- (d) The citation to the statute underlying (implemented by) the rule identified in (c) above,
- (e) The type of action requested,
- (f) The specific facts that would justify a variance or waiver for the petitioner,
- (g) The reason by the variance or waiver would serve the purposes of the underlying statute (implemented by the rule), and

(h) A statement whether the variance or waiver is permanent or temporary and, if temporary, a statement of the dates showing the duration of the variance or waiver requested.

The Department will grant a variance or waiver when the petition demonstrates both that the application of the rule would create a substantial hardship or violate principles of fairness, as each of the those terms is defined in Section 120.542(2), F.S., and that the purpose of the underlying statute will be or has been achieved by other means by the petitioner.

Persons subject to regulation pursuant to any federally delegated or approved air program should be aware that Florida is specifically not authorized to issue variances or waivers from any requirements of any such federally delegated or approved program. The requirements of the program remain fully enforceable by the Administrator of United States Environmental Protection Agency and by any person under the Clean Air Act unless and until the Administrator separately approves any variance or waiver in accordance with the procedures of the federal program.

Any person listed below may request to obtain additional information, a copy of the application (except for information entitled to confidential treatment pursuant to Section 403.111, F.S.), all relevant supporting materials, and all other materials available to the EPC that are relevant to the permit decision. Interested persons may contact Stephen Hathaway, P.E., at the above address or call (813) 627-2600, for additional information.

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 EPC's Legal Office at 3629 Queen Palm Dr., Tampa, Florida 33619 and 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 thirty days after this order is filed with the clerk of the Department.

Executed in Tampa, Florida

ENVIRONMENTAL PROTECTION COMMISSION
OF HILLSBOROUGH COUNTY

Richard D. Garrity, Ph.D.
Executive Director

cc: Rama Iyer, P.E. - Mosaic Fertilizer, LLC

CERTIFICATE OF SERVICE

The undersigned duly designated clerk hereby certifies that this INTENT TO ISSUE and all copies were mailed before the close of business on _____ to the listed persons.

FILING AND ACKNOWLEDGEMENT

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

Clerk

Date

ENVIRONMENTAL PROTECTION COMMISSION
OF HILLSBOROUGH COUNTY
NOTICE OF INTENT TO ISSUE PERMIT

The Environmental Protection Commission of Hillsborough County (EPC), as delegated by the Florida Department of Environmental Protection (DEP) gives notice of its intent to issue Air Pollution Permit No. 0570094-011-AC to Mosaic Fertilizer, LLC – Big Bend Terminal located at 12839 Wyandotte Road, Gibsonton, FL 33534 in Hillsborough County. The permit authorizes the facility to use the existing conveyor between Transfer Tower A (EU 110) and the stacker reclaimer, and the existing conveyor between the stacker reclaimer and Transfer Point No. 2 (EU 002) to convey ammoniated phosphate products. There will be no change in the facility's annual throughput limit. Additionally, the expiration date of the permit will be extended until November 30, 2014. The facility will remain as a Synthetic Non-TV source. This change is considered to be a minor modification to the current AC Permit.

A Best Available Control Technology (BACT) determination was not required.

The EPC will issue the FINAL permit with the conditions of the DRAFT permit unless a timely petition for an administrative hearing is filed by a third party pursuant to Sections 120.569 and 120.57, F.S. before the deadline for filing a petition. The procedures for petitioning for hearing are set forth below.

A person whose substantial interests are affected by the proposed permitting decision, and who have not waived their right to petition, may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Legal Department of the EPC at 3629 Queen Palm Dr., Tampa, Florida 33619, Phone 813-627-2600, Fax 813-627-2602. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S. must be filed within 14 (fourteen) days of publication of the public notice or within 14 (fourteen) days of receipt of this notice of intent, whichever occurs first. Under Section 120.60(3), however, any person who asked the EPC for notice of agency action may file a petition within 14 (fourteen) 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 will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205 of the F.A.C.

A petition that disputes the material facts on which the EPC's action is based is required to 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, and the name, address, and telephone number of each petitioner's representative, if any, which shall be the address for service purposes during the course of the proceedings; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;
- (c) A statement of how and when petitioner received notice of the EPC action;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so

indicate;

(e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the EPC proposed action;

(f) A statement of specific rules or statutes the petitioner contends requires reversal or modification of the EPC'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 petitioner wishes the EPC to take with respect to the EPC's proposed action.

A petition that does not dispute the material facts upon which the EPC'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.

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

Mediation under section 120.573, F.S. is not available in this proceeding.

This action is final and effective on the date filed with the Clerk of the EPC unless a petition is filed in accordance with above. Upon the timely filing of a petition this order will not be effective until further order of the EPC.

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 EPC's Legal Office at 3629 Queen Palm Dr., Tampa, Florida 33619 and 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 thirty days after this order is filed with the clerk of the Department.

The complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the Environmental Protection Commission of Hillsborough County, 3629 Queen Palm Dr., Tampa, FL 33619. The complete project file includes the proposed Permit, the application, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact Sterlin K. Woodard, P.E., at the above address, or call (813)627-2600, for additional information. Any written comments filed shall be available for public inspection. If written comments received result in a significant change in the proposed agency action, the EPC shall revise the proposed permit and require, if applicable, another Public Notice.

ENVIRONMENTAL PROTECTION COMMISSION OF
HILLSBOROUGH COUNTY, as Delegated by

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF PERMIT

Jeffrey M. Stewart
Environmental Superintendent
Mosaic Fertilizer, LLC
13830 Circa Crossing Drive
Lithia, FL 33547

Re: Hillsborough County - AP

Dear Mr. Stewart:

Enclosed is Construction Permit Number 0570094-011-AC, issued pursuant to Section 403.087, Florida Statutes, for the modification of the current Permit No. 0570094-009-AC to allow Mosaic Big Bend to move ammoniated phosphate (AP) products via the railcar rotary dump through Transfer Tower A, the stacker reclaimer, Transfer Point No. 2, Transfer Point No. 3, and the shipping terminal gantry, and finally into ships/barges.

Any party to this order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the EPC in the Legal Department at 3629 Queen Palm Dr, Tampa, FL 33619; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this Notice is filed with the clerk of the EPC.

Executed in Tampa, Florida.

Sincerely,

Richard D. Garrity, Ph.D.
Executive Director

RDG/KRZ/krz

cc: Rama Iyer, P.E. - Mosaic Fertilizer, LLC (e-mail)

CERTIFICATE OF SERVICE

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

Clerk Stamp

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

Clerk

Date

PERMITTEE:
Jeffrey M. Stewart
Environmental Superintendent
Mosaic Fertilizer, LLC
13830 Circa Crossing Drive
Lithia, FL 33547

PERMIT/CERTIFICATION
Permit No: 0570094-011-AC
County: Hillsborough
Expiration Date: November 30, 2014
Project: Minor Modification

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 62-204, 62-210, 62-212, 62-296, 62-297, and 62-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the EPC and made a part of hereof and specifically described as follows:

The permit authorizes the modification of Permit No. 0570094-009-AC to allow Mosaic Big Bend Terminal to move ammoniated phosphate (AP) products via the railcar rotary dump through Transfer Tower A, the stacker reclaimer, Transfer Point No. 2, Transfer Point No. 3, and the shipping terminal gantry, and finally into ships/barges.

The facility is currently permitted (0570094-010-AO) for the operation of a barge loading facility handling phosphate materials. The plant currently receives up to 2,233,800 ton/yr of GTSP, MAP, DAP, or wet phosphate rock and transports it for delivery to ships. Particulate matter emissions are generated from the handling of the materials through various batch drops and conveyor transfers. GTSP, MAP, DAP, and AFI are unloaded at the Truck and Railcar Unloading Station (EU No. 103) at a maximum rate of 300 tph. The facility has the capability of adding a dust suppressant at the underground receiving hopper as material is conveyed up Belt #8. The material is transferred from Belt #8 to Belt #9, which is part of EU No. 103, and then from Belt #9 to Belt #10 (EU No. 001 - Incoming Transfer Point No. 1) at a maximum rate of 300 tph. PM emissions from EU No. 001 are controlled by a 4,153 DSCFM Mikro-Pulsaire Model No. 81S-8-20 Baghouse (Baghouse #1). From Belt #10, the material is transferred to Belt #11 (EU No. 104-Warehouse Transfer Point), and then into the Warehouse Storage Building (EU No. 100), which is controlled by enclosures.

Front-end loaders place the product on conveyor belts through one of four openings on the north and south sides of the Warehouse Storage Building (EU No. 100). Inside the warehouse, the north belt (Belt #12) transfers to the east belt (Belt #13), which then transfers to the south belt (Belt #14). The products are conveyed from Belt #14 to Belt #4 (EU No. 002 - Outgoing Transfer Point No. 2) at a maximum rate of 1,300 tph through a partially enclosed covering which is connected to a 2,538 DSCFM Mikro-Pulsaire Model No. 49S-8-20 Baghouse (Baghouse #2). Material is then transferred from Belt #4 to Belt

#5 (EU No. 003 - Outgoing Transfer Point No. 3) at a maximum rate of 2,000 tph, with PM emissions controlled by a 2,538 DSCFM Mikro-Pulsaire Model No. 49S-8-20 Baghouse (Baghouse #3). The material is then transferred from Belt #5 to Belt #6 (EU No. 004 - Shipping Terminal Gantry-Transfer Point No. 4) at a maximum rate of 2,000 tph. PM emissions from the Belt #5 to Belt # 6 Transfer point (EU No. 004) are controlled by a 18,456 DSCFM Mikro-Pulseaire Model No. 384K-8-20 Baghouse (Baghouse #4). The material is then conveyed over the ship and dropped through a telescopic chute and into the ship or barge (EU No. 106 – Ship/Barge Hold Loading) at a maximum rate of 2,000 tph. PM emissions from the Barge Hold (EU No. 106) are controlled by dust suppressants, the telescopic choke chute, tarps (as necessary), and a pick-up point that leads to Baghouse #4.

The facility is authorized to utilize the wet phosphate rock operation to handle ammoniated phosphate product, which includes DAP and MAP. Wet phosphate rock and ammoniated phosphate product is unloaded via an existing Rotary Railcar Unloading Station (EU No. 109) at a rate of 2,000 tph, and transferred to a hopper to the existing Incoming Transfer Tower A (EU No. 110) via belt conveyor (Conveyor No. 1). Transfer Tower A consists of the Conveyor No. 1 to Conveyor A Transfer Point. PM emissions from the ammoniated phosphate product Railcar Unloading Station (EU No. 109) will be controlled by a 36,654 DSCFM JET-AIRE Model JA-378-CG Pulse-Jet Baghouse, while PM emissions from ammoniated phosphate product loading into Incoming Transfer Tower A (EU No. 110) will be controlled by a 1,450 DSCFM Dust Control and Loading Systems VMV Cartridge Filter Baghouse. Ammoniated phosphate product will also be unloaded via truck from the Truck Unloading Station (EU No. 107) at a maximum rate of 500 tph through a below grade hopper to a feed belt and on to a new belt conveyor (Conveyor F) and new Transfer Tower B (EU No. 111). PM emissions from the new Truck Unloading Station will be controlled by enclosure in a building, while PM emissions from Transfer Tower B (Conveyor F to Conveyor A Transfer Point) will be controlled by 1,450 DSCFM Dust Control and Loading Systems VMV Cartridge Filter Baghouse. Ammoniated phosphate product will be transferred from Transfer Tower A to Transfer Tower B via belt conveyor (Conveyor A). From Transfer Tower B, ammoniated phosphate product is belt conveyed to a new 220,313 ton Phosphate Product Warehouse No. 2 Storage Building (EU No. 108), and then at a maximum rate of 2,000 tph to Outgoing Transfer Point No. 3 (EU No. 003) via Conveyor B before final loadout into ships and barges through the existing shipping terminal gantry and ship/barge loading (EU Nos. 004 and 106). PM emissions from Phosphate Product Warehouse No. 2 Storage Building (EU No. 108) and Conveyor B are controlled by enclosure.

Wet phosphate rock or ammoniated phosphate product can also be conveyed through a belt conveyor between Transfer Tower A (EU No. 110) and the stacker reclaimer and then to storage piles (only for wet phosphate rock). The wet phosphate rock from the storage piles, or ammoniated phosphate product from the stacker reclaimer is conveyed from Belt #14 to Belt #4 (EU No. 002-Outgoing Transfer Point No. 2), and then through Belt #4 to Belt #5 (EU No. 003-Outgoing Transfer Point No. 3). Wet rock is then transferred from Belt #5 to Belt #6 (EU No. 004-Shipping Terminal Gantry-Transfer Point No. 4 for final loadout into a ship or barge (EU No. 106-Ship/Barge Hold Loading).

The facility will no longer handle GTSP, but will be allowed to handle up to 2,233,800 ton/yr of AP products and AFI (Animal Feed Ingredient, which is a form of granular calcium phosphate), as long as the moisture content is $\geq 0.72\%$ and the silt is $\leq 19\%$. The facility will also be allowed to handle the permitted materials without operation of their respective baghouses or cartridge filters, as long as a dust suppressant is applied, and the opacity is $< 5\%$.

Location: 12839 Wyandotte Road, Gibsonton, FL 33534

UTM: 17-361.0 E, 3076.2 N

NEDS NO: 0570094

Emission Unit ID: 001	Incoming Transfer Point #1
002	Outgoing Transfer Point #2
003	Outgoing Transfer Point #3
004	Shipping Terminal Gantry (Transfer Point #4)
100	Warehouse Storage Building
103	Railcar and Truck Unloading Station for AP and AFI
104	Warehouse Transfer Point
106	Ship/Barge Hold Loading
107	AP Truck Unloading
108	Phosphate Product Warehouse No. 2 Storage Building
109	Wet Phosphate Rock /AP Railcar Unloading Station
110	Wet Phosphate Rock/AP Incoming Transfer Tower A
111	AP Incoming Transfer Tower B

References Permit No.: 0570094-009-AC

PERMITTEE:
Mosaic Big Bend Terminal

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PROJECT: Minor Modification

SPECIFIC CONDITIONS:

1. A part of this permit is the attached General Conditions. [Rule 62-4.160, F.A.C.]
2. All applicable rules of the Environmental Protection Commission of Hillsborough County including design discharge limitations specified in the application shall be adhered to. The permit holder may also need to comply with county, municipal, federal, or other state regulations prior to construction. [Rule 62-4.070(7), F.A.C.]
3. Issuance of this permit does not relieve the permittee from complying with applicable emission limiting standards or other requirements of Chapters 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C., or any other requirements under federal, state, or local law. [Rule 62-210.300, F.A.C.]
4. The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants which cause or contribute to an objectionable odor. [Rule 62-296.320, F.A.C.]
5. The permittee shall not cause, permit, or allow visible emissions greater than or equal to the following opacity limits: [Rule 62-296.711(2)(a), F.A.C. and 1-3.52 Rules of the Environmental Protection Commission of Hillsborough County]

<u>Source</u>	<u>Opacity Standard</u>
A) Railcar and Truck Unloading Station (Hoppers and Belt #8 to Belt #9 Transfer Point)	5%
B) Incoming Transfer Point #1 (Belt #9 to Belt #10 Transfer Point) Enclosure and Baghouse #1 Exhaust	5%
C) Warehouse Transfer Point (Belt #10 to Belt #11 Transfer Point)	5%
D) Warehouse Storage Building No. 1	5%
E) Outgoing Transfer Point #2 (Belt #14 to Belt #4 Transfer Point) Enclosure and Baghouse #2 Exhaust	5%
F) Outgoing Transfer Point #3 (Belt #4 to Belt #5 Transfer Point) Enclosure and Baghouse #3 Exhaust	5%
G) Shipping Terminal Gantry-Transfer Point #4 (Belt #5 to Belt #6 Transfer Point) and Baghouse #4 Exhaust	5%
H) Ship/Barge Hold Loading*	5/10%
I) Wet Phosphate Rock/AP Railcar Unloading Station and Baghouse Exhaust	5%
J) AP Truck Unloading Station and Building Enclosure	5%
K) Phosphate Product Warehouse No. 2 Storage Building	5%
L) Wet Phosphate Rock/AP Incoming Transfer Tower A, stacker reclaimer, and Baghouse Exhaust	5%
M) Wet Phosphate Rock/AP Incoming Transfer Tower B and Baghouse Exhaust	5%

* 10% opacity is allowed from the shiphold during loading only when the conveyor discharging material to the shiphold is moving.

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6. In order to limit the potential to emit and establish the facility as a Synthetic Non-Title V source, particulate matter emissions shall not exceed 83.6 tons per twelve consecutive month period, and the facility shall not exceed the limitations of Specific Condition Nos. 7 and 9.

[Rules 62-210.200 – “Potential to Emit” and 62-4.070(3), F.A.C.; and Air Construction Permit No. 0570094-009-AC]

7. For each of the emission units listed in Specific Condition No. 5 that is equipped with a baghouse, the permittee shall not exceed the maximum allowable particulate matter emissions from each baghouse specified below: [Rules 62-4.070(3) and 62-296.711, F.A.C.; and Permit No. 0570094-009-AC]

<u>Source</u>	<u>(gr/dscf)</u>	<u>(DSCFM)</u>
Incoming Baghouse #1 Exhaust	0.03	4,153
Outgoing Baghouse #2 Exhaust	0.03	2,538
Outgoing Baghouse #3 Exhaust	0.03	2,538
Shipping Terminal Gantry	0.03	18,456
Baghouse #4 Exhaust		
Wet Phosphate Rock/AP Railcar	0.03	38,654
Unloading Baghouse		
Wet Phosphate Rock/AP Incoming	0.03	1,450
Transfer Tower A Baghouse		
Wet Phosphate Rock/AP Incoming	0.03	1,450
Transfer Tower B Baghouse		

8. [Reserved]

9. In order to ensure compliance with Specific Condition Nos. 5, 6, and 7, the following restrictions shall apply: [Rule 62-4.070(3), F.A.C., and AC Permit No. 0570094-009-AC]

- A) The hours of operation for the emission units are not limited.
- B) Only wet phosphate rock, ammoniated phosphate products (AP) and Animal Feed Ingredient (AFI) may be transferred. Wet phosphate rock is defined as follows: “Material produced in a phosphate beneficiation plant by washing and flotation, both of which are wet processes. Material produced in a fuel fired kiln or dryer, in which water is then applied, is not wet phosphate rock.”
- C) No more than 2,233,800 tons of AP and AFI combined shall be transferred through the facility in any twelve consecutive month period. Records of the same shall be kept on-site and be made available upon request.
- D) Maximum transfer rate of Transfer Point #1 is 300 tph.
- E) Maximum transfer rate for Transfer Point #2 is 1,300 tph.
- F) Maximum transfer rate for Transfer Point #3 and the Shipping Terminal Gantry-Transfer Point #4 is 2,000 tph.

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- G) Maximum transfer rate for the Wet Phosphate Rock/AP Unloading Station, Incoming Transfer Tower A and Phosphate Products Warehouse No. 2 Storage Building is 2,000 tph.
 - H) Maximum transfer rate for Transfer Point #2 is 1,300 tph.
 - I) Maximum transfer rate for AP Truck Unloading and Incoming Transfer Tower B is 500 tph.
 - J) The baghouses shall be maintained in good working order.
 - K) The permittee is authorized to perform truck and railcar unloading operations simultaneously.
 - L) All doors, vents, fans, etc. leading into or out of the warehouses during periods of material transfer must remain closed, except for the openings associated with the conveyor(s) in use at that time.
 - M) All ship and barge loading shall utilize the telescopic chute.
 - N) Oil application or dust suppressant application to the products is done at the processing plant prior to delivery of the product to the transfer facility, or the product must be sufficiently treated with non-hazardous oil or dust suppressant on site as needed to meet the opacity limit.
 - O) A chemical coating shall be applied to all AFI on the outgoing conveyor from the warehouse (Belt #14).
 - P) A chemical coating should be applied as necessary to AFI at the receiving hopper (Belt #8) to ensure sufficient dust suppression to meet opacity standards while material is transferred to the warehouse.
 - Q) A daily visible emission observation shall be performed and recorded on any dates that material is received or loaded to ships to provide reasonable assurance of continued compliance with the opacity standard. The observations should be an instantaneous reading during active material transport using EPA Method 22 procedures. At least one reading should be made on the incoming conveyor systems and one reading on the outgoing conveyor systems at the point of highest observed opacity from the various transfer/loadout points.
10. The permittee is allowed to handle products with the baghouses turned off provided that:
[Rules 62-296.711(2)(a) and 62-4.070(3), F.A.C.; and Permit No. 0570094-009-AC]
- A) At no time shall the visible emissions limit of 5% opacity be exceeded.
 - B) Oil application or dust suppressant application to the products is done at the processing plant prior to delivery of the product to the transfer facility, or the product must be sufficiently treated with non-hazardous oil or dust suppressant on site as needed to meet the opacity limit.
 - C) Before handling any material with the control equipment turned off, an initial VE test demonstrating compliance must be performed for AFI on all points controlled by baghouses while the baghouses are not in operation.
 - D) The visible emission tests conducted in C) of this condition shall indicate the approximate usage of dust suppressant (gals/ton) and approximate date the product was oiled, or treated.
11. All reasonable precautions shall be taken to prevent emissions of unconfined particulate matter. Reasonable precautions shall include, but are not limited to, the following:
[Rule 62-296.320(4)(c)3, F.A.C.]
- A) Paving or maintenance of roads, parking areas, and yards.
 - B) Application of water when necessary to control emissions.

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- C) Removal of particulate matter from roads and other paved areas under the control of the owner or operator.
 - D) Maintenance of the material transport system, if necessary, including coverings or enclosures.
 - E) Curtailing operations if winds are entraining unconfined particulate matter.
12. The permittee shall use tarps or canvas, as necessary, to cover the shipholds when loading material into the shipholds in order to meet the required opacity limitations. [Rule 62-4.070(3), F.A.C.]
13. The maximum allowable emission rate for particulate matter for the baghouses is set by Specific Condition No. 7. However, because of the expense and complexity of conducting a stack test on minor sources of particulate matter, the Environmental Protection Commission of Hillsborough County pursuant to the authority granted under Rule 62-297.620(4), F.A.C. hereby allows the particulate matter testing on all baghouses, except the one that controls the Wet Phosphate Rock/AP Railcar Unloading Station, to be waived in lieu of a visible emission standard not to exceed an opacity of 5%.
[Rules 62-297.620(4) and 62-296.711(3)(c), F.A.C.]
14. Test EU Nos. 001, 002, 003, 004, 100, 103, 104, and 106 for visible emissions annually while handling AFI. Both the pickup points and baghouse exhausts must be observed separately if the baghouses are being utilized to demonstrate compliance. Submit two copies of the test data to the Air Compliance Section of the Air Management Division of the Environmental Protection Commission of Hillsborough County (EPCHC) within 45 days of testing.
[Rules 62-297.310 F.A.C., and Rule 62-4.070(3), F.A.C.]
15. Within 180 days of completion of construction, test EU Nos. 107, 108, 109, 110, and 111 for visible emissions, and annually thereafter while handling AP product. Within 180 days of completion of construction and prior to permit renewal, test EU No. 109 for particulate matter while handling AP product. Both the pickup points and baghouse exhausts must be observed separately if the baghouses are being utilized to demonstrate compliance. Submit two copies of the test data to the Air Compliance Section of the Air Management Division of the Environmental Protection Commission of Hillsborough County (EPCHC) within 45 days of testing. [Rules 62-297.310 F.A.C., and Rule 62-4.070(3), F.A.C.]
16. The following testing conditions shall be adhered to: [Rule 62-4.070(3), F.A.C.]
- A) If Baghouse #4 is utilized during testing, testing of emissions from the Shipping Terminal Gantry Baghouse exhaust and Transfer Point #4 shall be conducted concurrently with ship loading operation.
 - B) If the baghouses are utilized during testing, testing of emissions from the baghouse exhaust and corresponding pickup points shall be conducted concurrently.
 - C) If testing is conducted without the baghouses in operation, then the test report must indicate the product, date, time and location of coating application, and the approximate usage of dust suppressant (lb/ton).

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17. Testing of emissions shall be conducted with the source operating at capacity. Capacity is defined as 90-100% of rated capacity listed in Specific Condition No. 9. If it is impracticable to test at capacity, then the source may be tested at less than capacity; in this case subsequent source operation is limited to 110% of the test load until a new test is conducted. Once the unit is so limited, then operation at higher capacities is allowed for no more than fifteen days for purposes of additional compliance testing to regain the rated capacity in the permit, with prior notification to the EPC. Failure to submit the input rates and actual operating conditions may invalidate the test. [Rules 62-4.070(3) and 62-297.310(2)(b), F.A.C.]

18. Compliance with the emission limitations of Specific Condition Nos. 5, 6 and 7 shall be determined using EPA Methods 1, 2, 4, 5, and 9 contained in 40 CFR 60, Appendix A, and adopted by reference in Rule 62-297, F.A.C. The Method 9 observation period on each source shall be at least 30 minutes. The minimum requirements for stack sampling facilities, source sampling and reporting shall be in accordance with Rule 62-297, F.A.C. and 40 CFR 60, Appendix A. [Rule 62-297, F.A.C.]

19. [Reserved]

20. Submit to the Environmental Protection Commission of Hillsborough County each calendar year on or before April 1, completed DEP Form 62-210.900(5), "Annual Operating Report for Air Pollutant Emitting Facility", for the preceding calendar year. For the purposes of this permit, annual emissions shall be determined and reported in the Annual Operating Report (AOR) using stack test data, or other appropriate emission factors. [Rule 62-210.370(3), F.A.C.]

21. The permittee shall minimize emissions at all times, including periods of startup, shutdown, and malfunction in a manner consistent with good air pollution control practice.
[Rules 62-210.700 and 62-4.070(3), F.A.C.]

22. The permittee shall install, operate, and maintain a measuring device to determine the air pressure differential across each baghouse within 10% accuracy. [Rule 62-4.070(3), F.A.C.]

23. The permittee shall record the pressure differential across the operating baghouses during any required compliance test. [Rule 62-4.070(3), F.A.C.]

24. When the Environmental Protection Commission of Hillsborough County (EPC) after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in Rules 62-204, 62-210, 62-212, 62-296, or 62-297, F.A.C., or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the source to conduct compliance tests which identify the nature and quantity of pollutant emissions from the source and to provide a report on the results of said tests to the EPC.
[Rule 62-297.310(7)(b), F.A.C.]

25. In order to demonstrate compliance with Specific Condition Nos. 6 and 9, the permittee shall maintain daily records of operations for the most recent three year period. The records shall be made

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available to the Environmental Protection Commission of Hillsborough County, state or federal air pollution agency upon request. The records shall include, but not limited to, the following:
[Rules 62-4.070(3) and 62-4.160(14), F.A.C.]

- A) Month, Day, and Year
- B) Amount of AP and AFI received individually and combined in tons per day.
- C) Amount of AP and AFI loaded out individually and combined in tons per day.
- D) Total of items C) and D) above for the most recent 12 consecutive month period in tons.
- E) Records of daily visible emission observations required by Specific Condition No. 9.

26. The permittee shall notify the Compliance Section of the Air Management Division of the Environmental Protection Commission of Hillsborough County at least 15 days prior to the date on which each formal visible emissions test is to begin of the time, date, and place of each such test, and the contact person who will be responsible for coordinating and having such test conducted.
[Rule 62-297.310(7)(a)9., F.A.C.]

27. The permittee shall provide timely notification to the Environmental Protection Commission of Hillsborough County prior to implementing any changes that may result in a modification to this permit pursuant to Rule 62-210.200(Modification), F.A.C. The changes do not include normal maintenance and may also require prior authorization before implementation. The changes may include, and are not limited to, the following: [Rules 62-210.300 and 62-4.070(3), F.A.C.]

- A) Alteration or replacement of any equipment or major component of such equipment listed on Page 1 through 3 of this permit.
- B) Installation or addition of any equipment that is a source of air pollution.
- C) The use or handling of materials or fuels other than those authorized by this permit.

28. If the permittee wishes to transfer this permit to another owner, an "Application for Transfer of Permit" (DEP Form 62-210.900(7)) shall be submitted, in duplicate, to the Environmental Protection Commission of Hillsborough County within 30 days after the sale or legal transfer of the permitted facility.
[Rule 62-4.120, F.A.C.]

29. A minimum of two copies of an application for an operation permit shall be submitted to the Environmental Protection Commission of Hillsborough County within 60 days of completion of compliance testing while handling AP or at least 90 days prior to the expiration date of this permit, whichever occurs first. At least one copy of the particulate matter and VE tests required by Specific Condition Nos. 14 and 15 shall be included with the application. [Rules 62-4, 62-210, 62-296.700, F.A.C.]

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ENVIRONMENTAL PROTECTION COMMISSION
OF HILLSBOROUGH COUNTY

Richard D. Garrity, Ph.D.
Executive Director