ENVIRONMENTAL PROTECTION COMMISSION OF
HILLSBOROUGH COUNTY, as Delegated by

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF PERMIT ISSUANCE

Lynne Vadelund
Manager of Operation
CF Industries, Inc.
2520 Guy Verger Blvd.
Tampa, FL 33605

File No.: 05700515-006-AO
County: Hillsborough

Dear Ms. Vadelund:

Enclosed is Permit Number 0570051-006-AO to operate a phosphate materials unloading, storage, and ship loading operation, issued pursuant to Section 403.087, Florida Statutes. Please read this new permit thoroughly as there are changes from the previous permit.

The EPC will issue the final permit with the attached conditions unless a timely petition for an administrative hearing is filed 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 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 the permit applicant or any of the parties listed below 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 receipt of this permit. 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 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.

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. 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 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 Diana M. Lee, 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 Statues, 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

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Richard D. Garrity, Ph.D.
Executive Director

RDG/KRZ/krz

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT ISSUANCE 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 clerk, receipt of which is hereby acknowledged.

_____ _____
Clerk Date

PERMITTEE:	PERMIT/CERTIFICATION
CF Industries, Inc.	Permit No.: 0570051-006-AO
Tampa Phosphate Warehouse	County: Hillsborough
2520 Guy Verger Blvd.	Expiration Date: December 20, 2017
Tampa, FL 33605	Project: Phosphate Materials Handling Operation

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 Tampa Phosphate Warehouse is a phosphate fertilizer materials (DAP, MAP, GTSP) handling and storage facility. The Warehouse receives phosphate materials via truck and railcar, and unloads, transfers, stores and loads the materials onto ships. The materials are transferred by conveyor belt systems. The facility's materials handling processes is described as follows:

Railcar and Truck Unloading Operations

Phosphate materials can be unloaded from a railcar unloading station and two truck unloading stations. The materials are transported to the 75,000 ton storage building from the unloading hoppers into the conveyor belt system at a maximum product transfer rate of 325 ton/hr.

1. Railcar Unloading Station

The railcar unloading is accomplished as follows: hopper to conveyor C-15, conveyor C-15 to conveyor C-16, conveyor C-16 to either elevator E-3A or conveyor C-17. If the product continues on elevator E-3A, it is transferred to conveyor C-4A, then to shuttle conveyor C-5 and to the storage pile. If the product continues on conveyor C-17, it is transferred to elevator E-3B, and elevator E-3B to conveyor C-4B, and to the storage pile.

Particulate emissions generated during the unloading and handling of the product from railcars are controlled by the application of a dust suppressant before transferring to the phosphate warehouse.

2. East Truck Unloading Station

The east truck unloading is accomplished as follows: hopper to conveyor C-2B, conveyor C-2B to elevator E-3B, elevator E-3B to conveyor C-4B, and to the storage pile.

Particulate emissions generated during the unloading and handling of the product from tanker trucks are controlled by use of a dust suppressant before transferring to the phosphate warehouse.

3. West Truck Unloading Station

The west truck unloading is accomplished as follows: hopper to conveyor C-2A, conveyor C-2A to elevator E-3A, elevator C-3A to conveyor C-4, conveyor C-4 to shuttle conveyor C-5, and to the storage pile.

Particulate emissions generated during the unloading and handling of the product from tanker trucks are controlled by use of a dust suppressant before transferring to the phosphate warehouse.

Ship Loading

Ship loading is accomplished by loading fertilizer into hoppers inside the storage building using front-end loaders at a maximum loading rate of 2400 tons per hour. Material can be loaded into one of three hoppers: H-7A, H-7B, or H-7C. From hopper H-7A, material is transferred to conveyor C-8A and from conveyor C-8A to conveyor C-9. From hopper H-7B, material is transferred to conveyor C-8B, then to conveyor C-8C, and from conveyor C-8C to conveyor C-9. From hopper H-7C, material is transferred to conveyor C-8D and from conveyor C-8D to conveyor C-9. Conveyor C-9 transfers the material to conveyor C-12 and from conveyor C-12 into the telescoping loading chute with rotating horn.

Particulate emissions generated during the shiploading operation are controlled by the use of a dust suppressant applied prior to arrival at the phosphate warehouse facility. Additional dust suppressant may be added after transferring the material into the hoppers H-7A, H-7B, or H-7C inside the storage building during loadout, as needed. The hold is also tarped when loading GTSP and as necessary with other products, or as stipulated in Specific Condition No. 7.J) of this permit.

The facility-wide potential to emit (PTE) for PM emissions is 63.1 TPY. The facility is subject to PM RACT, Rule 62-296.711, F.A.C. (Materials Handling, Sizing, Screening, Crushing and Grinding Operations) and Chapter 1-3.52, Rules of the EPC, which requires that all the material handling operations comply with a 5% opacity standard. The material handling from the shiphold is required to comply with a 10% opacity standard.

Location: 2520 Guy Verger Blvd., Tampa, Hillsborough County

UTM: 17-359.1 E 3089.8 N

NEDS NO: 0570051

Emission Unit Nos.: 001 - Phosphate Handling Operation
002 – Shiphold

Replaces Permit No.: 0570051-005-AO

SPECIFIC CONDITIONS:

1. A part of this permit is the attached 15 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(2), F.A.C.]

5. Visible emission from any point during the product transfer operation shall not exceed 5% opacity. [Rule 62-4.070(3) and 62-296.711, F.A.C., Chapter 1-3.52, Rules of the EPC and Permit No. AC29-259870]

6. Visible emissions from the shiphold during the product transfer operation shall not exceed 10% opacity. [Rule 62-4.070(3) and 62-296.711, F.A.C., Chapter 1-3.52, Rules of the EPC and Permit No. AC29-259870]

7. To ensure compliance with Specific Condition Nos. 5 and 6, the following restrictions and conditions shall apply [Rule 62-4.070(3), F.A.C. and Permit No. AC29-265015]:

A) The maximum throughput for handing GTSP shall not exceed 500,000 tons for any twelve consecutive months. The maximum throughput for handing MAP/DAP shall not exceed 4,670,000 tons for any twelve consecutive months. No other products are authorized under this permit. Hours of operation are not restricted.
B) All fertilizer products shall be coated with dust suppressant prior to receipt at the Tampa Phosphate Warehouse facility.
C) For products manufactured by CF Industries at the Plant City Phosphate Complex, records shall be maintained on suppressant data (MSDS or equivalent) and the amount of dust suppressant applied (gallon/ton) for each type of product manufactured for the preceding months.
D) Occasionally product is received from sources other than CF Industries. CF Industries shall require certification that dust suppressant has been applied prior to receipt.
E) Should additional coating be required, the Tampa Phosphate Warehouse shall provide a backup system for application of dust suppressant during ship loading operations.
F) At least one employee assigned to the Tampa Warehouse shall be certified in the DEP Method 9 procedures and shall monitor the facility operations.
G) A documented training program shall be instituted to instruct shift supervisors in the opacity requirements.

SPECIFIC CONDITIONS:

H) Partial enclosures around the railcar/truck to hopper and belt to belt transfer points shall be maintained.
I) Partial enclosures around the belt to belt transfer points shall be maintained.
J) Tarps shall be used to cover the shiphold when loading GTSP until visible emissions test during the handling of this product, that meets the opacity limit without the tarps, is submitted to the Air Management Division of the Environmental Protection Commission of Hillsborough County. From that point forward, tarps shall be used as needed when handling GTSP to meet the opacity limit.
K) Tarps shall be used as needed when handling DAP and MAP to meet the opacity limit.
L) The drop height in the shiphold will be minimized to the extent practical by using the telescoping feed spout.

8. Test the truck unloading stations, railcar station, conveyor transfer points, gantry, and the shiphold for visible emissions once per federal fiscal year (October 1 – September 30) with a target date of March 27th. The readings shall be taken on the highest point of opacity from the operation. Submit two (2) copies of test data to the Air Compliance Section of the Environmental Protection Commission of Hillsborough County within 45 days of such testing. [Rules 62-297.310 and 62-4.070(3), F.A.C.]

9. Compliance with the emission limitations of Specific Condition Nos. 5, and 6 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 EPA Method 9 test shall be conducted by a certified observer and be a minimum of thirty (30) minutes in duration. The minimum requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Rule 62-297.310, F.A.C. and 40 CFR 60, Appendix A.

10. Testing emissions shall be conducted with the source operating at capacity. Capacity is defined as 90-100% of 325 TPH of GTSP product transport rate for GTSP/MAP/DAP combined railcar and truck unloading operation. Furthermore, capacity is defined as 90-100% of 2400 TPH of GTSP product transport rate for GTSP/MAP/DAP conveying system transfer points and gantry and shiphold loading operations. If GTSP is not available, the tests will be performed while handling equivalent rates for MAP or DAP. In the event the test is done using MAP or DAP, then an additional test must be conducted the next time the facility handles GTSP. Testing must be conducted under conditions representative of the operating conditions of this permit. 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 capacity in the permit, with prior notification to the EPC. Failure to submit the input rates and actual operating conditions, including the type of product handled, may invalidate the test. [Rule 62-4.070(3), F.A.C.]

11. The permittee shall notify the Air Compliance Section of the Environmental Protection Commission of Hillsborough County at least 15 days prior to the date on which each formal compliance test is to begin of the date, time, and place of each such test, and the contact person who will be responsible for coordinating and having such test conducted. [Rules 62-297.310 and 62-209.500, F.A.C]

SPECIFIC CONDITIONS:

12. 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.]

13. In order to demonstrate compliance with Specific Condition No. 7, the permittee shall maintain monthly records of operation. Records shall be kept onsite for three years and shall be made available to any local, state or federal air pollution agency upon request. At a minimum the records shall include, but not be limited to, the following: [Rules 62-4.070(3) and 62-4.160(14)(b), F.A.C.]

A) Certificate for a smoke reader employed at the terminal.
B) Training program for shift supervisors and when they took it.
C) Tons of each product handled (shipped or received).

14. All reasonable precautions shall be taken to prevent and control generation of unconfined emissions of particulate matter in accordance with the provision in Rule 62-296.320, F.A.C. These provisions are applicable to any source, including, but not limited to, vehicular movement, transportation of materials, construction, alterations, demolition or wrecking, or industrial related activities such as loading, unloading, storing and handling. Reasonable precautions shall also include:

A) Maintain product transport system in good operable condition.
B) Prompt clean-up of spills on paved roadways.
C) Reduce vehicular speed to 15mph or less.
D) Maintain trafficked area and roadways clean. Vacuum or apply dust suppressants as needed.
E) Make personnel aware of the environmental requirements of this permit.
F) Exercise good housekeeping at all times.
G) Maintain vegetative ground cover in facility yard.

15. 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, F.A.C., Modification. The changes do not include normal maintenance, but may include, and are not limited to, the following, and may also require prior authorization before implementation: [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.*
B) Installation or addition of any equipment* which is a source of air pollution.
C) The use of materials and fuels other than those authorized in this permit.

SPECIFIC CONDITIONS:

*Not applicable to routine maintenance, repair, or replacement of component parts of an emission unit.

16. Prior to 60 days before the expiration of this operating permit, the permittee shall apply for a renewal of the permit using the current version of the permit renewal application form and submit the most recent 3 months of records as specified in Specific Condition Nos. 7.C) and 7.D) and 13.C). If the application is submitted prior to sixty days before the expiration of the permit, it will be considered timely and sufficient. If the renewal application is submitted at a later date, it will not be considered timely and sufficient unless it is submitted and made complete prior to the expiration of the operation permit. When the application for renewal is timely and sufficient, the existing permit shall remain in effect until the renewal application has been finally acted upon by the EPC. [Rules 62-4.090, F.A.C. and 62-4.070(3), F.A.C.]

ENVIRONMENTAL PROTECTION COMMISSION
OF HILLSBOROUGH COUNTY

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Richard D. Garrity, Ph.D.
Executive Director