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

PERMITTEE

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

Authorized Representative:
Keith Nadaskay, Environmental Superintendent

Air Permit No. 1050046-046-AC
Permit Expires: 12/31/2017
Minor Air Construction Permit

Bartow Facility
Installation of a coating oil ribbon blender and use of UAN and other nitrogen enhancing materials

PROJECT

This is the final air construction permit, which authorizes installation of a coating oil ribbon blender in the No. 4 Fertilizer Plant (EU No. 021) and introduction of Urea Ammonium Nitrate (UAN) and other nitrogen enhancing materials in the rotary cooler in addition to the currently allowed urea. The proposed work will be conducted at the existing Mosaic Bartow Facility, which is a Phosphate Fertilizer Manufacturing Facility categorized under Standard Industrial Classification No. 2874. The existing facility is located in Polk County at 3200 Hwy West in Bartow, Florida. The UTM coordinates are Zone 17, 409.77 km East and 3087.26 km North.

This final permit is organized into the following sections: Section 1 (General Information); Section 2 (Administrative Requirements); Section 3 (Emissions Unit Specific Conditions); and Section 4 (Appendices). Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of Section 4 of this permit. As noted in the Final Determination provided with this final permit, only minor changes and clarifications were made to the draft permit.

STATEMENT OF BASIS

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

Upon issuance of this final permit, any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statutes by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel (Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000) and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The notice must be filed within 30 days after this order is filed with the clerk of the Department.

Executed in Hillsborough County, Florida

for

_____

Pamala Vazquez
Program Administrator
Permitting & Waste Cleanup Program
Southwest District

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Air Permit package was sent by electronic mail, or a link to these documents made available electronically on a publicly accessible server, with received receipt requested before the close of business on the date indicated below to the following persons.

Keith Nadaskay, Mosaic Fertilizer, LLC (keith.nadaskay@mosaicco.com)
Rama Iyer, P.E., Mosaic Fertilizer, LLC (rama.iyer@mosaicco.com)
Scott Borderieux, Florida DEP Southwest District, (scott.borderieux@dep.state.fl.us)
Danielle D. Henry, Florida DEP Southwest District, danielle.d.henry@dep.state.fl.us

Clerk Stamp

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

Rhonda Hughes
(Clerk)

June 13, 2016
(Date)

FACILITY DESCRIPTION

The existing facility consists of the following emissions units.

Facility ID No. 1050046

ID No.	Emission Unit Description
Regulated Emissions Units	
001	No. 3 Fertilizer (DAP/MAP) Plant
002	No. 4 Fertilizer Shipping Plant
004	No. 3 Fertilizer Shipping Plant
010	Wet Phosphoric Acid Plant (No. 4 & No. 5 combined)
012	No. 4 Sulfuric Acid Plant
021	No. 4 Fertilizer Plant
032	No. 6 Sulfuric Acid Plant
033	No. 5 Sulfuric Acid Plant
045	Molten Sulfur System - Stack 45 (Pit A), 200 ton molt sulf pit
046	Molten Sulfur Storage - Vent 44 from 6,000 ton tank
047	Molten Sulfur System (Vent from 3,000 ton surge tank)
050	Molten Sulfur System - Stack 47 (Pit B), 300 ton molt sulf pit
052	Phosphogypsum Stack
073	NG Fired 75 mmBtu/hr boiler at Greenbay
Unregulated Emissions Units and Activities	
051	Cleaver Brooks Package Watertube Boiler
053	Facility Wide Unregulated Emissions
061	Waste Heat Boiler Blowdown/Flash Tank Discharge
062	Tank Truck Loading/Unloading of Sulfuric Acid
063	Industrial Cooling Towers
064	Process and Product Storage Tanks
065	Auxiliary Power Generators and Diesel Fuel Tank
066	Molten Sulfur Fires and Spill Cleanup
067	VOC From Solvent Cleaning of Small Parts
068	Welding, Grinding, and Cutting Metal for Maintenance
069	Fugitive Dust/Exhaust Emissions From Maint. Vehicles
070	Misc. Painting and Relining Rubber-Lined Vessels
071	Vehicle Fleet Fuel Storage Tanks
072	Sulfuric Acid Plant Catalyst Removal and Classifying
074	New Stationary Emergency CI RICE
075	Existing Emergency CI RICE > 500 hp
076	Existing Emergency CI RICE < or equal to 500 hp
077	Existing Non-Emergency CI RICE 100 < hp < 500
078	Existing Non-Emergency Stationary CI RICE < 100 hp
079	Green Bay Phosphogypsum Stacks I & II

PROPOSED PROJECT

The applicant proposes to install a coating oil ribbon blender in the No. 4 Fertilizer Plant. The applicant also proposes to introduce Urea Ammonium Nitrate (UAN) and other nitrogen enhancing materials in the rotary cooler in addition to the currently allowed urea.

This project will modify the following emissions units.

Facility ID No. 1050046	
ID No.	**Emission Unit Description**
021	No. 4 Fertilizer Plant

FACILITY REGULATORY CLASSIFICATION

- The facility is a major source of hazardous air pollutants (HAP).
- The facility does not operate units subject to the acid rain provisions of the Clean Air Act (CAA).
- The facility is a Title V major source of air pollution in accordance with Chapter 62-213, F.A.C.
- The facility is a major stationary source in accordance with Rule 62-212.400(PSD), F.A.C.

PERMIT HISTORY/AFFECTED PERMITS

This permit references current Title V Air Operation Permit 1050046-038-AV and pending Title V Air Operation Permit 1050046-042-AV.

ADMINISTRATIVE REQUIREMENTS

1. Permitting Authority: The permitting authority for this project is the Southwest District of the Department of Environmental Protection (Department). The mailing address, phone number and e-mail address is:

   Florida Department of Environmental Protection
   Southwest District Office
   Air and Solid Waste Permitting Program
   13051 North Telecom Parkway
   Temple Terrace, Florida 33637-0926
   Telephone: 813-470-5700
   E-mail: SWD_Air_Permitting@dep.state.fl.us

   All documents related to applications for permits shall be submitted to the above e-mail address and/or address.

2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Florida Department of Environmental Protection (Department), Southwest District Office's Compliance Assurance Program. The mailing address, phone number and e-mail address is:

   Florida Department of Environmental Protection
   Southwest District Office
   Compliance Assurance Program
   13051 North Telecom Parkway
   Temple Terrace, Florida 33637-0926
   Telephone: 813-470-5700
   E-mail: SWD_Air@dep.state.fl.us

3. Appendices: The following Appendices are attached as a part of this permit:
   - Appendix A (Citation Formats and Glossary of Common Terms);
   - Appendix B (General Conditions);
   - Appendix C (Common Conditions);
   - Appendix D (Common Testing Requirements);
   - Appendix E 40 CFR 63, Subpart A – NESHAP General Provisions;
   - Appendix F 40 CFR 63, Subpart BB – National Emissions Standards for Hazardous Air Pollutants (NESHAP) for Phosphate Fertilizer Production Plants; and
   - Appendix G ASP Request 15-U-AP – Alternate Monitoring Plan to that required by 40 CFR 63, Subparts AA & BB dated 05/15/2015.

4. Applicable Regulations, Forms and Application Procedures: Unless otherwise specified in this permit, the construction and operation of the subject emissions units shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of: Chapter 403, F.S.; and Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations.

5. New or Additional Conditions: For good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time.
[Rule 62-4.080, F.A.C.]

6. Modifications: The permittee shall notify the Compliance Authority upon commencement of construction. No new emissions unit shall be constructed and no existing emissions unit shall be modified without obtaining an air construction permit from the Department. Such permit shall be obtained prior to beginning construction or modification.
[Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]

7. Construction and Expiration. The expiration date shown on the first page of this permit provides time to complete the physical construction activities authorized by this permit, complete any necessary compliance testing, and obtain an operation permit. Notwithstanding this expiration date, all specific emissions limitations and operating requirements established by this permit shall remain in effect until the facility or emissions unit is permanently shut down. For good cause, the permittee may request that that a permit be extended. Pursuant to Rule 62-4.080(3), F.A.C., such a request shall be submitted to the Permitting Authority in writing before the permit expires.
[Rules 62-4.070(4), 62-4.080 & 62-210.300(1), F.A.C.]

8. Source Obligation:

   a. At such time that a particular source or modification becomes a major stationary source or major modification (as these terms were defined at the time the source obtained the enforceable limitation) solely by virtue of a relaxation in any enforceable limitation which was established after August 7, 1980, on the capacity of the source or modification otherwise to emit a pollutant, such as a restriction on hours of operation, then the requirements of subsections 62-212.400(4) through (12), F.A.C., shall apply to the source or modification as though construction had not yet commenced on the source or modification.
   b. At such time that a particular source or modification becomes a major stationary source or major modification (as these terms were defined at the time the source obtained the enforceable limitation) solely by exceeding its projected actual emissions, then the requirements of subsections 62-212.400(4) through (12), F.A.C., shall apply to the source or modification as though construction had not yet commenced on the source or modification.

[Rule 62-212.400(12), F.A.C.]

9. Actual Emissions Reporting: This permit is based on an analysis that compared baseline actual emissions with projected actual emissions and avoided the requirements of subsection 62-212.400(4) through (12), F.A.C. for several pollutants. Therefore, pursuant to Rule 62-212.300(1)(e), F.A.C., the permittee is subject to the following monitoring, reporting and recordkeeping provisions.

   a. The permittee shall monitor the emissions of any PSD pollutant that the Department identifies could increase as a result of the construction or modification and that is emitted by any emissions unit that could be affected; and, using the most reliable information available, calculate and maintain a record of the annual emissions, in tons per year on a calendar year basis, for a period of 5 years following resumption of regular operations after the change. Emissions shall be computed in accordance with the provisions in Rule 62-210.370, F.A.C., which are provided in Appendix C of this permit.

   b. The permittee shall report to the Department within 60 days after the end of each calendar year during the 5-year period setting out the unit's annual emissions during the calendar year that preceded submission of the report. The report shall contain the following:

1) The name, address and telephone number of the owner or operator of the major stationary source;
2) The annual emissions calculations pursuant to the provisions of 62-210.370, F.A.C., which are provided in Appendix C of this permit;
3) If the emissions differ from the preconstruction projection, an explanation as to why there is a difference; and
4) Any other information that the owner or operator wishes to include in the report.

c. The information required to be documented and maintained pursuant to subparagraphs 62-212.300(1)(e)1 and 2, F.A.C., shall be submitted to the Department, which shall make it available for review to the general public.

For this project, the permit requires the annual reporting of PM and F emissions for the following unit: EU 021 – No.4 Fertilizer Plant

[Application 1050046-046-AC; and Rules 62-212.300(1)(e) and 62-210.370, F.A.C.]

10. Application for Title V Air Operation Permit: This permit authorizes modification of the permitted emissions unit and initial operation to determine compliance with Department rules. A Title V air operation permit is required for continued operation of the permitted emissions unit. The permittee shall apply for a Title V air operation permit at least 90 days prior to expiration of this permit, but no later than 180 days after commencing operation or commencing operation as modified. Commencing operation means setting into operation of any emissions unit for any purpose. To apply for a Title V air operation permit, the applicant shall submit the following:

a. the appropriate permit application form *(see current version of Rule 62-210.900, F.A.C. (Forms and Instructions), and/or FDEP Division of Air Resource Management website at: http://www.dep.state.fl.us/air/)*;

b. a copy of the initial compliance test report(s) required by Specific Condition No. A.13., if not previously submitted;

c. copies of the most recent month of records/logs specified in Specific Condition No. A.14.

The application shall be submitted to the Permitting Authority.

[Rules 62-4.030, 62-4.050 and Chapter 62-213, F.A.C.]

11. Electronic Annual Operating Report and Title V Annual Emissions Fees. The information required by the Annual Operating Report for Air Pollutant Emitting Facility [Including Title V Source Emissions Fee Calculation] (DEP Form No. 62-210.900(5)) shall be submitted by April 1 of each year, for the previous calendar year, to the Department of Environmental Protection's (DEP) Division of Air Resource Management. Each Title V source shall submit the annual operating report using the DEP's Electronic Annual Operating Report (EAOR) software, unless the Title V source claims a technical or financial hardship by submitting DEP Form No. 62-210.900(5) to the DEP Division of Air Resource Management instead of using the reporting software. Emissions shall be computed in accordance with the provisions of subsection 62-210.370(2), F.A.C. Each Title V source must pay between January 15 and April 1 of each year an annual emissions fee in an amount determined as set forth in subsection 62-213.205(1), F.A.C. The annual fee shall only apply to those regulated pollutants, except carbon monoxide and greenhouse gases, for which an allowable numeric emission-limiting standard is specified in the source's most recent construction permit or operation permit. Upon completing the required EAOR entries, the EAOR Title V Fee Invoice can be printed by the source showing which of the reported emissions are subject to the fee and the total Title V Annual Emissions Fee that is due. The submission of the annual Title V emissions fee payment is also due (postmarked) by April 1st of each year. A copy of the system-generated EAOR Title V Annual Emissions Fee Invoice and the indicated total fee shall be submitted to: **Major Air Pollution Source Annual Emissions Fee, Post Office Box 3070, Tallahassee, Florida 32315-3070.** Additional information is available by accessing the Title V Annual Emissions Fee On-line

Information Center at the following Internet web site: http://www.dep.state.fl.us/air/emission/tvfee.htm. [Rules 62-210.370(3), 62-210.900 & 62-213.205, F.A.C.; and, §403.0872(11), Florida Statutes (2013)] *{Permitting Note: Resources to help you complete your AOR are available on the electronic AOR (EAOR) website at: http://www.dep.state.fl.us/air/emission/eaor. If you have questions or need assistance after reviewing the information posted on the EAOR website, please contact the Department by phone at (850) 717-9000 or email at eaor@dep.state.fl.us.}*

{Permitting Note: The Title V Annual Emissions Fee form (DEP Form No. 62-213.900(1)) has been repealed. ***A separate Annual Emissions Fee form is no longer required to be submitted by March 1st each year.****}*

A. EU 021 – No. 4 Fertilizer Plant

This section of the permit addresses the following emissions unit.

EU No.	Emission Unit Description
021	No. 4 Fertilizer Plant - The No. 4 Fertilizer Diammonium Phosphate (DAP) Plant consists of a reactor, granulator, dryer, cooler, mills, screens and ancillary equipment. Emissions from the dryer pass through the venturi, cyclonic and cross-flow scrubbers. Emissions from the cooler pass through a separate cross-flow scrubber. Emissions from the reactor, granulator, screen vents and material handling systems pass through a separate RGV scrubbing system consisting of venturi, cyclonic and cross-flow scrubbers. The exhaust from all three processes is discharged through a common stack.

FEDERAL REGULATIONS

A.1. Federal Regulatory Requirements: This emission unit is subject to 40 CFR 63, Subpart A (General Provisions) and 40 CFR 63, Subpart BB – National Emission Standards for Hazardous Air Pollutants From Phosphate Fertilizers Production Plants, which is adopted by reference in Rule 62-204.800, F.A.C.
[Rule 62-204.800(11), F.A.C.]

EQUIPMENT

A.2. Ribbon Blender: The permittee is authorized to install a coating oil ribbon blender. The permittee is also authorized to use Urea Ammonium Nitrate (UAN) and other nitrogen enhancing materials in the rotary cooler in addition to the currently allowed Urea.
[Application No. 1050046-046-AC]

PERFORMANCE RESTRICTIONS

A.3. Permitted Capacity: The maximum production rate for the No. 4 Fertilizer (DAP) plant shall not exceed 261 tons of DAP per hour (daily average basis; 120 TPH @ 100% P_2O_5) and 2,170,212 tons of DAP per year.
[Rule 62-210.200(PTE), F.A.C. and Air Construction Permit No. AC53-246403/PSD-FL-211]

A.4. Permitted Capacity, Heat Input: The maximum allowable heat input rate to the dryer shall not exceed 40 MMBtu per hour (daily average basis).
[Rule 62-210.200(PTE), F.A.C. and Air Construction Permit No. AC53-246403/PSD-FL-211]

A.5. Restricted Operation: The hours of operation are not limited (8760 hours per year).
[Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]

EMISSIONS STANDARDS

A.6. Emissions Standards:

a. Visible Emissions. Visible emissions shall not exceed 10%. The visible emissions test shall be conducted by a certified observer and be a minimum of thirty minutes in duration, unless otherwise specified. The test observation period shall include the period during which the highest opacity can reasonably be expected to occur.
[Rule 62-297.310(5)(a), F.A.C.; Air Construction Permit No. AC53-246403/PSD-FL-211.]

b. Fluoride Emissions. Fluoride emissions shall not exceed any of the following: 0.060 pound of fluoride per ton of equivalent P_2O_5 feed (30 g/metric ton), 5.50 pounds of fluoride per hour, 23.40 tons of fluorides per year.
[40 CFR 60.222, Air Construction Permit No. AC53-246403/PSD-FL-211]

*{Permitting Note: The fluoride emission limit in Condition **A.6.** of 0.06 lb/ton equivalent P_2O_5 feed is the same as the applicable NESHAP, 40 CFR 63.622(a) limit of 0.06 lb/ton of equivalent P_2O_5 feed. The permittee shall comply with the applicable requirements of the NESHAP, 40 CFR 63, Subparts A and BB.}*

c. PM Emissions. Particulate matter (PM) emissions shall not exceed any of the following: 0.19 pounds per ton of equivalent P_2O_5 feed (30 g/metric ton), 22.8 pounds per hour, 96.9 tons per year. [Air Construction Permit No. AC53-246403/PSD-FL-211, BACT determination November 21, 1994.]

TESTING REQUIREMENTS

A.7. Initial Compliance Tests: The emissions unit shall be tested to demonstrate initial compliance with the emissions standards for VE, F & PM. The initial tests shall be conducted within 60 days after achieving permitted capacity, but not later than 180 days after initial operation of the unit.
[Rules 62-4.070(3) and 62-297.310(8)(b)1, F.A.C.]

A.8. Annual Compliance Tests: During each calendar year (January 1st to December 31st), the emissions unit shall be tested to demonstrate compliance with the emissions standards for VE, F and PM.
[Rule 62-297.310(8)(a)1, F.A.C.]

A.9. Test Requirements: The permittee shall notify the Compliance Authority in writing at least 15 days prior to any required tests. Tests shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit.
[Rule 62-297.310(9), F.A.C.]

A.10. Test Methods: Required tests shall be performed in accordance with the following reference methods.

Method	Description of Method and Comments
1-4	Traverse Points, Velocity and Flow Rate, Gas Analysis, and Moisture Content
5	Method for Determining Particulate Matter Emissions
9	Visual Determination of the Opacity of Emissions from Stationary Sources
13A	Determination of total fluoride emissions from stationary sources—SPADNS zirconium lake method
13B	Determination of total fluoride emissions from stationary sources—Specific ion electrode method

The above methods are described in Appendix A of 40 CFR 60 and are adopted by reference in Rule 62-204.800, F.A.C. No other methods may be used unless prior written approval is received from the Department.

[Rules 62-204.800, F.A.C.; and Appendix A of 40 CFR 60]

MONITORING REQUIREMENTS

A.11. The permittee shall monitor the following:

a. Phosphorus Feed Rate. The permittee shall calibrate, maintain, and operate a flow monitoring device which can be used to determine the mass flow of phosphorus-bearing feed material to the process. The monitoring device shall have an accuracy of ± 5% over its operating range.
[40 CFR 60.203(a); 40 CFR 60.223(a) & 40 CFR 63.625(a)]

b. Scrubber System Pressure Drop. The permittee shall calibrate, maintain and operate a monitoring device which continuously measures and permanently records total pressure drop across each scrubber system. The monitoring device shall have an accuracy of ± 5% over its operating range. [40 CFR 60.203(c); 40 CFR 60.223(c)]

c. Alternate Monitoring Plan. The pollution control equipment shall be operated in accordance with the Department approved Alternate Monitoring Plan for the scrubbers associated with this unit. Modification of the Alternate Monitoring Plan requires Department approval. [Rule 62-4.070(3) F.A.C.]

Continuous Emissions Monitoring Requirements

d. Scrubber Monitoring Systems. The permittee shall install, calibrate, maintain, and operate the following monitoring systems:

i. Pressure Drop. A monitoring system which continuously measures and permanently records the pressure drop across each scrubber in the process scrubbing system in 15-minute block averages. The monitoring system shall be certified by the manufacturer to have an accuracy of + 5% over its operating range.

ii. Scrubbing Liquid Flow Rate. A monitoring system which continuously measures and permanently records the flow rate of the scrubbing liquid to each scrubber in the process scrubbing system in 15-minute block averages. The monitoring system shall be certified by the manufacturer to have an accuracy of +5 % over its operating range.

iii. Fan Amperage. A monitoring system that continuously monitor fan amperage for each fan in the scrubbing system.

[40 CFR 63.625(c), and ASP Request 15-U-AP]

NOTIFICATION REQUIREMENTS

A.12. Notification of Operation Commencement: The permittee shall notify the Compliance Authority in writing of the date of commencing operation of the EU No. 021 after completing the modifications authorized by this permit, no later than fifteen (15) days after that date. Commencing operation means setting into operation of any emissions unit for any purpose.
[Rules 62-4.070, and 62-210.200, F.A.C., (definition of Commence Operation)]

RECORDS AND REPORTS

A.13. Test Reports: The permittee shall prepare and submit reports for all required tests in accordance with the requirements specified in Appendix D (Common Testing Requirements) of this permit. All test reports submitted to the Department shall include, at a minimum, the following information for the test period:

a. Type of fuel being fired.

b Heat input rate (MMBtu per hour) and firing rate (MCF per hour or gallons per hour).

c. Material process input rate (tons per hour) and production rate (tons per hour).

d Scrubber liquid flow rate (gpm).

e. If the test was conducted while firing natural gas, then include a statement of the total hours of dryer operation while firing No. 6 fuel oil, during the 12 consecutive month period prior to the test.

Failure to submit the above information, or operating at conditions which do not reflect normal operating conditions may invalidate the test and fail to provide reasonable assurance of compliance.

[Rule 62-297.310(10), F.A.C.]

A.14. Daily and Monthly Log: The permittee shall establish and maintain a record (log) to document, at a minimum, the following:

Daily

a. Facility Name, Facility ID No. (1050046), Emission Unit ID No. (021) and Description;

b. Date;

c. Total hours of operation;

d. the DAP production (in tons as 100% P2O5);

e. the DAP production, in tons;

f. the DAP production rate, tons per hour (daily average basis; as 100% P2O5);

g. the quantity of natural gas and the quantity of No. 6 fuel oil utilized in the dryer (ft3 and gallons respectively);

h. the sulfur content (percent, by weight) of No. 6 fuel oil utilized in the dryer. The sulfur content may be based upon vendor supplied as-delivered oil sulfur content information, or an oil analysis; and

i. the heat input rate to the dryer, mmBtu/hour (daily average basis).

Monthly

j. the total hours of operation for each rolling 12-consecutive month period;

k. gallons of No. 6 fuel oil for each rolling 12-consecutive month period (gallon per year); and

l. total DAP production for each rolling 12-consecutive month period.

[Rule 62-4.070(3), F.A.C. Air Construction Permit AC53-246403/PSD-FL-211]

{Permitting Note: Specific Condition Nos. A.3., A.4., A.5. A.6. & A.14 are taken directly from the Title V permit 1050046-042-AV and are included here for the purpose of convenience. All other specific conditions associated with this E.U No. 021 in 1050046-042-AV remain unchanged.}