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Wetlands Management — Kelly Bishop, P.G.

Mr. Rodney Palmer
Director of Operations
Kinder Morgan Port Sutton Terminal, LLC
5321 Hartford St.
Tampa, FL 33619

RE: 0570092-029-AC
Air Construction Permit
Magnesium Sulfate Handling at the Port Sutton Terminal

Dear Mr. Palmer:

On August 30, 2016, you submitted an application for an air construction permit to 1) add magnesium sulfate to the list of materials authorized to be handled at the Port Sutton Terminal; and 2) provide flexibility in handling new materials provided that the facility notifies the EPC prior to handling at your bulk material handling terminals. The facility is located in Hillsborough County at 4310 Pendola Point Road, Tampa, Florida 33619.

After review of the application, the following documents have been prepared: the Technical Evaluation and Preliminary Determination; the Draft Permit; the Written Notice of Intent to Issue Air Permit; and the Public Notice of Intent to Issue Air Permit. The Public Notice of Intent to Issue Air Permit is the actual notice that you must publish in the legal advertisement section of a newspaper of general circulation in the area affected by this project. If you have any questions, please contact Diana M. Lee, P.E. at 813-627-2600 x1276, or by e-mail at lee@epchc.org.

Sincerely,

Janet L. Dougherty
Executive Director

Enclosures

WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMIT

In the Matter of an
Application for Air Permit by:
Kinder Morgan Port Sutton Terminal, LLC
5321 Hartford St.
Tampa, FL 33619

Authorized Representative:
Rodney Palmer, Director of Operations

Project No. 0570092-029-AC
Minor Air Construction Permit

Handling of Magnesium Sulfate
Hillsborough County, Florida

Facility Location: Kinder Morgan Port Sutton Terminal, LLC operates the existing facility, which is located in Hillsborough County at 4310 Pendola Point Road in Tampa, Florida.

Project: The applicant requests to 1) add magnesium sulfate to the list of materials authorized to be handled at the Port Sutton Terminal; and 2) provide flexibility in handling new materials provided that the facility notifies the EPC prior to handling. Details of the project are provided in the application and the enclosed Technical Evaluation and Preliminary Determination.

Permitting Authority: Applications for air construction permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4 and 62-210 of the Florida Administrative Code (F.A.C.). The proposed project is not exempt from air permitting requirements and an air permit is required to perform the proposed work. The Environmental Protection Commission of Hillsborough County is the Permitting Authority responsible for making a permit determination for this project. The Permitting Authority's physical/mailing address is: 3629 Queen Palm Dr., Tampa, Florida 33619. The Permitting Authority's telephone number is 813-627-2600.

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

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

Public Notice: Pursuant to Section 403.815, F.S. and Rules 62-110.106 and 62-210.350, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Public Notice of Intent to Issue Air Permit (Public Notice). The Public Notice shall be published one time only as soon as possible in the legal advertisement section of a newspaper of general circulation in the area affected by this project. The newspaper used must meet the requirements of Sections 50.011 and 50.031, F.S. in the county where the activity is to take place. If you are uncertain that a newspaper meets these requirements, please contact the Permitting Authority at above address or phone number. Pursuant to Rule 62-110.106(5) and (9), F.A.C., the applicant shall provide proof of publication to the Permitting Authority at the above address within 7 days of publication. Failure to publish the notice and provide proof of publication may result in the denial of the permit pursuant to Rule 62-110.106(11), F.A.C.

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

Petitions: A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. Petitions filed by the applicant or any of the parties listed below must be filed within 14 days of receipt of this written notice of Intent to Issue Air Permit. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of publication of the attached Public Notice or within 14 days of receipt of this written notice of Intent to Issue Air Permit, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Permitting Authority for notice of agency action may file a petition within 14 days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. A petition for administrative hearing must contain the information set forth below and must be filed (received) in the Legal Department of the EPC at 3629 Queen Palm Drive, Tampa, Florida 33619, Phone 813-627-2600, Fax 813-627-260 before the deadline. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

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

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

Mediation: Mediation is not available in this proceeding.

Executed in Tampa, Florida.

ENVIRONMENTAL PROTECTION
COMMISSION OF HILLSBOROUGH COUNTY

Janet L. Dougherty
Executive Director

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this written notice of Intent to Issue Air Permit package (including the Public Notice of Intent to Issue Air Permit, the Technical Evaluation and Preliminary Determination and the draft permit with Appendices) was sent by electronic mail, or a link to these documents made available electronically on a publicly accessible server, with received receipt requested, or was sent via mail, before the close of business on the date indicated below to the following persons.

Rodney Palmer, Kinder Morgan Rodney_Palmer@kindermorgan.com
David Cibik, P.E. – ARCADIS david.cibik@arcadis-us.com

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.

Clerk _____ Date 9/29/2016

PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMIT
ENVIRONMENTAL PROTECTION COMMISSION
OF HILLSBOROUGH COUNTY
Draft Air Construction Permit
Draft Air Permit No. 0570092-029-AC
Kinder Morgan Port Sutton Terminal, LLC
Hillsborough County, FL

Applicant: The applicant for this project is Kinder Morgan Port Sutton Terminal, LLC. The applicant's authorized representative and mailing address is: Rodney Palmer, Director of Operations, Kinder Morgan, 5321 Hartford St., Tampa, FL 33619.

Facility Location: Kinder Morgan Port Sutton Terminal, LLC operates the existing facility, which is located in Hillsborough County at 4310 Pendola Point Road, Tampa, FL 33619.

Project: The applicant requests to add a new material to the list of materials authorized to be handled at the Port Sutton Terminal; and to provide flexibility in handling new materials provided that the facility notifies the EPC prior to handling. The facility remains a major source of particulate matter emissions.

Permitting Authority: Applications for air construction permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4, 62-210 and 62-212 of the Florida Administrative Code (F.A.C.). The proposed project is not exempt from air permitting requirements and an air permit is required to perform the proposed work. The Permitting Authority responsible for making a permit determination for this project is the Environmental Protection Commission of Hillsborough County. The Permitting Authority's physical/mailing address is: 3629 Queen Palm Dr., Tampa, FL 33619. The Permitting Authority's phone number is 813-627-2600.

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

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

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

Petitions: A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of

publication of the Public Notice or receipt of a written notice, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Permitting Authority for notice of agency action may file a petition within 14 days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. A petition for administrative hearing must contain the information set forth below and must be filed (received) in the Legal Department of the EPC at 3629 Queen Palm Drive, Tampa, Florida 33619, Phone 813-627-2600, Fax 813-627-260 before the deadline. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

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

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

Mediation: Mediation is not available in this proceeding.

TECHNICAL EVALUATION

&

PRELIMINARY DETERMINATION

APPLICANT
Kinder Morgan Port Sutton Terminal, LLC
5321 Hartford St.
Tampa, FL 33619
Facility ID No. 0570092

PROJECT
Project No. 0570092-029-AC
Application for Air Construction Permit
Handling of Magnesium Sulfate

COUNTY
Hillsborough County, Florida

PERMITTING AUTHORITY
Environmental Protection Commission of Hillsborough County
3629 Queen Palm Dr.
Tampa, FL 33619

September 29, 2016

1. GENERAL PROJECT INFORMATION

- **Air Pollution Regulations**

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

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

Glossary of Common Terms

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

Facility Description and Location

Kinder Morgan Port Sutton Terminal, LLC is a bulk material handling facility and is categorized under Standard Industrial Classification Code No. 44 – Water Transportation. The existing facility is located in Hillsborough County at 4310 Pendola Point Road, Tampa, FL 33619. The UTM coordinates of the facility are Zone 17, 360.8 km East, and 3087.31 km North. This site is in an area that is in attainment (or designated as unclassifiable) for all air pollutants subject to Ambient Air Quality Standards (AAQS), except for ozone. Hillsborough County is designated as an air quality maintenance area for ozone.

Facility Regulatory Categories

- The facility is not a major source of hazardous air pollutants (HAP).
- The facility is a Title V major source of air pollution in accordance with Chapter 62-213, F.A.C.
- The facility is not a major stationary source in accordance with Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

Project Description

This permit 1) adds magnesium sulfate to the list of materials authorized to be handled at the Port Sutton Terminal; and 2) provides flexibility in handling new materials provided that the facility notifies the EPC prior to handling.

Processing Schedule

August 30, 2016 - Received the application for a minor source air pollution construction permit.
Not Applicable - Requested additional information.
August 30, 2016 - Application Complete.

2. DEPARTMENT REVIEW

This permit adds magnesium sulfate to the list of materials authorized to be handled at the Port Sutton Terminal. According to the permittee, magnesium sulfate is an inorganic salt containing magnesium, sulfur, and oxygen. Therefore, as requested by the permittee, magnesium sulfate is included in Group VI of the material handling list, which also includes ferrous sulfate, salt, and pumice. The PM emission factor for Group VI is 0.067 lb/ton of material.

In addition, in order to provide the facility flexibility, this permit authorizes Kinder Morgan to handle at the Hartford Street and Port Sutton Terminals new materials similar to the materials already authorized under the current TV permit, provided that the facility notifies the EPC at least 30 days prior to handling the new material. However, for flyash and materials with similar physical characteristics, the facility will need to notify the EPC at least 60 days prior to handling this material. The notification process will allow EPC staff to determine the appropriate permitting action required, which may include an air construction permit. In addition, the facility is required to perform a visible emissions test the first time the material is handled in order to demonstrate compliance with the 5% opacity standard specified in Rule 62-296.711, F.A.C. and Ch. 1-3.52, Rules of the EPCHC.

The Port Sutton Terminal receives bulk materials from ships, barges, trucks, containers, and railcars. Materials received by ship (EU 010) are transferred by a clamshell into an onshore hopper (EU 011), which is equipped with 4' high steel panel windscreens. The ship unloader, a 1500 Series E-Crane, (Model 9317 B), is an electric hydraulic machine, which utilizes electricity for power, and is equipped to utilize either a 7.5 yard or a 10 yard clamshell bucket. From the onshore hopper, a series of six covered conveyor belts transfer the material to one of four storage buildings (EU 012, 013, 014, and 103). Material can be transferred between buildings using the same covered conveyor belts. Ships can also be unloaded using a covered conveyor system (EU 020).

Material that is received by railcars and trucks is unloaded into a grate (EU 101), which directs the material into the underground conveyor (EU 102) in order to transfer the material to the buildings using the covered conveyor belts (EU 012, 013, 014, and 103). Material received by truck or container can also be unloaded directly into a storage building or unloaded onto a windscreened pad (EU 018) at the dock. The material from the windscreened pad can then be and transferred via clamshell into the onshore hopper (EU 011).

When ready to be loaded in trucks and railcars for shipment offsite, material is loaded out from each building by conveyor belts. Building Nos. 1 and 2 have one truck loadout area each and one truck/railcar loadout area each (EU 015 and 016). Building Nos. 3 and 4 have one truck/railcar loadout area each (EU 017 and 104). The facility also loads material from the onshore hopper directly into trucks (Direct Hit) via covered conveyor belts (EU 015).

The Port Sutton Terminal can also load material into a ship or barge. A front end loader dumps material onto the windscreened pad on the dock (EU 018). The material is then transferred by clamshell into the ship's hold (EU 019).

There is no change in potential PM emissions due to this project. The facility-wide potential PM emissions are calculated using a PM emission factor based on the worst emitting material from each group category; an estimated material throughput; a maximum number of transfer points; and a control efficiency. The facility wide potential particulate matter emissions, which include potential emissions from the Hartford Street Terminal and the Port Sutton Terminal, are limited to 245 tons/year.

The facility is subject to Rule 62-296.711, F.A.C. - Materials Handling, Sizing, Screening, Crushing and Grinding Operations and Ch. 1-3, Rules of the EPCHC, which limit visible emissions to 5% opacity.

Summary of Emissions

EU No.	Description	Potential PM Emissions (TPY)	Actual PM Emissions (TPY)	Increase in PM Emissions (TPY)	Allowable Emissions
010	Ship's / Barge's Hold Operation	6.1	0.5	5.6	5% opacity
011	Clamshell to Hopper Transfer Point	6.1	0.5	5.6	5% opacity
012	Belt to Belt Transfer on Top of Bldg No. 1	6.1	0.5	5.6	5% opacity
013	Belt to Belt Transfer on Top of Bldg No. 2	6.1	0.3	5.8	5% opacity
014	Belt to Belt Transfer on Top of Bldg No. 3	6.1	0.2	5.9	5% opacity
015	Truck Loading Stations: No. 6-Direct Hit for Ship Unloading, No. 1 and No. 2 (Truck/Railcar) for Building No. 1	6.1	0.09	6.1	5% opacity
016	Truck Loading Stations: No. 3 and No. 4 (Truck/Railcar) for Building No. 2	6.1	0.1	6.0	5% opacity
017	Truck Loading Station: No. 5 for Building No. 3	6.1	0.1	6.0	5% opacity
018	Truck to Product Pad	6.1	0	6.1	5% opacity
019	Clamshell to Ship's/Barge's Hold	6.1	0	6.1	5% opacity
020	Ship/Barge Unloading Utilizing a Conveyor System	6.1	0	6.1	5% opacity
101	Railcar/Truck Unloading Station	6.1	0.03	6.1	5% opacity
102	Building Railcar Unloading Feeder Belt	6.1	0.03	6.1	5% opacity
103	Belt to Belt Transfer Point on Top of Building No. 4	6.1	0.04	6.1	5% opacity
104	Truck Loadout No. 7 for Building No. 4	6.1	0.1	6.0	5% opacity
	Total	91.6	2.5	89.1	

- The Actual Emissions are based on the average of 2014 and 2015 AOR data.
- The potential PM emissions are calculated by using a PM emission factor based on the worst emitting material from each group category; an estimated material throughput; a maximum number of transfer points; and a control efficiency.
- The facility-wide total PTE for PM emissions is limited to 245 tons/yr.

Local Requirements

Rules of the EPCHC, Chapter 1-3 - Stationary Air Pollution and Ambient Air Quality Standards

State Requirements
Rule 62-296.320, F.A.C. - General Pollutant Emission Limiting Standards
Rule 62-296.700, F.A.C. - Reasonably Available Control Technology (RACT) Particulate Matter
Rule 62-296.711, F.A.C. - Materials Handling, Sizing, Screening, Crushing and Grinding Operations

Federal NSPS Provisions
NA

Other Draft Permit Requirements
Because this permit includes a limit on the PM PTE but does not include a limit on the annual throughput, this permit requires the facility to maintain records on a daily basis if the rolling twelve month rolling total emission records show that the facility has reached 80% of the permitted PM emission limit. Once the rolling twelve month total emissions show that the facility is below 80% of the permitted PM emission limit, the facility may return to monthly recordkeeping. The daily recordkeeping requirement is used to provide reasonable assurance that the facility will not exceed the PM PTE.

3. PRELIMINARY DETERMINATION

The Department makes a preliminary determination that the proposed project will comply with all applicable state and federal air pollution regulations as conditioned by the draft permit. This determination is based on a technical review of the complete application, reasonable assurances provided by the applicant, and the conditions specified in the draft permit. No air quality modeling analysis is required because the project does not result in a significant increase in emissions. Lora Webb is the project engineer responsible for reviewing the application and drafting the permit. Additional details of this analysis may be obtained by contacting Lora Webb or Diana M. Lee, P.E. Chief, Air Permitting, at (813) 627-2600 or by email at webbl@epchc.org or lee@epchc.org.

COMMISSION

Kevin Beckner
Victor D. Crist
Ken Hagan
Al Higginbotham
Lesley "Les" Miller, Jr.
Sandra L. Murman
Stacy White

EXECUTIVE DIRECTOR
Janet L. Dougherty

DIVISION DIRECTORS

Legal & Admin. — Richard Tschantz, Esq.
Air Management — Jerry Campbell, P.E.
Waste Management — Hooshang Boostani, P.E.
Water Management — Sam Elrabi, P.E.
Wetlands Management — Kelly Bishop, P.G.

PERMITTEE

Kinder Morgan Port Sutton Terminal, LLC
4310 Pendola Point Road
Tampa, FL 33619

Authorized Representative:
Rodney Palmer, Director of Operations

Air Permit No.0570092-029-AC
Permit Expires: March 30, 2018

Air Construction Permit
Handling of Magnesium Sulfate

PROJECT

This is the final air construction permit, which 1) adds magnesium sulfate to the list of materials authorized to be handled at the Port Sutton Terminal; and 2) provides flexibility in handling new materials provided that the facility notifies the EPC prior to handling. The proposed work will be conducted at the existing facility, which is a bulk material handling facility categorized under Standard Industrial Classification Code No. 44 – Water Transportation. The existing facility is located in Hillsborough County at 4310 Pendola Point Road, Tampa, FL 33619. The UTM coordinates of the facility are Zone 17, 360.8 km East, and 3087.31 km North.

This 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.

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.

Executed in Tampa, Florida.

ENVIRONMENTAL PROTECTION
COMMISSION OF HILLSBOROUGH COUNTY

_____

Janet L. Dougherty
Executive Director

DRAFT

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this written notice of Intent to Issue Air Permit package (including the Public Notice of Intent to Issue Air Permit, the Technical Evaluation and Preliminary Determination and the draft permit with Appendices) was sent by electronic mail, or a link to these documents made available electronically on a publicly accessible server, with received receipt requested, or was sent via mail, before the close of business on the date indicated below to the following persons.

Rodney Palmer, Kinder Morgan Rodney_Palmer@kindermorgan.com
David Cibik, P.E. – ARCADIS david.cibik@arcadis-us.com

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.

_____ _____
Clerk Date

DRAFT

FACILITY DESCRIPTION

The existing facility consists of the following emissions units.

Facility ID No. 0570092

ID No.	Emission Unit Description
010	Ship's / Barge's Hold Operation
011	Clamshell to Hopper Transfer Point
012	Belt to Belt Transfer on Top of Bldg No. 1
013	Belt to Belt Transfer on Top of Bldg No. 2
014	Belt to Belt Transfer on Top of Bldg No. 3
015	Truck Loading Stations: No. 6-Direct Hit for Ship Unloading, No. 1 and No. 2 (Truck/Railcar) for Building No. 1
016	Truck Loading Stations: No. 3 and No. 4 (Truck/Railcar) for Building No. 2
017	Truck Loading Station: No. 5 for Building No. 3
018	Truck to Product Pad
019	Clamshell to Ship's/Barge's Hold
020	Ship/Barge Unloading Utilizing a Conveyor System
101	Railcar/Truck Unloading Station
102	Building Railcar Unloading Feeder Belt
103	Belt to Belt Transfer Point on Top of Building No. 4
104	Truck Loadout No. 7 for Building No. 4

The Port Sutton Terminal receives bulk materials from ships, barges, trucks, containers, and railcars. Materials received by ship (EU 010) are transferred by a clamshell into an onshore hopper (EU 011), which is equipped with 4' high steel panel windscreens. The ship unloader, a 1500 Series E-Crane, (Model 9317 B), is an electric hydraulic machine, which utilizes electricity for power, and is equipped to utilize either a 7.5 yard or a 10 yard clamshell bucket. From the onshore hopper, a series of six covered conveyor belts transfer the material to one of four storage buildings (EU 012, 013, 014, and 103). Material can be transferred between buildings using the same covered conveyor belts. Ships can also be unloaded using a covered conveyor system (EU 020).

Material that is received by railcars and trucks is unloaded into a grate (EU 101), which directs the material into the underground conveyor (EU 102) in order to transfer the material to the buildings using the covered conveyor belts (EU 012, 013, 014, and 103). Material received by truck or container can also be unloaded directly into a storage building or unloaded onto a windscreened pad (EU 018) at the dock. The material from the windscreened pad can then be and transferred via clamshell into the onshore hopper (EU 011).

When ready to be loaded in trucks and railcars for shipment offsite, material is loaded out from each building by conveyor belts. Building Nos. 1 and 2 have one truck loadout area each and one truck/railcar loadout area each (EU 015 and 016). Building Nos. 3 and 4 have one truck/railcar loadout area each (EU 017 and 104). The facility also loads material from the onshore hopper directly into trucks (Direct Hit) via covered conveyor belts (EU 015).

The Port Sutton Terminal can also load material into a ship or barge. A front end loader dumps material onto the windscreened pad on the dock (EU 018). The material is then transferred by clamshell into the ship's hold (EU 019).

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At the Port Sutton Terminal, storage of ammonium nitrate is limited to Building Nos. 2 and 4. These buildings have a fire suppression system and the addition of a non-combustible coating on the paved floors to inhibit product absorption.

PROPOSED PROJECT

This permit adds magnesium sulfate to the list of materials authorized to be handled at the Port Sutton Terminal. According to the permittee, magnesium sulfate is an inorganic salt containing magnesium, sulfur, and oxygen. Therefore, as requested by the permittee, magnesium sulfate is included in Group VI of the material handling list, which also includes ferrous sulfate, pumice, and salt. The PM emission factor for Group VI is 0.067 lb/ton of material.

In addition, in order to provide the facility flexibility, this permit authorizes Kinder Morgan to handle at the Hartford Street and Port Sutton Terminals new materials similar to the materials already authorized under the current TV permit, provided that the facility notifies the EPC at least 30 days prior to handling the new material. However, for flyash and materials with similar physical characteristics, the facility will need to notify the EPC at least 60 days prior to handling this material. The notification process will allow EPC staff to determine the appropriate permitting action required, which may include an air construction permit. In addition, the facility is required to perform a visible emissions test the first time the material is handled in order to demonstrate compliance with the 5% opacity standard specified in Rule 62-296.711, F.A.C. and Ch. 1-3.52, Rules of the EPCHC.

FACILITY REGULATORY CLASSIFICATION

- The facility is not 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 not a major stationary source in accordance with Rule 62-212.400(PSD), F.A.C.

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FW1. Permitting Authority: The permitting authority for this project is the Environmental Protection Commission of Hillsborough County. The mailing address is 3629 Queen Palm Dr., Tampa, Florida 33619. All documents related to applications for permits to operate an emissions unit shall be submitted to the Environmental Protection Commission of Hillsborough County.

FW2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Environmental Protection Commission of Hillsborough County at: 3629 Queen Palm Dr., Tampa, Florida 33619.

FW3. 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); and Appendix D (Common Testing Requirements).

FW4. 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.

FW5. 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.]

FW6. 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.]

FW7. Construction and Expiration: The expiration date shown on the first page of this permit provides time to complete the 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 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(3) & (4), 62-4.080 & 62-210.300(1), F.A.C.]

FW8. Application for Title V Permit: This permit authorizes construction of the permitted emissions units and initial operation to determine compliance with Department rules. A Title V air operation permit is required for regular operation of the permitted emissions unit. The permittee shall apply for a Title V air operation permit at least 60 days after completion of the visible emissions test or at least 90 days prior to expiration of this permit, whichever occurs first. To apply for a Title V operation permit, the applicant shall submit the appropriate application form, compliance test results, and such additional information as the Department may by law require. The application shall be submitted to the EPCHC . [Rules 62-4.030, 62-4.050 and Chapter 62-213, F.A.C.]

FW9. Not federally Enforceable. Objectionable Odor Prohibited. No person shall cause, suffer, allow or permit the discharge of air pollutants, which cause or contribute to an objectionable odor. An "objectionable odor" means any odor present in the outdoor atmosphere which by itself or in combination with other odors,

is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance. [Rule 62-296.320(2) and 62-210.200(Definitions), F.A.C.]

FW10. Unconfined Particulate Matter. No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any activity, including vehicular movement; transportation of materials; construction; alteration; demolition or wrecking; or industrially related activities such as loading, unloading, storing or handling; without taking reasonable precautions to prevent such emissions. Reasonable precautions to prevent emissions of unconfined particulate matter at this facility include: [Rule 62-296.320(4)(c)2., F.A.C. and Permit Nos. 0570092-016/017-AC/AV]

A) Enclose all conveyor belts on the top and sides.
B) When material is discharged into the receiving hopper pile from a clamshell, the free fall distance shall not exceed 4 feet and the clamshell shall not be opened until it is below the sides of the hopper. The clamshell shall be closed prior to exiting the receiving hopper. When loading a marine vessel, the discharging edge of the clamshell shall open only when it is within 4 feet of the top of the product in the hold, or as low in the hold as is safely feasible. This limitation shall also apply to the unloading of material onto the pad.
C) The wind shield shall be used at all times when unloading with the clamshell.
D) When material is discharged from the hopper conveyor belt to a stockpile, the free fall distance shall not exceed 4 feet.
E) The vehicles transporting the bulk material on the property shall be completely enclosed by construction or shall be enclosed with tarps prior to leaving the facility.
F) A tarp shall be attached between the dock and the vessel during all vessel loading operations. The tarp shall be positioned within the arc of travel of the clamshell such that any spillage during transfer will slide down onto the curbed dock. Any spillage shall be swept and returned to the pad at least every shift.
G) Watering shall be performed as necessary to minimize particulate dust emissions during material unloading, transferring, and loading operations performed outdoors.
H) Dust suppressant shall be applied as necessary to untreated material and plant grounds.
I) Material spillage or leakage from the clamshell shall be kept at a minimum. The clamshell shall be maintained so that it has a tight lip.
J) The clamshell shall be kept clean at all times.
K) Accumulation of material in the clamshell is prohibited.
L) All access openings near transfer stations shall stay closed during bulk material transfer.
M) Use of front-end loading and bulldozers in the marine vessel hold shall be minimized to the extent possible.
N) No blowers shall be used in the marine vessel holds to gather material for the final clean out of the cargo hold.
O) Maintain trafficked roads clean. Limit vehicular traffic to 10 MPH or less if necessary.
P) Inspect material handling equipment for visible emissions daily. Record any problem and actions taken.
Q) Make plant personnel aware of environmental requirements in this permit.
R) Exercise good housekeeping practices at all times.

FW11. At least 15 days prior to the date on which each required emissions test is to begin, the owner or operator shall notify the EPCHC, unless shorter notice is agreed to by the EPCHC. The notification shall include the date, time, place of each such test, Facility ID Number, Emission Unit ID Number(s) and description(s), Emission Point Number(s) and description(s), test method(s), pollutant(s) to be tested, along with the name and telephone number of the person who will be responsible for conducting such test(s) for the owner or operator. If a scheduled emissions test needs to be re-scheduled, the owner or operator shall submit to the appropriate air compliance program a revised notification at least seven days prior to the re-scheduled emissions test date or

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arrange a re-scheduled test date with the appropriate air compliance program by mutual agreement. [Rule 62-297.310(9), F.A.C.]

FW12. 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(8)(c), F.A.C. and Permit Nos. 0570092-016/017-AC/AV]

FW13. As requested by the permittee, in order to remain a minor facility with respect 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., the facility wide potential to emit particulate matter emissions shall not exceed 245 tons per twelve consecutive month period, which is comprised of the following operations: [Rule 62-4.070(3), F.A.C. and Permit No. 0570092-019-AC]

A) Particulate Matter Emissions from the Port Sutton Terminal: 91.6 tons
B) Particulate Matter Emissions from the Hartford Street Terminal: 153.4 tons

FW14. 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.]

FW15. 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.****}*

FW16. Annual Statement of Compliance. The permittee shall submit an annual statement of compliance to the compliance authority at the address shown on the cover of this permit and to the US. EPA at the address shown below within 60 days after the end of each calendar year during which the Title V air operation permit was effective. [Rules 62-213.440(3)(a)2. & 3. and (b), F.A.C.]

U.S. Environmental Protection Agency, Region 4
Atlanta Federal Center
61 Forsyth Street, SW
Atlanta, Georgia 30303
Attn: Air Enforcement Branch

FW17. The facility may handle materials at the Hartford Street Terminal and the Port Sutton Terminal that are not listed in the current TV operating permit, provided the following conditions are met: [Rule 62-4.070(3), F.A.C. and Permit Application Received April 30, 2016]

A) The facility shall provide written notification to the EPC at least 30 days prior to handling the new material. The notification shall include a Safety Data Sheet (SDS) for the material.
B) For flyash and materials with similar physical characteristics, the facility shall provide written notification to the EPC at least 60 days prior to handling.
C) A visible emissions test shall be performed the first time the material is handled.
D) The next time the facility's permit is opened, the new material shall be added to the list of materials authorized to be handled.
E) New materials may require an air construction permit application based on the determination by the the EPCHC.

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A. EU Nos. 010 – 020; 101 - 104 – Port Sutton Terminal

This section of the permit addresses the following emissions units.

EU No.	Emission Unit Description
010	Ship's / Barge's Hold Operation
011	Clamshell to Hopper Transfer Point
012	Belt to Belt Transfer on Top of Bldg No. 1
013	Belt to Belt Transfer on Top of Bldg No. 2
014	Belt to Belt Transfer on Top of Bldg No. 3
015	Truck Loading Stations: No. 6-Direct Hit for Ship Unloading, No. 1 and No. 2 (Truck/Railcar) for Building No. 1
016	Truck Loading Stations: No. 3 and No. 4 (Truck/Railcar) for Building No. 2
017	Truck Loading Station: No. 5 for Building No. 3
018	Truck to Product Pad
019	Clamshell to Ship's/Barge's Hold
020	Ship/Barge Unloading Utilizing a Conveyor System
101	Railcar/Truck Unloading Station
102	Building Railcar Unloading Feeder Belt
103	Belt to Belt Transfer Point on Top of Building No. 4
104	Truck Loadout No. 7 for Building No. 4

PERFORMANCE RESTRICTIONS

A.1. Capacity. The following limitations and restrictions shall apply per any 12 consecutive month period: [Rules 62-4.070(3), F.A.C. and 62-210.200, F.A.C., Definitions - (PTE) and Permit No. 0570092-019-AC]

A) Maximum Barge Unloading Rate: 450 TPH
B) Maximum Ship Unloading Rate: 450 TPH
C) Maximum Ship or Barge Loading Rate: 140 TPH
D) Maximum Truck and Railcar Loading Rate: 300 TPH
E) Maximum Railcar Unloading Rate: 300 TPH

A.2. Hours of Operation. Each emission unit is allowed to operate continuously, i.e., 8,760 hours/year. [Rules 62-4.070(3), F.A.C. and 62-210.200, F.A.C., Definitions - (PTE) and Permit Nos. 0570092-016/017-AC/AV]

A.3. The Truck Loading Station (EU 015) shall be totally enclosed. [Rule 62-296.700(6)(c)2., F.A.C. and Permit Nos. 0570092-016/017-AC/AV]

A.4. The enclosures controlling the emission units under this permit shall be properly operated and maintained to ensure that they operate as intended. [Rule 62-4.070(3), F.A.C. and Permit Nos. 0570092-016/017-AC/AV]

A.5. The permittee shall handle only the following materials at the Port Sutton Terminal: [Rule 62-4.070(3), F.A.C. and Permit No. 0570092-016-AC]

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A)

Group I – Dusty Fertilizers		
Ammonium Sulfate	Standard Potassium Nitrate	Animal Feed Ingredients
Standard Muriate of Potash	Granular Sulfate of Potash	Phosphate Rock
Granular Muriate of Potash	Standard Sulfate of Potash	
Group II – Minimally Dusty Fertilizers		
Ammonium Nitrate[1]	Sodium Potassium Nitrate	MAP
Calcium Ammonium Nitrate	Compound Fertilizers[2]	DAP
Potassium Nitrate	Dried Sludge	GTSP
Calcium Nitrate	Urea	Kieserite
Group IV – Semi-Dusty Non-Fertilizer Products		
Coal Fines	Iron Ore Fines	Millscale
Group V – Moderately Dusty Non-Fertilizer Products		
Coal	Syngypsum	Clay
Petcoke	Magnetite/Ferrous Oxides	
Iron Ore	Alumina Hydrate	
Group VI – Minimally Dusty Non-Fertilizer Products		
Gypsum	Alumina Hydrate	Filler Materials
Pumice	Vermiculite	Peanut Hulls
Prilled Sulfur	Dolomite	Salt (solar)
Ferrous Sulfate	Glass	Bio-Mass
Ferro Alloys	Iron Scrap (including shredded scrap metal)	Granulated Furnace Slag
Coal Slag	Wood Chips	Clinker (treated or screened)
Magnetite/Ferrous Oxides	Magnesium Sulfate	
Group VII – Agricultural Products		
Grains[3]	Grain Meals[3]	Seeds
Soybeans	Grain Byproducts[3]	Peas
Wheat, Rye, Barley[3]	Citrus Pellets	
Group VIII – Bauxite/Alumina and similar Dusty Cement-like Products		
Bauxite	Alumina	Slag Cement
Group IX - Aggregate		
Aggregate	Dirt, Soil	Granite
Limestone	Sand, Gravel	Rocks, stone
Limestone Fines		

[1] Storage of ammonium nitrate is limited to Building Nos. 2 and 4.

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[2] Compound fertilizer is defined as "ammonium nitrate with potash". The material shall have properties consistent with the MSD sheet received April 2, 2002.
[3] See Specific Condition No. A.6.

B) When calculating particulate matter emissions in order to demonstrate compliance with Specific Condition No. FW13, the emission factors listed below for each group of material shall be used.

Group Number	Emission Factor	Max. Number of Transfer Points
I	0.19	9
II	0.01	9
IV	1	9
V	0.2	9
VI	0.067	9
VII	0.086	9
VIII	0.11	9
IX	0.02	9

C) When calculating particulate matter emissions in order to demonstrate compliance with Specific Condition No. FW13, an 85% control efficiency may be applied for each emission unit.

A.6. In order to exempt the facility from 40 CFR 60, Subpart DD, grain storage is limited to Building No. 1, which is the northern most building on the site. [Rule 62-4.070(3), F.A.C. and 40 CFR 60.301(c) and Construction Permit No. AC29-260813]

A.7. All reasonable precautions to reduce the generation of fugitive particulate matter emissions shall be adhered to at all times when handling ammonium nitrate fertilizer including, but not limited to, the following practices and restrictions: [Rule 62-4.070(3), F.A.C. and Permit No. 0570092-016-AC]

A) Storage of this product is limited to Warehouse Building Nos. 2 and 4.
B) Avoid contact with other products when handling this material.
C) Ensure proper cleaning procedures are maintained on the handling and transfer equipment when switching products to be loaded.
D) Ensure that material is properly stored in the sections of the building designated for this material.
E) Periodically inspect the bin walls encasing this product to confirm that the integrity of the barrier coating on the walls has not been compromised.
F) Monitor the temperature in the building to ensure that action will be taken if the temperature were to approach the decomposition temperature of 130°F.

EMISSIONS STANDARDS

A.8. Visible emissions from any emissions unit, building, or enclosure shall not exceed 5 percent opacity. [Rule 62-296.711(2)(a), F.A.C. and Chapter 3-52, Paragraph 2, Rules of the EPC]

TESTING REQUIREMENTS

A.9. Initial Compliance Tests Required. In order to demonstrate compliance with Specific Condition No. A.8, test the emission units for visible emissions at the point of highest opacity the first time magnesium sulfate is

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handled through the emission unit. Test results shall be submitted within 45 days of testing to the Air Management Division of the Environmental Protection Commission of Hillsborough County. Testing procedures shall be consistent with the requirements of Rule 62-297.310, F.A.C. Operation at conditions during testing which do not reflect actual operating conditions may invalidate the test. [Rules 62-297.310(7)(a)4., 62-297.310(8) and 62-4.070(3), 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
9	Visual Determination of the Opacity of Emissions from Stationary Sources

The above methods are described in 40 CFR 60, Appendix A, and 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. [Rule 62-296.711(3)(a), F.A.C.]

A.11. 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. A.1. If it is impracticable to test at the testing capacity, an emissions unit may be tested at less than the testing capacity. If an emissions unit is tested at less than the testing capacity, another emissions test shall be conducted and completed no later than 60 days after the emissions unit operation exceeds 110% of the capacity at which its most recent emissions test was conducted. Failure to submit the material handled, the handling rate, the actual operating conditions, and information on whether or not the material was treated with a dust suppressant may invalidate the test. [Rules 62-4.070(3), 62-297.310(2)(b), and 62-297.310(8) F.A.C.]

RECORDS AND REPORTS

A.12. 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. For each test run, the report shall also indicate the emission unit number tested, the material handled during the test, the handling rate, and information on whether or not the material was treated with a dust suppressant. [Rule 62-297.310(10), F.A.C.]

A.13. Records of the checks and inspections required in Specific Condition No. A.13. and records of performance parameters shall be retained for a minimum of five years and shall be made available to the Environmental Protection Commission of Hillsborough County, state, or federal air pollution agency upon request. [Rules 62-4.070(3) and 62-296.700(6)(e), F.A.C.]

A.14. In order to show compliance with Specific Condition Nos. A.1., A.5., A.6., and A.7., the permittee shall maintain monthly records of operations for the most recent five year period. The records shall be made 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 62-296.700(6)(e), F.A.C.]

A) Month, Year
B) Amount, Group, and Type of each material received (tons)
C) Amount, Group, and Type of each material shipped offsite (tons)
D) Point of Storage for Each Product
E) The building number that is used to store grain on site

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F) Monthly summary of particulate matter emissions from the material handling operation
G) Twelve month rolling total of quantity of B), C), and F) above
H) Records of significant spills, maintenance activities, and service activities
I) Records as required by Appendix O&M of the Title V Permit.
J) If the twelve month rolling summary of particulate matter emissions calculated in F) shows that the total PM emissions equal or exceed 80% of the permitted limit, the facility shall maintain daily records as specified below. Once the twelve month rolling summary of particulate matter emissions calculated in F) shows that the total PM emissions are less than 80% of the permitted limit, the facility may return to monthly recordkeeping.

    i. Daily records of the Amount, Group, and Type of each material received (tons)
    ii. Daily records of the Amount, Group, and Type of each material shipped offsite (tons)
    iii. Monthly and twelve month rolling summary of particulate matter emissions from material handling.

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