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CERTIFIED MAIL

In the Matter of an
Application for Permit by:

Billy J. Roy
Vice President, Operations
Gulf Coast Bulk Equipment Co., Inc.
2327 South Dock St.
Palmetto, FL 33569

File No.: 0571445-001-AC
County: Hillsborough

INTENT TO ISSUE

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

The applicant, Gulf Coast Bulk Equipment Co., Inc., applied on October 30, 2014 to the EPC for a construction permit to construct a bulk material handling and storage facility at Port Redwing. The operation will involve ship unloading, transferring/conveying, truck loading, and storage areas. Particulate matter emissions will be controlled through the use of a water spray system and partial enclosures. The facility will be located at 12719 US Highway 41, Port Redwing in South Gibsonton, FL 33534.

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

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

Pursuant to Pursuant to Section 403.815 and 403.0872, F.S. and Rules 62-103.150 and 62-210.350(3), F.A.C., you (the applicant) are required to publish at your own expense the enclosed Notice of Intent to Issue Permit. The notice shall be published one time as soon as possible, in the legal advertisement section of a newspaper of general circulation in the area affected. For the

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

The EPC will issue the final permit with the attached conditions unless a timely petition for an administrative hearing is filed 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 Drive, 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 publication of the public notice or within 14 (fourteen) days of receipt of this notice of intent, whichever occurs first. Under Section 120.60(3), however, any person who asked the EPC for notice of agency action may file a petition within 14 (fourteen) days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S.; or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the EPC's action is based must contain the following information:

(a) The name and address of each agency affected and each agency's file or identification number if known;

(b) The name, address, and telephone number of the petitioner 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 the petitioner contends requires reversal or modification of the EPC's proposed action; and

(g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the EPC to take with respect to the EPC's proposed action.

A petition that does not dispute the material facts upon which the EPC's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above as required by Rule 28-106.301, F.A.C.

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

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

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

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

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

(a) The name, address, and telephone number of the petitioner,

(b) The name, address, and telephone number of the attorney or qualified representative of the petitioner, if any,

(c) Each rule or portion of a rule from which a variance or waiver is requested,

(d) The citation to the statute underlying (implemented by) the rule identified in (c) above,

(e) The type of action requested,

(f) The specific facts that would justify a variance or waiver for the petitioner,

(g) The reason by the variance or waiver would serve the purposes of the underlying statute (implemented by the rule), and

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

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

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

Any person listed below may request to obtain additional information, a copy of the application (except for information entitled to confidential treatment pursuant to Section 403.111, F.S.), all relevant supporting materials, and all other materials available to the EPC that are relevant to the permit decision. Interested persons may contact 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

Richard D. Garrity, Ph.D.
Executive Director

cc: Florida Department of Environmental Protection (posting online)
Tom John, P.E. – Tom John, P.E., Inc. (via email)

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT ISSUANCE and all copies were mailed before the close of business on 12-19-2014 to the listed persons.

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

Clerk Date 12/19/14

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

The Environmental Protection Commission of Hillsborough County (EPC), as delegated by the Florida Department of Environmental Protection (DEP), gives notice of its intent to issue an air pollution permit No. 0571445-001-AC to Gulf Coast Bulk Equipment Co. The applicant applied on October 30, 2014 to the EPC for a construction permit to construct a bulk material handling and storage facility. The operation will involve ship unloading, transferring/conveying, truck loading, and storage areas. Particulate matter emissions will be controlled through the use of a water spray system and partial enclosures. The facility, a Synthetic Minor source, will be located at 12719 US Highway 41, Port Redwing in South Gibsonton, FL 33534.

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

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

A person whose substantial interests are affected by the proposed permitting decision 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 Drive, 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 publication of the public notice or within 14 (fourteen) days of receipt of this notice of intent, whichever occurs first. Under Section 120.60(3), however, any person who asked the EPC for notice of agency action may file a petition within 14 (fourteen) days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205 of the F.A.C.

A petition that disputes the material facts on which the EPC's action is based must contain the following information:

(a) The name and address of each agency affected and each agency's file or identification number if known;

(b) The name, address, and telephone number of the petitioner, and the name, address, and telephone number of each petitioner's representative, if any, which shall be the address for service purposes during the course of the proceedings; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;

(c) A statement of how and when petitioner received notice of the EPC action;

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

indicate;

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

(f) A statement of specific rules or statutes the petitioner contends requires reversal or modification of the EPC's proposed action; and

(g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the EPC to take with respect to the EPC's proposed action.

A petition that does not dispute the material facts upon which the EPC's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above as required by Rule 28-106.301.

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

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

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

Any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida 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 Drive, Tampa, Florida 33619 and with the clerk of the Department of Environmental Protection in the Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice must be filed within thirty days after this order is filed with the clerk of the Department.

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

TECHNICAL EVALUATION

AND

PRELIMINARY DETERMINATION

FOR

Gulf Coast Bulk Equipment, Inc.

Hillsborough County

Construction Permit

Application Number

0571445-001-AC

Environmental Protection Commission of

Hillsborough County

Tampa, FL

December 18, 2014

I. Project Description

A. Applicant:

Billy J. Roy
Vice President, Operations
Gulf Coast Bulk Equipment, Inc.
2327 South Dock St.
Palmetto, FL 33569

B. Engineer:

Tom John, P.E.
P.E. No.: 33157
Tom John, P.E., Inc.
6250 Cape Hatteras Way No. 2
St. Petersburg, FL 33702

C. Project and Location:

This permit authorizes construction of a bulk material handling and storage facility. The project has been assigned NEDS Source Classification Code Nos. 3-05-104-99 for Bulk Material Unloading Operation and 3-05-105-99 for Bulk Material Loading Operation. The Standard Industrial Code for the project is No. 44 for Water Transportation, Marine Cargo Handling. The project will be located at 12719 US Highway 41, Port Redwing in South Gibsonton, Hillsborough County, FL 33534. UTM Coordinates of the location are 17-3636.35 E and 3076.42 N.

D. Process and Controls:

Bulk materials will be unloaded using either the vessel crane, shore crane or other vessel unloader to then be transferred using two methods, which can be either trucks or conveyor belts. The first method will involve the unloading of material from a ship to Onshore Hopper Nos. 1 and 2. From Hopper Nos. 1 and 2, the material will be gravity fed directly to a truck which will either transport the material to a storage pile or will transport the material offsite.

The second unloading/transferring method will include unloading the material from a ship to Onshore Hopper Nos. 1 and 2, which will transfer the material to Conveyor Belt No. 1. The partially enclosed conveyor belt will transfer the material either to the storage piles or to a Radial Stacker. The stacker will direct the material to the storage piles. When ready to be shipped offsite, front-end loaders will load the material from the storage piles into trucks.

In addition to shipping the material offsite by truck, this permit will authorize the facility to load material into ships using two ship loading methods. The first loading method will involve using front-end loaders to load the material from the storage piles into trucks. The trucks will drive the material to a storage pile closer to the dock (dock storage pile). From

the dock, material will be transferred into a ship using the ship's loading equipment.

The second loading method will include using front-end loaders to load the material from the storage piles onto Ship Loading Conveyor No. 1 which will convey the material to the dock storage pile. From the dock, the material will be loaded into a ship using either the ship's loading equipment or front-end loaders will load the material onto Ship Loading Conveyor No. 2 which will convey the material into a ship.

Particulate matter emissions from the hoppers will be controlled through the use of a water spray system that will be installed around the top edges of each hopper. Particulate matter emissions from the conveyor belts and the radial stacker will be controlled through the use of a water spray system at each transfer point and partial enclosures. Particulate matter emissions from the storage areas will be controlled through the use of a water spray system, as necessary. A water spray system can include water spray bars, water sprinklers, water cannons, and any method of minimizing dust using water application.

In order to provide operational flexibility, the facility requested that the permit not include a limit on the annual material throughput. The facility suggested calculating emissions on a monthly basis using the approved emission factor for each material to demonstrate compliance with the annual PM PTE. Each type of material handled at the facility has a different emission factor. The facility may be able to handle a larger amount of one material and still maintain compliance with the PM PTE. Therefore, in order to provide the facility maximum flexibility, the permit includes a limit on the PM PTE but does not include a limit on the annual throughput. In addition, in order to provide reasonable assurance that the PTE will not be exceeded, the facility will be required to maintain a daily tracking system, which shall include records detailing the type of material handled, material throughputs, and emission calculations.

The facility is subject to 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 limit the visible emissions to a 5% opacity standard for all of the material handling operations.

E. Application Information:

Received on: October 30, 2014
Information Requested: NA
Application Complete: October 30, 2014

II. Rule Applicability

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

This project is subject to the requirements of Rule 62-212.300, General Preconstruction Review Requirements, F.A.C., since the project is not exempt from the permit requirements in Rule 62-210.300, F.A.C.

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

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

This project is subject to the requirements of Rule 62-296.320, General Pollutant Emission Limiting Standards, F.A.C., since the project is a potential source of particulate matter (PM) and visible emissions.

This project is not subject to the requirements of Rule 62-296.401, through 62-296.470, Specific Emission Limiting and Performance Standards, F.A.C., since there is not an applicable source specific category in this rule.

This project is not subject to the requirements of Rule 62-296.500, Volatile Organic Compounds and Nitrogen Oxides Reasonably Available Control Technology, F.A.C., since there is not an applicable source specific category in this rule.

This project is not subject to the requirements of Rule 62-296.600, Reasonably Available Control Technology - Lead, F.A.C., since there is not an applicable source specific category in this rule.

This project is subject to the requirements of Rule 62-296.700, Reasonably Available Control Technology – Particulate Matter, F.A.C., since there is an applicable source specific category in this rule, specifically Rule 62-296.711, F.A.C. – Materials Handling, Sizing, Screening, Crushing and Grinding Operations.

This project is not subject to the requirements of Rule 62-204.800, Federal Regulations Adopted by Reference, F.A.C., since there is not an applicable source specific category in this rule.

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

III. Summary of Particulate Matter Emissions

Emission Unit (EU) No.	**EU Description**	Actual PM Emissions (tons/year)	Potential PM Emissions (tons/yr)	Increase in Emissions	Allowable Visible Emissions
001	Ship to Hopper	0	4.09	4.09	5% opacity
002	Hopper to Truck	0	4.09	4.09	5% opacity
003	Hopper to Conveyor 1	0	4.09	4.09	5% opacity
004	Conveyor 1 to Stacker	0	4.09	4.09	5% opacity
005	Truck/Stacker to Pile	0	4.09	4.09	5% opacity
006	Pile to Pile Transfer	0	4.09	4.09	5% opacity
007	Pile to Truck	0	4.09	4.09	5% opacity
008	Pile to Ship Loading Conveyor 1	0	4.09	4.09	5% opacity
009	Truck/Ship Loading Conveyor 1 to Dock Pile	0	4.09	4.09	5% opacity
010	Dock Pile to Ship Loading Conveyor 2/Ship	0	4.09	4.09	5% opacity
011	Ship Loading Conveyor 2 to Ship	0	4.09	4.09	5% opacity
	Total Facility-wide PM Emissions	0	45.0	45.0	

- The Actual emissions are zero because the facility has not begun operation.
- Potential PM emissions are calculated by using a PM emission factor based on the worst emitting material from each of the eleven group categories, a material throughput, and a maximum of nine transfer points (worst case scenario). A 70% control efficiency is applied for the transfer points that have a water spray system. A 90% control efficiency is applied for the transfer points that have a water spray system and partial enclosures.
- The facility-wide emissions are limited to 45 tons/year of PM. The emission units are not limited to a PTE. However, this table shows a breakdown of the facility-wide emissions by emission unit for annual emissions reporting purposes.

IV. Conclusions:

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

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

V. Proposed Agency Action:

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

COMMISSION

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

EXECUTIVE DIRECTOR
Richard D. Garrity, Ph.D.

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Water Management — Sam Elrabi, P.E.
Wetlands Management — Scott Emery, Ph.D.

ENVIRONMENTAL PROTECTION COMMISSION OF
HILLSBOROUGH COUNTY, as Delegated by

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF PERMIT

Billy J. Roy
Vice President, Operations
Gulf Coast Bulk Equipment Co., Inc.
2327 South Dock St.
Palmetto, FL 33569

Dear Mr. Roy:

Enclosed is Permit Number 0571445-001-AC to construct a bulk material handling and storage facility, issued pursuant to Section 403.087, Florida Statutes.

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

Executed in Tampa, Florida.

Sincerely,

DRAFT

Richard D. Garrity, Ph.D.
Executive Director

RDG/LAW/law

cc: Florida Department of Environmental Protection (posting online)
Tom John, P.E. – Tom John, P.E., Inc. (via email)

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 Statues, with the clerk, receipt of which is hereby acknowledged.

DRAFT

_____ _____
Clerk Date

COMMISSION

Kevin Beckner
Victor D. Crist
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DRAFT

PERMITTEE:
Gulf Coast Bulk Equipment Co., Inc.
12719 US Highway 41
Gibsonton, FL 33534

PERMIT/CERTIFICATION:
Permit No.: 0571445-001-AC
County: Hillsborough
Expiration Date: June 28, 2016
Project: Bulk Material Handling

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 hereof and specifically described as follows:

This permit authorizes construction of a bulk material handling and storage facility. Bulk materials will be unloaded using either the vessel crane, shore crane or other vessel unloader to then be transferred using two methods, which can be either trucks or conveyor belts. The first method will involve the unloading of material from a ship to Onshore Hopper Nos. 1 and 2. From Hopper Nos. 1 and 2, the material will be gravity fed directly to a truck which will either transport the material to a storage pile or will transport the material offsite.

The second unloading/transferring method will include unloading the material from a ship to Onshore Hopper Nos. 1 and 2, which will transfer the material to Conveyor Belt No. 1. The partially enclosed conveyor belt will transfer the material either to the storage piles or to a Radial Stacker. The stacker will direct the material to the storage piles. When ready to be shipped offsite, front-end loaders will load the material from the storage piles into trucks.

In addition to shipping the material offsite by truck, this permit will authorize the facility to load material into ships using two ship loading methods. The first loading method will involve using front-end loaders to load the material from the storage piles into trucks. The trucks will drive the material to a storage pile closer to the dock (dock storage pile). From the dock, material will be transferred into a ship using the ship's loading equipment.

The second loading method will include using front-end loaders to load the material from the storage piles onto Ship Loading Conveyor No. 1 which will convey the material to the dock storage pile. From the dock, the material will be loaded into a ship using either the ship's loading equipment or front-end loaders will load the material onto Ship Loading Conveyor No. 2 which will convey the material into a ship.

DRAFT

Particulate matter emissions from the hoppers will be controlled through the use of a water spray system that will be installed around the top edges of each hopper. Particulate matter emissions from the conveyor belts and the radial stacker will be controlled through the use of a water spray system at each transfer point and partial enclosures. Particulate matter emissions from the storage areas will be controlled through the use of a water spray system, as necessary. A water spray system can include water spray bars, water sprinklers, water cannons, and any method of minimizing dust using water application.

Location: 12719 US Highway 41, Gibsonton, Hillsborough County, FL

UTM: 17- 3636.35 E and 3076.42 N

NEDS NO: 1445

Emission Units Nos.:

Emission Unit No.	**EU Description**
001	Ship to Hopper
002	Hopper to Truck
003	Hopper to Conveyor 1
004	Conveyor 1 to Stacker
005	Truck or Stacker to Pile
006	Pile to Pile Transfers
007	Pile to Truck
008	Pile to Ship Loading Conveyor 1
009	Truck/Ship Loading Conveyor 1 to Dock Pile
010	Dock Pile to Ship Loading Conveyor 2/Ship
011	Ship Loading Conveyor 2 to Ship

References Permit No.: N/A

Replaces Permit No.: N/A

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SPECIFIC CONDITIONS:

1. A part of this permit is the attached General Conditions. [Rule 62-4.160, F.A.C.]

2. All applicable rules of the Environmental Protection Commission of Hillsborough County including design discharge limitations specified in the application shall be adhered to. The permit holder may also need to comply with county, municipal, federal, or other state regulations prior to construction. [Rule 62-4.070(7), F.A.C.]

3. Issuance of this permit does not relieve the permittee from complying with applicable emission limiting standards or other requirements of Chapters 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C., or any other requirements under federal, state, or local law. [Rule 62-210.300, F.A.C.]

4. The permittee shall not cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor. [Rule 62-296.320(2), F.A.C.]

5. The use of property, facilities, equipment, processes, products, or compounds, or the commission of paint overspraying or any other act, that causes or materially contributes to a public nuisance is prohibited, pursuant to the Hillsborough County Environmental Protection Act, Section 16, Chapter 84-446, Laws of Florida, as Amended.

6. As requested by the permittee, in order to limit the potential to emit, the potential facility-wide emissions shall not exceed the following: [Rules 62-210.200(PTE), 62-212.300, 62-4.070(3), F.A.C. and Permit Application Received October 30, 2014]

A) The potential particulate matter (PM) emissions shall not exceed 45 tons per twelve consecutive month period.
B) Of the 45 tons of PM emissions, no more than 8 tons of PM emissions per twelve consecutive month period shall be due to the handling of spent blasting grit.
C) Hazardous Air Pollutant (HAP), as defined in Rule 62-210.200, F.A.C., emissions shall be less than 10 tons in any 12 consecutive month period for any individual HAP, and less than 25 tons in any 12 consecutive month period for any combination of HAPs.

7. Visible emissions from any emission unit, transfer point, or material handling activity shall not exceed 5% opacity. [Rule 62-296.711(2)(a), F.A.C. and Ch. 1-3.52.2. of the Rules of the EPCHC]

8. The following limitations and restrictions shall apply per any twelve consecutive month period: [Rule 62-4.070(3), F.A.C. and Permit Application Received October 30, 2014]

A) The facility is authorized to operate 8,760 hours/year.
B) Only the following materials shall be handled:

SPECIFIC CONDITIONS:

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Group I – Dusty Fertilizers		
Ammonium Sulfate	Granular Sulfate of Potash	Animal Feed Ingredients
Standard Muriate of Potash	Standard Sulfate of Potash	Standard Potassium Nitrate
Granular Muriate of Potash	Granular Sulfate of Potash-Magnesium	Standard Sulfate of Potash-Magnesium
Magnesium Sucrate	Ammonium Nitrate with Potassium	
Group II – Phosphate Rock		
Phosphate Products Rock		
Group III – Minimally Dusty Fertilizers		
Ammonium Nitrate	Sodium Potassium Nitrate	MAP
Calcium Ammonium Nitrate	Compound Fertilizers	DAP
Potassium Nitrate	Dried Sludge	GTSP
Calcium Nitrate	Urea	Kieserite
Group I V – Millscale		
Millscale		
Group V– Moderately Dusty Non-Fertilizer Products		
Coal	Syngypsum	Clay
Petcoke	Iron Ore	Magnetite/Ferrous Oxides
Coke		
Group VI – Minimally Dusty Non-Fertilizer Products		
Gypsum	Alumina Hydrate	Filler Materials
Pumice	Vermiculite	Peanut Hulls
Wood Chips	Dolomite	Salt (solar)
Ferrous Sulfate	Glass	Bio-Mass
Ferro Alloys	Iron Scrap (including shredded scrap metal)	Granulated Furnace Slag
Clinker (treated or screened)	Prilled Sulfur	
Group VII – Coal Slag		
Coal Slag	Industrial Slag	Ladle Slag

SPECIFIC CONDITIONS:

Group VIII – Agricultural Products		
Grains	Grain Meals	Seeds
Soybeans	Grain Byproducts	Peas
Wheat, Rye, Barley	Citrus Pellets	
Group IX – Bauxite/Alumina and similar Dusty Cement-like Products		
Bauxite	Alumina	Slag Cement
Group X - Aggregate		
Limestone	Granite	Rocks
Gravel	Stone	
Group XI – Sand and Similar Materials		
Sand	Soil	Limestone Fines
Dirt	Sugar	

C) All materials in Group IX shall be treated with a dust suppressant at the first material transfer point and subsequent material transfer points as necessary to meet the 5% opacity standard.

D) All materials, except for Groups I and III materials, shall have water applied as needed or a dust suppressant applied as needed in order to demonstrate compliance with the 5% opacity standard.

E) Materials shall be adequately wet prior to transferring from the pile to either a truck or conveyor.

F) When calculating particulate matter emissions in order to demonstrate compliance with Specific Condition No. 6, the emission factors for each group of material and control efficiencies listed below shall be used.

i.

Group Number	Emission Factor	Max. Number of Transfer Points
I	0.016	9
II	0.24	9
III	0.01	9
IV	6.8	9
V	0.2	9
VI	0.067	9
VII	0.155	9
VIII	0.086	9
IX	1.1	9
X	0.02	9
XI	0.12	9

ii. A control efficiency of 70% can be applied for each transfer point equipped with a water spray system.
iii. A control efficiency of 90% can be applied for each transfer point equipped with a water spray system and a partial enclosure.

9. In order to ensure compliance with the emission limitations in Specific Condition Nos. 6 and 7, the following restrictions and limitations shall apply: [Rule 62-4.070(3), F.A.C. and Permit Application Received October 30, 2014]

A) The permittee shall install a water spray system at each transfer point and in the storage area(s). The water spray system shall be capable of reaching the storage piles to adequately wet the material at all times. Adequately wet means the presence of visible moisture on the surface of the pile.
B) Fire hydrants shall be located in the vicinity of the prilled sulfur storage piles and shall be capable of reaching each prilled sulfur pile.
C) The maximum combined number of material transfer points shall not exceed nine.
D) Onshore hopper(s) shall be used during all ship unloading activities.
E) Each onshore hopper shall have a water spray system installed along the top of the hopper.
F) The water spray system on the onshore hopper(s) shall be in operation while the ship off-loading operation is occurring, except when handling Groups I and III materials.
G) The drop height between the ship unloading equipment and the onshore hopper shall be minimized as necessary to ensure compliance with the 5% opacity standard.
H) Each conveyor and stacker shall have a water spray system installed at each transfer point.
I) Monthly maintenance inspections shall be performed on each water spray system.
J) The spent grit blasting material shall be stored on an impervious surface.

10. The permittee shall perform the following observations and checks on the daily, when in operation. The permittee shall perform any necessary maintenance work in order to keep the equipment in good working order to minimize fugitive particulate emissions. [Rules 62-296.320 and 62-4.070(3), F.A.C.]

A) Inspect each water spray system for proper operation, including, but not limited to, adequate water pressure, pluggage, leaks, and adequate wetness of material.
B) Inspect the paved and unpaved areas at the facility to ensure they are adequately wet. Re-water as necessary if visible fugitive dust emissions are observed.

11. Test each emission unit for visible emissions the first time material is handled through the emission unit and annually thereafter. In addition, test each emission unit for visible emissions the first time each material listed in Specific Condition No. 8.B) is received and handled. Testing shall be performed the point of highest opacity. Submit two copies of the test data to the Air Management Division within 45 days of such testing. Testing procedures shall be consistent with the requirements of 40 CFR 60 and Rule 62-297, F.A.C. [Rules 62-297.310(7)(a)4. and 297.310(8)(b), F.A.C.]

SPECIFIC CONDITIONS:

12. Testing of emissions shall be conducted with the source operating at capacity. The capacity for each emission unit shall be determined during the emission unit's initial visible emissions test. 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 (15) days or the next instance that material is received and handled for purposes of additional compliance testing to regain the rated capacity in the permit, with prior notification to the EPC. Failure to submit the type of material unloaded or loaded, the throughput rates, and actual operating conditions may invalidate the test. [Rules 62-4.070(3) and 62-297.310, F.A.C.]

13. Compliance with the emission limitations of Specific Condition No. 7 shall be determined using EPA Method 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 at least 30 minutes in duration. The minimum requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Rule 62-297, F.A.C. and 40 CFR 60, Appendix A. [Rules 62-297, 62-297.310(4)(a)2., and 62-296.711(3)(a) F.A.C.]

14. 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(7)(a)9., F.A.C.]

15. In order to demonstrate compliance with the limits established in Specific Condition Nos. 6, 8, and 9, the permittee shall maintain daily records for the most recent three-year period. The records shall be made available to the Environmental Protection Commission of Hillsborough County, State and Federal officials upon request and shall include, but not limited to, the following: [Rules 62-4.160(14)(b) and 62-4.070(3), F.A.C.]

A) Day, Month, Year
B) Amount and type of material unloaded from ships (tons)
C) Amount and type of material loaded into trucks for shipment offsite (tons)
D) Amount and type of material loaded into ships for shipment offsite (tons)
E) Monthly and twelve consecutive month rolling totals of B), C), and D) above (tons)
F) Monthly and twelve consecutive month rolling total of particulate matter emissions. When calculating particulate matter emissions, the emission factors and control efficiencies listed in Specific Condition No. 8 shall be used.
G) Records of the water spray system inspections as required in Specific Condition No. 11.

16. 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, 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 shall include, but not limited to, the following: [Rule 62-296.320(4)(c), F.A.C.]

A) Minimize material drop heights as much as possible.
B) Cease all material handling operations during wind gusts greater than 12 miles per hour.
C) Installation of wind breaks to mitigate wind entrainment of particulate matter from storage piles, as necessary.
D) Exercise good housekeeping at all times.
E) Paving or maintenance of roads, parking area, and yards.
F) Application of asphalt, water, oil, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar activities as needed.
G) Removal of particulate matter from roads and other paved areas under control of the owner or operator to prevent re-entrainment.
H) Landscaping or planting of vegetation.
I) Clean up spills promptly, during each shift (eight hours). The permittee shall use a vacuum sweeper to clean up spills of prilled sulfur.
J) Posting of vehicle speed limits, as necessary.
K) Placing a tarp between the ship and the dock to prevent material from falling into the water during ship unloading operations.
L) During the handling of prilled sulfur keep the material away from heat, sparks, hot surfaces, and sources of ignition
M) During the handling of prilled sulfur use non-ferrous tools and non-ferrous fittings

17. 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(185), 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: [Rule 62-210.300 and 62-4.070(3), F.A.C.]

A) Alteration or replacement of any equipment or major component of such equipment listed in the process description of this permit.
B) Installation or addition of any equipment which is a source of air pollution.
C) The handling of materials other than those allowed by this permit.
D) The construction of storage silos, buildings, or other permanent enclosures.

18. 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-

SPECIFIC CONDITIONS:

297.310(7)(b), F.A.C.]

19. If the permittee wishes to transfer this permit to another owner, an "Application for Transfer of Air 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.]

20. Submit to the Environmental Protection Commission of Hillsborough County each calendar year on or before April 1, completed DEP Form 62-210.900(5), "Annual Operating Report for Air Pollutant Emitting Facility", for the preceding calendar year. [Rule 62-210.370(2), F.A.C.]

21. A minimum of two copies of an air operating permit application shall be submitted to the Environmental Protection Commission of Hillsborough County within 60 days of completion of the first visible emissions testing, or at least 90 days prior to the expiration date of this permit, whichever occurs first. [Rules 62-4.050(2) and 62-4.090, F.A.C.]

ENVIRONMENTAL PROTECTION
COMMISSION OF HILLSBOROUGH COUNTY

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Richard D. Garrity, Ph.D.
Executive Director