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CERTIFIED MAIL

In the Matter of an
Application for Permit by:

Aaron Herwig
President
Florida Silica Sand Company
2962 Trivium Circle-Suite 106
Ft. Lauderdale, FL 33312

File No.: 0571446-001-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, Florida Silica Sand Company, applied on December 18, 2014 to the EPC for the construction of an industrial sand drying and handling facility. Florida Silica Sand Company will dry, screen and blend industrial sand. The facility, which is a Synthetic Non-Title V Source, will be located at 1705 Sammonds Road, Plant City, FL, Hillsborough County, FL, 33563.

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 and62-210.350(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 isnewspaper 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

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 (via email)
Robert Jones, P.E. – RJones Engineering (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 1/27/15 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 1/27/15

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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

Aaron Herwig
President
Florida Silica Sand Company
2962 Trivium Circle-Suite 106
Ft. Lauderdale, FL 33312

Re: Hillsborough County Air Permitting

Dear Mr. Herwig:

Enclosed is Draft Permit Number 0571446-001-AC for the construction of an industrial sand drying and handling 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/SN/sn

cc: Florida Department of Environmental Protection (via email)
Robert A. Jones, P.E. – RJones Engineering (via email)

CERTIFICATE OF SERVICE

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DRAFT

_____ _____
Clerk Date

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DRAFT

PERMITTEE:
Florida Silica Sand Company
1705 Sammonds Road
Plant City, FL 33563

PERMIT/CERTIFICATION
Draft Permit No: 0571446-001-AC
County: Hillsborough
Expiration Date: June 1, 2016
Project: Sand Drying and 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 of hereof and specifically described as follows:

Raw sand will be brought on-site from local sand pits by dump trucks with an estimated moisture content between 3-7%. Sand will then be delivered into a hopper by a front end-loader and conveyed at a capacity of 80 tons/hr, to a natural gas fired ADM rotary sand dryer (Model #D5424). The sand dryer will be fueled by a natural gas burner rated at 27MM BTU/hr. Particulate matter (PM) emissions from the rotary sand dryer will be controlled by a 20,000 ACFM Ultra Industries, Inc. baghouse (Model #BD-225-120-II). A temperature sensor will monitor the exit temperature of the dryer to ensure it remains below the 250° F design temperature of the baghouse. Dried sand will then be conveyed from the dryer to a scalper screener, which will remove the larger undesirable particles (pebbles, etc.) from the sand. The screened material will discharge into a bucket elevator that will feed into a second screener designed to screen out the large sand size particles (#6 mesh to greater than #20 mesh), which will then be conveyed to the storage silos. Sand particles smaller than #20 mesh will discharge into a second bucket elevator that will feed the third sand screener, which will separate the sand to a size less than #45 mesh. The screened sand material will then be conveyed to the storage silos.

Sand from the various silos will be mixed in accordance to customer specifications with varying percentages of sand particle sizes. The mixed sand will either be loaded into; (1) trucks (bulk, flatbed or enclosed), or (2) super sacks (2,000 - 4,000 lb.), or (3) packed in 50 lb. bags. The PM emissions from the screeners, bucket elevators, conveyors and bagging operation will be controlled by a 5,000 ACFM Ultra Industries, Inc., baghouse (Model #BD-81-100-III). All conveyors will be partially enclosed. The facility will have a total of 8 storage silos ((2) Black Beauty and (6) dry silica sand), one truck load out, and 4 sand bag fill systems. The emissions from the silos are controlled by dual bin vents (100 and 224 ACFM, Ultra Industries, Inc. Models BB-4-58-IIG and BB-9-58-IIG dust collectors, respectively).

SPECIFIC CONDITIONS:

24. 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.]

25. A minimum of two copies of an air operating permit application shall be submitted, along with an O&M Plan for the baghouses controlling emissions from EU Nos. 001 and 002, to the Environmental Protection Commission of Hillsborough County within 60 days of completion of the compliance tests 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

DRAFT

Richard D. Garrity, Ph.D.
Executive Director