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**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

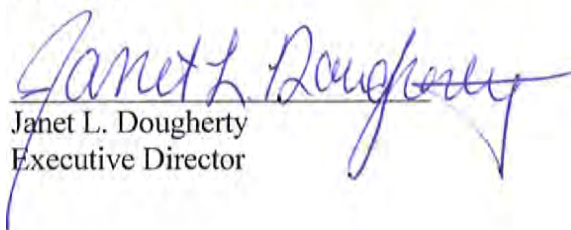
Dear Mr. Herwig:

Enclosed is Permit Number 0571446-002-AC for modifications at your 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 Hillsborough County, Florida.

Sincerely,


Janet L. Dougherty
Executive Director

JLD/SN/sn

cc: Florida Department of Environmental Protection (via email)

The undersigned duly designated deputy agency clerk hereby certifies that this Notice of Final Permit (including the Final Permit and Final Determination), or a link to these documents available electronically on a publicly accessible server, was sent by electronic mail with received receipt requested to the persons listed below:

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

Shaun Webb 11/24/15
Clerk Date

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PERMITTEE:

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

PERMIT/CERTIFICATION

Permit No: 0571446-002-AC
County: Hillsborough
Expiration Date: October 30, 2016
Project: Modification to the Sand Drying and
Handling Facility

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:

This permit authorizes the modifications to the sand drying and handling facility. The modifications include revising the timeframe for the initial compliance test to be consistent with 40 CFR 60, Subpart A requirements, and removing the temperature monitoring and temperature sensor calibration requirements, as these will be incorporated in the operating permit as part of the O&M plan.

Raw sand is brought on-site from local sand pits by dump trucks 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 is fueled by a natural gas burner rated at 27MM BTU/hr. Particulate matter (PM) emissions from the rotary sand dryer is controlled by a 20,000 ACFM Ultra Industries, Inc. baghouse (Model #BD-225-120-III). A temperature sensor monitors the exit temperature of the dryer to ensure it remains below the 375° F design temperature of the baghouse's NOMEX filter material. Dried sand is then conveyed from the dryer to series of screeners and bucket elevators to be separated by size and conveyed to the appropriate storage silo.

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

The facility is subject to Rule 62-296.320, F.A.C. – "General Pollutant Emission Limiting Standards". The Rotary Sand Dryer and the sand handling operation (EU #001 and #002) are subject to the

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Roger P. Stewart Center

3629 Queen Palm Drive, Tampa, FL 33619 - (813) 627-2600 - www.epchc.org

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PERMITTEE:
Florida Silica Sand Company

PERMIT/CERTIFICATION NO.: 0571446-002-AC
PROJECT: Modification to the Sand Drying and Handling Facility

SPECIFIC CONDITIONS:

Pollutant Emitting Facility", for the preceding calendar year. The AOR shall be submitted by April 1 of the following year. [Rule 62-210.370(3), F.A.C.]

25. 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.]

26. 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


Janet L. Dougherty
Executive Director