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EXECUTIVE DIRECTOR
Richard D. Garrity, Ph.D.

ENVIRONMENTAL PROTECTION COMMISSION OF
HILLSBOROUGH COUNTY, as Delegated by

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF PERMIT ISSUANCE

CERTIFIED MAIL

Mr. George Pantazopoulos
Vice President Cement Pozzolans and Aggregates
Titan Florida, LLC
455 Fairway Drive #200
Deerfield Beach, FL 33441

File No.: 0571326-006-AO
County: Hillsborough

Enclosed is Permit No. 0571326-006-AO for the operation of a flyash handling, storage, beneficiation, and loadout facility, issued pursuant to Section 403.087, Florida Statutes.

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 receipt of this permit. 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

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.

Executed in Tampa, Florida

ENVIRONMENTAL PROTECTION COMMISSION
OF HILLSBOROUGH COUNTY

Richard D. Garrity, Ph.D.
Executive Director

RDG/LAW/law

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT ISSUANCE and all copies were mailed before the close of business on 9/29/14 to the listed persons.

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

Teresa Bertulis 9/29/14

Clerk Date

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PERMITTEE:
Separation Technologies, LLC
Big Bend Station
13151 Wyandotte Road
Gibsonton, FL 33535

PERMIT/CERTIFICATION
Permit No.: 0571326-006-AO
County: Hillsborough
Expiration Date: September 29, 2019
Project: Flyash Processing

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:

Separation Technologies (ST) is a flyash handling, storage, beneficiation, and loadout facility adjacent to the Tampa Electric Company (TEC) Big Bend Power Station. ST removes residual carbon and ammonia from raw flyash generated at TEC Big Bend. The resultant low carbon, low ammonia, high mineral product flyash (ProAsh®) is marketed to ready-mix concrete producers as a cement substitute. The high carbon by-product material (EcoTherm) is utilized by area cement kilns as a fuel and mineral feed substitute.

The flyash processing facility consists of three systems: (1) Raw Feed Flyash Handling and Carbon Separation, (2) Ammonia Removal (Beneficiation), and (3) Product Storage and Loadout. Raw flyash is primarily received directly from TEC's coal-fired electrical-generating units through pneumatic piping, although ST is capable of receiving flyash via truck. The flyash is delivered into an enclosed feed ash storage dome controlled by a 7,305 DSCFM IAC, Model No. 56PE-BVI-196, baghouse.

The material is then transferred from the dome by two reclaim pumps, each controlled by an identical 400 DSCFM IAC, Model No. 72TB-BVI-25, baghouse, to one of two separator surge bins (Separator A and Separator B). Separator A is controlled a 2,848 DSCFM Z and Z Conveying Technology, Model No. CF 48-41.5(6)-20, baghouse. Separator B is controlled a 1,574 DSCFM Z and Z Conveying Technology, Model No. CF 48-41.5(6)-20, baghouse. The flyash is then passed through the respective separator line.

SPECIFIC CONDITIONS:

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(3), F.A.C.]

30. Issuance of this operating permit does not preclude the Department or EPC from re-evaluating the status of this facility as a "support facility" for Tampa Electric Company's (TEC) Big Bend Power Station and evaluating the facility as part of that Title V source. Promulgation of a federal NESHAP standard affecting this operation may require a permit evaluation and/or revisions of ST and TEC's operating permits. [Rule 62-210.200(Facility) and (Major Stationary Source), and 62-4.070(3), F.A.C. and Permit No. 0571326-003-AC]

31. Prior to sixty days before the expiration of this operating permit, the permittee shall apply for a renewal of the permit using the current version of the permit renewal application form along with the proper fee. A renewal application shall be timely and sufficient. If the application is submitted prior to sixty days before the expiration of the permit, it will be considered timely and sufficient. If the renewal application is submitted at a later date, it will not be considered timely and sufficient unless it is submitted and made complete prior to the expiration of the operation permit. When the application for renewal is timely and sufficient, the existing permit shall remain in effect until the renewal application has been finally acted upon by the EPC or, if there is court review of the final agency action, until a later date is required by Section 120.60, Florida Statutes. [Rule 62-4.090, F.A.C.]

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