FLORIDA DEPARTMENT OF
Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

Sent by Electronic Mail - Received Receipt Requested

Mr. Mark Hammond
Executive Director
Solid Waste Authority of Palm Beach County
Palm Beach Renewable Energy Park
7501 North Jog Road
West Palm Beach, Florida 33412

Re: Palm Beach Renewable Energy Park
Draft Permit No. 0990234-040-AV, Title V Air Operation Permit Revision
Draft Permit No. 0990234-039-AC/PSD-FL-413E, Air Construction Permit Revision

Dear Mr. Hammond:

Enclosed is the draft permit package for a Title V air operation permit revision and an air construction permit revision for the Palm Beach Renewable Energy Park. This facility is in Palm Beach County at 7501 North Jog Road in West Palm Beach, Florida. The permit package includes the following documents:

- The Written Notice of Intent to Issue Air Permits provides important information regarding: the Permitting Authority's intent to issue air permits for the proposed project; the requirements for publishing a Public Notice of the Permitting Authority's intent to issue air permits; the procedures for submitting comments on the draft Title V air operation permit and the draft air construction permit revision; the process for filing a petition for an administrative hearing; and the availability of mediation.
- The Public Notice of Intent to Issue Air Permits is the actual notice that you must have published in the legal advertisement section of a newspaper of general circulation in the area affected by this project. The Public Notice of Intent to Issue Air Permits must be published as soon as possible and the proof of publication must be provided to the Department within seven days of the date of publication.
- The Statement of Basis, which summarizes the facility, the equipment, the primary rule applicability, and the changes since the last Title V air operation permit revision.
- The revised draft Title V air operation permit, which includes the specific permit conditions that regulate the emissions units covered by the proposed project.
- The Technical Evaluation & Preliminary Determination, which explains the project in detail.
- The draft air construction permit revision.

Please submit any written comments you wish to have considered concerning the permitting authority's proposed action to Mr. Scott M. Sheplak, CPM, P.E., Permitting Section, at the above letterhead address or comments can be submitted by email to both of the following addresses: scott.sheplak@dep.state.fl.us and DARM_Permitting@dep.state.fl.us (this is the section's dedicated permitting email address). If you have any questions, please contact Mr. Scott M. Sheplak by email or by telephone at 850/717-9074.

Sincerely,

David Lyle Read, P.E.
2018.10.16 12:08:32 -04'00'

For:

Syed Arif, P.E., Program Administrator
Office of Permitting and Compliance
Division of Air Resource Management

SA/dlr/sms

WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMITS

In the Matter of an
Application for Permits by:

Solid Waste Authority of Palm Beach County
Palm Beach Renewable Energy Park
7501 North Jog Road
West Palm Beach, Florida 33412

Responsible Official/Authorized Representative:
Mr. Mark Hammond, Executive Director

Draft Permit No. 0990234-040-AV
Draft Permit No. 0990234-039-AC/PSD-FL-413E
Facility ID No. 0990234
Palm Beach Renewable Energy Park
Title V Air Operation Permit Revision
Air Construction Permit Revision
Palm Beach County, Florida

Facility Location: This existing facility is in Palm Beach County at 7501 North Jog Road, West Palm Beach.

Project: The applicant applied on September 13, 2018, to the Department for a Title V air operation permit revision and a concurrent minor source air construction (AC) permit. This project revises Title V air operation permit No. 0990234-037-AV.

The minor source AC/PSD permit revision is to remove permit conditions related to the mercury continuous emissions monitoring system (Hg CEMS) on the Palm Beach Renewable Energy Facility No. 2 (PBREF-2) Municipal Waste Combustor Unit 5.

The Title V air operation permit revision is for the "replacement in-kind" of the currently permitted Emergency Generator for the Administration Building (emissions unit identification number (E.U. ID No. 042) with the newly installed emergency generator unit. The Title V air operation permit revision also reflects the revisions being made in Draft Permit No. 0990234-039-AC/PSD-FL-413E.

The Palm Beach Renewable Energy Park (PBREP) consists of two renewable energy facilities ("Palm Beach Renewable Energy Facility No. 1" and "Palm Beach Renewable Energy Facility No. 2") also known as waste-to-energy (WTE) facilities. The existing PBREF-1 facility is a municipal waste combustor plant designed to process 2,000 tons per day (TPD) of municipal solid waste (MSW). The facility burns processed MSW that is called "refuse derived fuel" (RDF). The RDF plant is equipped with three MSW processing lines, any two of which can handle the 2,000 TPD of incoming MSW. The recently constructed PBREF-2 facility consists of three 1,000 TPD mass-burn MWC units. The total capacity of this existing facility is 5,000 tons/day (TPD) of municipal solid waste fuel. The nominal (i.e., generator nameplate) electric generating capacity of the facility is 162 megawatts (MW), which is sold to the local utility company. The facility is owned and currently operated by the Solid Waste Authority of Palm Beach County.

Two landfills, a Class I Landfill and a Class III Landfill, each with its own gas collection system and flare, are also located at the facility. A biosolids pelletization facility (BPF) is located adjacent to the existing landfill. Additional activities at the facility include: material processing systems, a metals recovery system, storage and handling systems for RDF; lime storage and processing facilities; storage and handling systems for ash and ash treatment; and, cooling towers. Also included in this permit are miscellaneous unregulated/insignificant emission units and/or activities.

No physical construction is required or authorized. The project will not cause or authorize any increases in emissions nor change the allowable capacity of the units. Therefore, this project is not subject to Prevention of Significant Deterioration preconstruction review. Details of the project are provided in the application, the Statement of Basis and the Technical Evaluation & Preliminary Determination.

Permitting Authority: Applications for Title V air operation permits for facilities are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4, 62-210, 62-213 and 62-214 of the Florida Administrative Code (F.A.C.).

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 a Title V air operation permit is required to operate the facility. The Office of Permitting and Compliance is the Permitting Authority responsible for making a permit determination for this project. The Permitting Authority's physical address and mailing address is: 2600 Blair Stone Road, MS #5505, Tallahassee, Florida 32399-2400. The Permitting Authority's telephone number is 850/717-9000.

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 address indicated above for the Permitting Authority. The complete project file includes the draft Title V air operation permit, the Statement of Basis, the draft air construction permit revision, the Technical Evaluation & Preliminary Determination, and the application, and the information submitted by the applicant, exclusive of confidential records under Section 403.111, F.S. Interested persons may view the draft Title V air operation permit or the draft air construction permit revision by visiting the following web site: https://fldep.dep.state.fl.us/air/emission/apds/default.asp and entering the permit number shown above. 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 Air Permits: The Permitting Authority gives notice of its intent to issue a draft Title V air operation permit and a concurrent draft air construction permit revision for the project described above. The applicant has provided reasonable assurance that operation of the existing 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, 62-213, 62-214, 62-296 and 62-297, F.A.C. The Permitting Authority will issue final permits in accordance with the conditions of the draft Title V air operation permit and the draft air construction permit revision unless a response received in accordance with the following procedures 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 Permits (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 the 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 air construction permit revision 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 air construction permit revision, the Permitting Authority shall revise the draft air construction permit revision and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

The Permitting Authority will accept written comments concerning the draft Title V air operation permit for a period of 30 days from the date of publication of the Public Notice. Written comments must be received by the close of business (5:00 p.m.), on or before the end of this 30-day period by the Permitting Authority at the above address. As part of his or her comments, any person may also request that the Permitting Authority hold a public meeting on this permitting action. If the Permitting Authority determines there is sufficient interest for a public meeting, it will publish notice of the time, date, and location in the Florida Administrative Weekly (FAW). If a public meeting is requested within the 30-day comment period and conducted by the Permitting Authority, any oral and written comments received during the public meeting will also be considered by the Permitting Authority. If timely received written comments or comments received at a public meeting result in a significant change to the draft Title V air operation permit, the Permitting Authority shall issue a revised draft Title V air operation permit and require, if applicable, another Public Notice. All comments filed will be made available for

public inspection. For additional information, contact the Permitting Authority at the above address or phone number.

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 Permits. 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 Permits, 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) with the Agency Clerk in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, Agency_Clerk@dep.state.fl.us, 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 Permits. 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.

Objections: Finally, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 days of the expiration of the Administrator's 45-day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to the issuance of any Title V air operation permit. Any petition shall be based only on objections to the permit that were raised with reasonable specificity during the 30-day public comment period provided in the Public Notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C.

Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460. For more information regarding EPA review and objections, visit EPA's Region 4 web site at http://www2.epa.gov/caa-permitting/florida-proposed-title-v-permits.

Executed in Tallahassee, Florida

David Lyle Read, P.E.
2018.10.16 12:09:19 -04'00'

For:

Syed Arif, P.E., Program Administrator
Office of Permitting and Compliance
Division of Air Resource Management

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this written notice of Intent to Issue Title V Air Operation Permit Revision (including the Public Notice, the Statement of Basis, the Draft Title V Air Operation Permit Revision, the Technical Evaluation & Preliminary Determination, and the Draft Air Construction Permit Revision), 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:

Mr. Mark Hammond, SWA: mhammond@swa.org
Ms. Marybeth Morrison, SWA: mmorrison@swa.org
Mr. David Broten, SWA: dbroten@swa.org
Ms. Amy Hightower, CDM: hightoweram@cdmsmith.com
Ms. Wei-Ting Liu, P.E., CDM: liuwt@cdmsmith.com
Ms. Tamara Stankunas, Earthshine: tstankunas@earthshineinc.com
Mr. Francisco Amram, P.E.: paco.amram@earthshineinc.com
DEP SED Office: SED.AIR@dep.state.fl.us
EPA Region 4: R4TitleVFL@epa.gov
Ms. Barbara Friday, DEP OPC: barbara.friday@dep.state.fl.us
Ms. Lynn Scearce, DEP OPC: lynn.scearce@dep.state.fl.us

Clerk Stamp

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.

Lynn Scearce 2018.10.16 13:45:11 -04'00'