



# Florida Department of Environmental Protection

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

Charlie Crist  
Governor

Jeff Kottkamp  
Lt. Governor

Mimi A. Drew  
Secretary

## PERMITTEE

Solid Waste Authority of Palm Beach County  
7501 North Jog Road  
West Palm Beach, FL 33412

Air Permit No. 0990234-017-AC (PSD-FL-413)  
Palm Beach Renewable Energy Park  
Palm Beach Renewable Energy Facility No. 2

Authorized Representative:  
Mark Hammond, Executive Director

Expires: December 31, 2015  
Palm Beach County

## PROJECT

This is the final air construction permit authorizing the construction of three 1,000 tons per day (TPD) mass-burn municipal waste combustors (MWC), a 90 to 100 megawatts (MW) steam turbine-electrical generator (STG) and ancillary equipment. The proposed work will be conducted at the existing Palm Beach Renewable Energy Park (PBREP), which is a municipal solid waste (MSW) facility categorized under Standard Industrial Classification Number (No.) 4953. The existing facility is located in Palm Beach County at 7501 North Jog Road in West Palm Beach, Florida. The UTM coordinates are Zone 17, 585.3 kilometers (km) East, and 2961.7 km North.


This final permit is organized into the following sections: Section 1 (General Information); Section 2 (Administrative Requirements); Section 3 (Emissions Unit Specific Conditions); and Section 4 (Appendices). Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix CF of Section 4 of this permit. As noted in the Final Determination provided with this final permit, only minor changes and clarifications were made to the draft permit.

## STATEMENT OF BASIS

This air pollution construction permit is issued under the provisions of: Chapter 403 of the Florida Statutes (F.S.) and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.). The permittee is authorized to conduct the proposed work in accordance with the conditions of this permit. This project is subject to the general preconstruction review requirements in Rule 62-212.300, F.A.C. and the preconstruction review requirements for major stationary sources in Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality and a corresponding best available control (BACT) determination.

Upon issuance of this final permit, any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statutes by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure 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 30 days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida

  
\_\_\_\_\_  
Joseph Kahn, Director  
Division of Air Resource Management

12/23/10  
\_\_\_\_\_  
(Date)

### CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Final Determination and Final Permit with Appendices) was sent by electronic mail, or a link to these documents made available electronically on a publicly accessible server, with received receipt requested before the close of business on December 23, 2010 to the persons listed below.

Mark Hammond, SWA, Executive Director: [mhammond@swa.org](mailto:mhammond@swa.org)

Michael Halpin, DEP Siting: [mike.halpin@dep.state.fl.us](mailto:mike.halpin@dep.state.fl.us)

Kevin Claridge, DEP SED: [kevin.claridge@dep.state.fl.us](mailto:kevin.claridge@dep.state.fl.us)

Jim Stormer, Palm Beach County Health Department: [james\\_stormer@doh.state.fl.us](mailto:james_stormer@doh.state.fl.us)

Heather Abrams, EPA Region 4: [abrams.heather@epa.gov](mailto:abrams.heather@epa.gov)

Dee Morse, NPS: [dee\\_morse@nps.gov](mailto:dee_morse@nps.gov)

Amit Chattopadhyay, P.E., Malcolm Pirnie: [achattopadhyay@pirnie.com](mailto:achattopadhyay@pirnie.com)

Sierra C. Wolfe, Public Commenter, [sierra887@gmail.com](mailto:sierra887@gmail.com)

Vickie Gibson, DEP BAR Reading File: [victoria.gibson@dep.state.fl.us](mailto:victoria.gibson@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.

 (Clerk)      12/23/10 (Date)