

1 **SOUTH FLORIDA WATER MANAGEMENT DISTRICT**

2
3 **RESOLUTION NO. 2011-**

4
5 **A RESOLUTION OF THE GOVERNING BOARD OF THE SOUTH FLORIDA**
6 **WATER MANAGEMENT DISTRICT TRANSMITTING THE DISTRICT'S**
7 **AGENCY REPORT ON THE SOLID WASTE AUTHORITY (SWA) OF PALM**
8 **BEACH COUNTY (SWA) RENEWABLE ENERGY FACILITY NO. 2 PROJECT**
9 **TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**

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11 **WHEREAS**, Pursuant to the Florida Electrical Power Plant Siting Act (Sections 403.501,
12 Florida Statutes, et seq.), the Solid Waste Authority (SWA) of Palm Beach County filed with the
13 Florida Department of Environmental Protection (FDEP) an application for site certification to
14 expand its solid waste processing and electrical generation capacity by constructing a second
15 renewable energy facility on a ±24-acre portion of its existing ±1,320-acre Renewable Energy
16 Park located at Jog Road and 45th Street in the City of West Palm Beach; and

17 **WHEREAS**, the SWA is not requesting an increase in ground water allocation for cooling,
18 process, or landscape irrigation water for the proposed new facility; and

19 **WHEREAS**, the project design includes an air-cooled condenser and process water will
20 come from cooling tower blow-down water wastewater from the existing facility, reuse of
21 process wastewater from the proposed facility, the existing surficial aquifer industrial water
22 supply wells, rainwater harvested from the roofs of existing and proposed buildings and, if
23 necessary, potable water from the City of West Palm Beach; and

24 **WHEREAS**, the new facility, capable of producing approximately 100 megawatts of
25 electricity, is scheduled for operation in late 2014 or early 2015; and

26 **WHEREAS**, according to the SWA, operation of the proposed facility will extend the life
27 of the existing landfill by more than 20 years; and

28 **WHEREAS**, the District is required by Section 403.507, Florida Statutes, to prepare a
29 report for submittal to FDEP as to matters within its jurisdiction; and

30 **WHEREAS**, the District staff has reviewed the proposed application and has prepared
31 the attached Agency Report for submittal to FDEP, subject to Governing Board approval; and

32 **WHEREAS**, the Governing Board has determined that the Agency Report prepared by
33 District Staff is appropriate and authorizes staff to submit the Agency Report to FDEP; now
34 therefore

1 **BE IT RESOLVED BY THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER**
2 **MANAGEMENT DISTRICT:**

3 **Section 1.** The Governing Board of the South Florida Water Management District
4 hereby approves the Agency Report to FDEP recommending approval of the SWA's Renewable
5 Energy Facility No. 2 project, subject to revised and updated conditions and restrictions.

6 **Section 2.** A copy of the agency report is attached hereto and made a part hereof.

7 **Section 3.** The District staff is authorized and directed to transmit this Agency Report
8 to DEP.

9 **Section 4.** This resolution shall take effect immediately upon adoption.

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11 **PASSED and ADOPTED** this 13th day of January, 2011

12
13 SOUTH FLORIDA WATER MANAGEMENT
14 DISTRICT, BY ITS GOVERNING BOARD

15
16
17 BY: _____
18 Chairman

19
20 ATTEST:

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22
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24 _____
25 Assistant Secretary

26 Approved as to form:

27
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29 BY: _____
30 Office of Counsel