

**AGENDA
SITING BOARD
DEPARTMENT OF ENVIRONMENTAL PROTECTION
SEPTEMBER 19, 2006**

Item 1 Minutes

Submittal of the Minutes from the May 16, 2006 Cabinet Meeting.

(See Attachment 1, Pages 1-3)

RECOMMEND APPROVAL

**Item 2 Hillsborough County Consolidated Final Order/Land Use/Site Certification/
Hillsborough County Resource Recovery Facility Expansion**

REQUEST: Consideration of an Order, to be executed by the Siting Board, adopting the Administrative Law Judge's Recommended Order finding the Hillsborough County Resource Recovery Facility Expansion to be in compliance with the local land use plans and zoning ordinances; and adopting the Administrative Law Judge's Recommended Order recommending the Siting Board grant full and final certification to Hillsborough County, under Section 403, Part II, Florida Statutes, for the location, construction and operation of the County's Resource Recovery Facility Unit 4, pursuant to Subsections 403.509(1), and 403.511(1), Florida Statutes.

COUNTY: Hillsborough

APPLICANT: Hillsborough County (HC)

LOCATION: The Resource Recovery Facility (RRF) site is located at 350 N. Falkenburg Road on a 50.4-acre site in the southern portion of a 353-acre tract of land owned by Hillsborough County in Section 18, Township 29 and Range 20. The site is bounded on the south by a railroad track that is owned by CSX Railroad; on the west by a 230 Kilovolt (KV) transmission line corridor and easement owned by Tampa Electric Company (TECO), and lands owned by Tampa Bay Water; on the north by vacant improved pasture land, the Falkenburg Road Jail, Hillsborough County Department of Animal Services, and Hillsborough County Sheriff's Office (District 2); and on the east by Falkenburg Road and some vacant land.

STAFF REMARKS: On November 21, 2005, Hillsborough County (HC) filed a Site Certification Application (SCA) with the Department of Environmental Protection (DEP) pursuant to the Florida Electrical Power Plant Siting Act (PPSA), Sections 403.501 through 403.518, Florida Statutes (F.S.). The SCA proposes the construction and operation of a new 600 tons per day (tpd) boiler and a 17 MW, steam turbine, electric power generation unit at the HC's existing resource recovery facility (RRF) site.

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Item 2 cont.

The existing RRF currently has three existing units each composed of a 400 tpd boiler with each unit producing steam for a 29 MW steam turbine and electrical power generator. The existing RRF was certified pursuant to the Siting Act in 1984 and began operation in 1987. In the 1984 certification, HC was authorized to construct and operate four units for a total of 39 MW. The RRF expansion project (RRF Unit 4) SCA seeks to increase the 1984 certification by 200 tpd solid waste processing capacity and 8 MW steam electric power generation.

The fuel for the RRF is municipal solid waste (MSW) and the RRF is a mass-burn type facility. That is, the MSW is not preprocessed, other than shredding of large items, before being used as fuel for the boiler. The present RRF has a certified continuous design rated capacity of 1,600 tpd. The SCA proposes to increase the continuous design rated capacity by adding a 600 tpd mass-burn unit. Natural gas fired auxiliary burners are used when an inadequate amount of heat is available from the mass burn units.

On August 2, 2006, the Administrative Law Judge issued a Recommended Order finding the RRF site to be in compliance with the local land use plans and zoning ordinances. The Administrative Law Judge also issued a Recommended Order recommending the Siting Board grant full and final certification to Hillsborough County.

(See Attachment 2, Pages 1-193)

RECOMMEND APPROVAL