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**DIVISION OF AIR  
RESOURCE MANAGEMENT**

# 1030 117-008-AL

November 15, 2011

Mr. Jeff Koerner  
Program Administrator  
Department of Environmental Protection  
Office of Permitting and Compliance  
2600 Blair Stone Road MS 5500  
Tallahassee, Florida 32399-2400

RE: Pinellas County – Waste to Energy Facility  
PSD-FL-011B and PSD-FL-098B

Dear Mr. Koerner:

On behalf of Pinellas County, I am submitting this letter to the Department of Environmental Protection (“Department” or “DEP”) to confirm and supplement the information that was provided to you during a recent telephone conversation. This letter is being sent to the Department for informational purposes only. The County wants to ensure that the Department is aware of the County’s on-going efforts to enhance the operation of the County’s Resource Recovery Facility (“Facility”) and thus minimize the Facility’s emissions.

The County has been working with the Facility operator (Veolia) to optimize the operation of the Facility and its air pollution control systems. Among other things, Veolia hired an expert consultant to model the Facility’s spray dryer absorbers (“SDA”). The consultant concluded that the performance of the SDAs would be improved by the installation of additional blockage on the upper and lower chevrons of the inlet transition vanes (baffles) inside the SDA to promote better circulation and mixing of the flue gas and the lime slurry that is injected in the SDA. Veolia will perform this work in each SDA during boiler outages, when Veolia conducts its routine maintenance work on the Facility. The work on the Unit 2 SDA is already underway and the work on the vanes in Units 1 and 3 will be performed in the near future. These activities are expected to reduce the Facility’s emissions of MWC acid gases, including SO<sub>2</sub>.

PLEASE ADDRESS REPLY TO:  
3095 - 114th Avenue North  
St. Petersburg, Florida 33716  
Phone: (727) 464-7500  
FAX: (727) 464-7713  
Website: [www.pinellascounty.org](http://www.pinellascounty.org)



Mr. Jeff Koerner  
November 10, 2011  
Page 2

The County also intends to submit an application for a PSD modification concerning the Facility's SO<sub>2</sub> and CO emissions. It is anticipated that the application will be filed with the Department within the next two weeks.

Should you have any questions, please contact me at (727-464-7500).

Sincerely,



Robert J. Hauser, Jr., Director  
Division of Solid Waste  
Pinellas County Department of Environment and Infrastructure

CC: Kelsi Oswald, DEI, Solid Waste  
David S. Dee, GBW