

## P.E. CERTIFICATION STATEMENT

### PERMITTEE

Pinellas County  
Department of Environmental and Infrastructure  
3095 114<sup>th</sup> Avenue North  
St. Petersburg, Florida 33716

Air Permit No. 1030117-009-AC (PSD-FL-420)  
Pinellas County Resource Recovery Facility  
Facility Improvement Projects  
BACT Emission Standards and Process Limits

### PROJECT DESCRIPTION

This draft PSD air construction permit package applies to a previous Facility Improvement Project, which authorized furnace tube, stoker grate and air preheater replacements and improvements to the air pollution control and monitoring systems on the three municipal waste combustors at the Pinellas County Resource Recovery Facility located at 3001 110<sup>th</sup> Avenue North in St. Petersburg, Florida.

This permit establishes a single maximum steam process rate limitation of 275,000 lb/hour/unit on a 4-hour basis and BACT limits for CO, SO<sub>2</sub>, MWC-acid gases and PM<sub>2.5</sub>. It authorizes additional facility improvements as needed to comply with these limits. The new permit replaces and supersedes the emission standards, including BACT determinations, and process limits in previous air construction Permit Nos. PSD-FL-011 (Units 1 and 2) and PSD-FL-098 (Unit 3) issued in 1979 and 1987 and subsequent modifications to those permits. It also removes a prohibition on burning sewage sludge so the applicant can request to use it at a future date.

Modeling was required for CO and SO<sub>2</sub>. The project will not cause or contribute to a violation of a National Ambient Air Quality Standard (NAAQS) or allowable increase (increment).

This project is subject to the general preconstruction review requirements in Rule 62-212.300, Florida Administrative Code (F.A.C.) and the preconstruction review requirements for major stationary sources specified in Rule 62-212.400 (PSD), F.A.C. The Department's full review of the project and rationale for issuing the draft permit is provided in the Technical Evaluation and Preliminary Determination.

*I HEREBY CERTIFY that the air pollution control engineering features described in the above referenced application and subject to the proposed permit conditions provide reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 62-4 and 62-204 through 62-297. However, I have not evaluated and I do not certify any other aspects of the proposal (including, but not limited to, the electrical, civil, mechanical, structural, hydrological, geological, and meteorological features).*

  
A. A. Linero, P.E. Date 8/22/2012  
Registration Number 260326082

