

## Pinellas County Resource Recovery Facility Capital Replacement Project

### Donald J. Castro, P.E.

Vice President

HDR Engineering, Inc.

2202 North West Shore Blvd., Suite 250

Tampa, Florida 33607-5755

Telephone: 813.282.2404

Fax: 813.282.2440

E-mail: [dcastro@hdrinc.com](mailto:dcastro@hdrinc.com)

### R. Peter Stasis, P.E.

Director of Engineering

Pinellas County Utilities

14 South Ft. Harrison, 5<sup>th</sup> Floor

Clearwater, Florida 34616

Telephone: 727.464.3519

FAX: 727.464.3595

E-mail: [rstasis@co.pinellas.fl.us](mailto:rstasis@co.pinellas.fl.us)

### ABSTRACT

Pinellas County has completed the first two phases of a four-phase project intended to preserve the life of the Pinellas County Resource Recovery Facility (PCRRF) for years to come. This project, called the Capital Replacement Project (CRP), is designed to restore key portions of the County's investment, and prepare the facility for a smooth transition to a new operating contract when the current term expires in 2007. By the end of 2004, with the scheduled completion of the CRP project, key plant systems and components are expected to be in robust condition and capable of many years of additional service.

### INTRODUCTION

The key elements of the CRP were outlined in a paper presented at the 9<sup>th</sup> Annual North American Waste-to-Energy Conference in 2001<sup>1</sup>, and published in the proceedings thereof. The PCRRF is owned by Pinellas County, and operated by Wheelabrator Pinellas Inc. (WPI) under a management agreement originally scheduled to expire in 2003. With the negotiation of mutually beneficial terms in the Agreement between Pinellas County and WPI for performing the CRP project, the operating contract has been extended to 2007. The key elements of the CRP project are:

- Boiler Refurbishment
- Refuse Crane Rebuilds
- Cooling Tower Refurbishment
- Tipping Floor Expansion
- Instrumentation and Controls Upgrades

This paper will describe each of these projects and work completed to date (February 2002).

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<sup>1</sup> Stasis, R.P., Henson, R.E. and Larson, R.D., "Pinellas County Resource Recovery Facility Capital Replacement Project – Securing a Retrofit Investment – A Capital Replacement Initiative", Proceedings from the 9<sup>th</sup> Annual North American Waste-to-Energy Conference, Miami, FL, May 5-9, 2001, Published by the American Society of Mechanical Engineers.