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RECEIVED

MAY 26 2009

May 22, 2009

BUREAU OF AIR REGULATION

Mr. Jeffery F. Koerner, Administrator  
 Florida Department of Environmental Protection  
 New Source Review Section  
 Bob Martinez Center  
 2600 Blair Stone Road  
 Tallahassee, Florida 32399-2400

Subject: Additional Data Collection for Wet Dust Collection System  
 Hillsborough County Resource Recovery Facility  
 Minor Modification - Project No. 0570261-010-AC (PSD-FL-369B)

Dear Mr. Koerner:

On behalf of Hillsborough County Solid Waste Management Department, this letter is to notify the Florida Department of Environmental Protection (FDEP) that emissions data will be collected on June 9, 2009 at the Hillsborough County Resource Recovery Facility. CDM has subcontracted a third party testing firm to collect and analyze the air samples at the inlet of the existing ash residue building baghouse as shown below.

As discussed in the email, dated April 24, 2009, the data from the test will be used to determine the inlet dust loading and actual particle size distribution. The equipment vendor will be able to provide a nominal collection efficiency of the wet dust collector based on the actual particle size distribution. The annual air emissions rate will be then calculated using the nominal collection efficiency and inlet dust loading. This process will ensure that reasonable assurance has been made for meeting the permit requirements.

Testing Matrix Summary					
Day	Test Method	Location	Tests	Duration	Analysis/Approach
1	USEPA Methods 5	Existing Ash Residue Building Baghouse Inlet	1	120 min	Total PM Mass – determine inlet concentration and dust loading
1	Electron Microscopy	Existing Ash Residue Building Baghouse Inlet	1	120 min	Particle Size Distribution – determine nominal collection efficiency of wet duct collector



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Please contact Robert Velasco or myself at (813) 281-2900, if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "William R. Crellin, Jr., PE".

William R. Crellin, P.E.  
Project Manager  
Camp Dresser & McKee Inc.

cc: Barry Boldissar - Hillsborough County Solid Waste Management Dept.  
Tom Smith - Hillsborough County Solid Waste Management Dept.  
Glenn Hoag-Covanta Hillsborough  
Jason Gorrie P.E.-Covanta Hillsborough  
Cindy Zhang-Torres P.E.-FDEP Southwest District  
Diana Lee-EPC/HC  
Dan Strobridge-CDM  
File