



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

April 30, 2009

Electronic Mail – Received Receipt Requested

Barry M. Boldissar
CDM
1715 North Westshore Boulevard, Suite 875
Tampa, FL 33607

Re: **Request for Additional Information**
Project No. 0570261-010-AC (PSD-FL-369B)
Hillsborough County Resource Recovery Facility
Wet Dust Collection System

Dear Mr. Boldissar:

On March 31, 2009, the Department of Environmental Protection (Department) received your written response to our request for additional information (RAI) that was dated March 2, 2009. After review of your response, the Department has determined that the data submitted to support the emission rates is insufficient. In order to continue processing your application, please provide the additional information requested below. Should your response to any of the requested items require new calculations, please submit the new calculations, assumptions, reference material and appropriate revised pages of the application form.

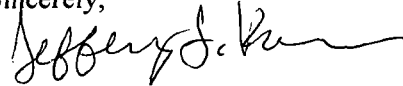
1. Based on our discussions and emails, the vendor for the Whirl Wet system is unable to provide any emission test data to support your emission estimate of 0.001 grains/dscf for PM. Therefore, CDM is proposing to conduct a particle size test by collecting air samples at the inlet of the existing baghouse to characterize the actual inlet dust loading to the proposed Whirl Wet system. In addition, the particle size distribution will be determined to verify the nominal collection efficiency of the proposed system. CDM proposes to do one test run (120 minute duration) using USEPA Method 5 on the inlet of the existing baghouse unit. The proposed analysis will determine the total particulate matter (PM) concentration and dust loading combined with the particle size distribution at the inlet of the existing baghouse. Please provide the test data for PM/PM₁₀ to give reasonable assurance of the expected low emission rates.

The above information is requested pursuant to the following F.A.C. regulations: Rule 62-4.050 (Procedures to Obtain Permits and Other Authorizations; Applications); 62-4.055 (Permit Processing); 62-4.070 (Standards for Issuing or Denying Permits; Issuance; Denial); 62-4.120 (Construction Permits); 62-204.800 (Federal Regulations Adopted by Reference); 62-212.300 (Permits Required); 62-210.370 (Emissions Computations and Reporting); 62-210.900 (Forms and Instructions); 62-212.300 (General Preconstruction Review); and 62-212.400 (Preventions of Significant Deterioration). All applications for a Department permit must be certified by a professional engineer registered in the State of Florida pursuant to Rule 62-4.050(3), F.A.C. This requirement also applies to responses to Department requests for additional information of an engineering nature. For any material changes to the application, please include a new certification statement by the authorized representative or responsible official.

REQUEST FOR ADDITIONAL INFORMATION

We will resume processing your application after receipt of the requested information. You are reminded that Rule 62-4.055(1), F.A.C. requires applicants to respond to requests for information within 90 days or to provide a written request for an additional period of time to submit the information. If you have any questions regarding this matter, please contact the project engineer, Tammy McWade, at 850/488-1906 or Jeff Koerner.

Sincerely,



Jeffery F. Koerner, Administrator
New Source Review Section
850/921-9536

This letter was sent to the following people by electronic mail with received receipt requested.

Mr. Barry M. Boldissar, Hillsborough County DSWM (boldissarb@Hillsboroughcounty.org)
Mr. Glenn Hoag, Covanta Hillsborough, Inc. (ghoag@covantaenergy.com)
Mr. Jason Gorrie, CDM (gorriejm@cdm.com)
Mr. William Crellin, Jr., CDM (crellinwr@cdm.com)
Mr. Robert A. Velasco, P.E., BCEE, CDM (velascora@cdm.com)
Ms. Cindy Zhang-Torres, DEP Southwest District Office (Cindy.Zhang-Torres@dep.state.fl.us)
Ms. Dianna Lee, Hillsborough County EPC (lee@epchc.org)
Mr. Mike Halpin, DEP Siting Office (mike.halpin@dep.state.fl.us)
Ms. Kathleen Forney, EPA Region 4 (forney.kathleen@epa.gov)
Ms. Heather Abrams, EPA Region 4 (abrams.heather@epa.gov)
Ms. Vickie Gibson, DEP BAR Reading File (victoria.gibson@dep.state.fl.us)

JFK/ttm

Livingston, Sylvia

From: Livingston, Sylvia
Sent: Thursday, April 30, 2009 4:14 PM
To: 'boldissarb@hillsboroughcounty.org'
Cc: 'garriejm@cdm.com'; 'ghoag@covantaenergy.com'; 'crellinwr@cdm.com'; 'velascora@cdm.com'; Zhang-Torres; 'lee@epchc.org'; Halpin, Mike; 'forney.kathleen@epa.gov'; 'abrams.heather@epamail.epa.gov'; Gibson, Victoria; Koerner, Jeff; Walker, Elizabeth (AIR)
Subject: RAI - Hillsborough County Resource Recovery Facility (0570261-010-AC/ PSD-FL-369B)
Attachments: RAI 0570261-010-AC_043009.pdf

Dear Sir/Madam:

Please send a "reply" message verifying receipt of the attached document(s); this may be done by selecting "Reply" on the menu bar of your e-mail software, *noting that you can view the documents*, and then selecting "Send". We must receive verification of receipt and your reply will preclude subsequent e-mail transmissions to verify receipt of the document(s).

The document(s) may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible.

The document is in Adobe Portable Document Format (pdf). Adobe Acrobat Reader can be downloaded for free at the following internet site: <http://www.adobe.com/products/acrobat/readstep.html> .

The Bureau of Air Regulation is issuing electronic documents for permits, notices and other correspondence in lieu of hard copies through the United States Postal System, to provide greater service to the applicant and the engineering community. Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record.

Thank you,

Sylvia Livingston
Bureau of Air Regulation
Division of Air Resource Management (DARM)
850/921-9506
sylvia.livingston@dep.state.fl.us

Livingston, Sylvia

From: Boldissar, Barry [BoldissarB@HillsboroughCounty.ORG]
Sent: Tuesday, May 12, 2009 11:02 AM
To: Livingston, Sylvia
Cc: Smith, Thomas; Pruneda, Crystal
Subject: RE: RAI - Hillsborough County Resource Recovery Facility (0570261-010-AC/ PSD-FL-369B)

I got it.

From: Livingston, Sylvia [mailto:Sylvia.Livingston@dep.state.fl.us]
Sent: Tuesday, May 12, 2009 9:22 AM
To: boldissarb@hillsboroughcounty.org
Subject: FW: RAI - Hillsborough County Resource Recovery Facility (0570261-010-AC/ PSD-FL-369B)

Mr. Boldissar,

We have not received confirmation that you were able to access the documents attached to this April 30th e-mail. Please confirm receipt by opening the attachment and sending a reply to me.

The Division of Air Resource Management is sending electronic versions of these documents rather than sending them Return Receipt Requested via the US Postal service. Your "receipt confirmation" reply serves the same purpose as tracking the receipt of the signed "Return Receipt" card from the US Postal Service. Please let me know if you have any questions.

Sylvia Livingston
Bureau of Air Regulation
Division of Air Resource Management (DARM)
850/921-9506
sylvia.livingston@dep.state.fl.us

The Department of Environmental Protection values your feedback as a customer. DEP Secretary Michael W. Sole is committed to continuously assessing and improving the level and quality of services provided to you. Please take a few minutes to comment on the quality of service you received. Simply click on [this link to the DEP Customer Survey](#). Thank you in advance for completing the survey.

From: Livingston, Sylvia
Sent: Thursday, April 30, 2009 4:14 PM
To: 'boldissarb@hillsboroughcounty.org'
Cc: 'garriejm@cdm.com'; 'ghoag@covantaenergy.com'; 'crellinwr@cdm.com'; 'velascora@cdm.com'; Zhang-Torres; 'lee@epchc.org'; Halpin, Mike; 'forney.kathleen@epa.gov'; 'abrams.heather@epamail.epa.gov'; Gibson, Victoria; Koerner, Jeff; Walker, Elizabeth (AIR)
Subject: RAI - Hillsborough County Resource Recovery Facility (0570261-010-AC/ PSD-FL-369B)

Dear Sir/Madam:

Please send a "reply" message verifying receipt of the attached document(s); this may be done by selecting "Reply" on the menu bar of your e-mail software, *noting that you can view the documents*, and then selecting

Livingston, Sylvania

From: Hoag, Glenn [GHoag@CovantaEnergy.com]
Sent: Thursday, April 30, 2009 6:43 PM
To: Livingston, Sylvania
Subject: RE: RAI - Hillsborough County Resource Recovery Facility (0570261-010-AC/ PSD-FL-369B)

Received
Glenn Hoag

From: Livingston, Sylvania [mailto:Sylvia.Livingston@dep.state.fl.us]
Sent: Thursday, April 30, 2009 4:14 PM
To: boldissarb@hillsboroughcounty.org
Cc: garriejm@cdm.com; Hoag, Glenn; crellinwr@cdm.com; velascora@cdm.com; Zhang-Torres; lee@epchc.org; Halpin, Mike; forney.kathleen@epa.gov; abrams.heather@epamail.epa.gov; Gibson, Victoria; Koerner, Jeff; Walker, Elizabeth (AIR)
Subject: RAI - Hillsborough County Resource Recovery Facility (0570261-010-AC/ PSD-FL-369B)

Dear Sir/Madam:

Please send a "reply" message verifying receipt of the attached document(s); this may be done by selecting "Reply" on the menu bar of your e-mail software, *noting that you can view the documents*, and then selecting "Send". We must receive verification of receipt and your reply will preclude subsequent e-mail transmissions to verify receipt of the document(s).

The document(s) may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible.

The document is in Adobe Portable Document Format (pdf). Adobe Acrobat Reader can be downloaded for free at the following internet site: <<http://www.adobe.com/products/acrobat/readstep.html>> .

The Bureau of Air Regulation is issuing electronic documents for permits, notices and other correspondence in lieu of hard copies through the United States Postal System, to provide greater service to the applicant and the engineering community. Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record.

Thank you,

Sylvia Livingston
Bureau of Air Regulation
Division of Air Resource Management (DARM)
850/921-9506
sylvia.livingston@dep.state.fl.us

The Department of Environmental Protection values your feedback as a customer. DEP Secretary Michael W. Sole is committed to continuously assessing and improving the level and quality of services provided to you. Please take a few minutes to comment on the quality of service you received. Simply click on [this link to the DEP Customer Survey](#). Thank you in advance for completing the survey.

Livingston, Sylvia

From: Velasco, Robert [VelascoRA@cdm.com]
Sent: Thursday, April 30, 2009 4:34 PM
To: Livingston, Sylvia
Subject: RE: RAI - Hillsborough County Resource Recovery Facility (0570261-010-AC/ PSD-FL-369B)

This email was received by RA Velasco on April 30, 2009.

Best Regards,

Robert A. Velasco P.E. BCEE

Project Manager

CDM

1715 North Westshore Blvd., Suite 875

Tampa, Florida 33607

Tel: (813) 281-2900

Tel: (813) 262-8868 (direct)

Fax: (813) 288-8787

VelascoRA@cdm.com

From: Livingston, Sylvia [mailto:Sylvia.Livingston@dep.state.fl.us]

Sent: Thursday, April 30, 2009 4:14 PM

To: boldissarb@hillsboroughcounty.org

Cc: garriejm@cdm.com; ghoag@covantaenergy.com; Crellin, William; Velasco, Robert; Zhang-Torres; lee@epchc.org; Halpin, Mike; forney.kathleen@epa.gov; abrams.heather@epamail.epa.gov; Gibson, Victoria; Koerner, Jeff; Walker, Elizabeth (AIR)

Subject: RAI - Hillsborough County Resource Recovery Facility (0570261-010-AC/ PSD-FL-369B)

Dear Sir/Madam:

Please send a "reply" message verifying receipt of the attached document(s); this may be done by selecting "Reply" on the menu bar of your e-mail software, *noting that you can view the documents*, and then selecting "Send". We must receive verification of receipt and your reply will preclude subsequent e-mail transmissions to verify receipt of the document(s).

The document(s) may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible.

The document is in Adobe Portable Document Format (pdf). Adobe Acrobat Reader can be downloaded for free at the following internet site: <http://www.adobe.com/products/acrobat/readstep.html> .

The Bureau of Air Regulation is issuing electronic documents for permits, notices and other correspondence in lieu of hard copies through the United States Postal System, to provide greater service to the applicant and the engineering community. Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record.

Thank you,

Sylvia Livingston
Bureau of Air Regulation
Division of Air Resource Management (DARM)