



FOUNTAINHEAD
ENGINEERING
LIMITED

December 7, 2000

Mr. Tony Cutrer
Manager
Stationary Source Permitting
Air Protection Branch
Environmental Protection Division
Georgia Department of Natural Resources
4244 International Parkway
Suite 120
Atlanta, Georgia 30354

**Re: Particulate Emission Test Data
Whitton Technologies S-127 Air Curtain Destructor**

Dear Mr. Cutrer:

On behalf of Whitton Technologies, Inc., Fountainhead Engineering, Ltd. (FOUNTAINHEAD) is submitting the following information regarding particulate emission test results for the Whitton Technologies S-127 Air Curtain Destructor (ACD). On October 10, 2000 and October 11, 2000 wood waste was combusted in a S-127 ACD in Clarkston, Michigan. Total particulate concentrations were measured by application of U.S. EPA Method 5 - Determination of Total Particulate Matter.

Throughout each of the three test runs the ACD was operated with a feed rate of 90 cubic yards of wood waste per hour. Based on field conditions using a wheel loader to load the ACD the density of the wood waste was approximately 440 pounds per cubic yard. Thus the hourly feed rate was approximately 39,600 pounds per hour.

The emission test results for particulates for each of the three runs were 3.08 pounds per hour, 1.54 pounds per hour, and 1.81 pounds per hour. This results in an average of 2.14 pounds per hour of particulates. Based on a feed rate of 39,600 pounds of wood per hour the particulate emission rate is 0.005 pounds of particulate per 100 pounds of combusted wood or charging rate.

The test data indicates that the S-127 ACD operates below the State of Georgia maximum allowable discharge rate of 0.2 pounds of particulate per 100 pounds of combusted wood or charge.

If you have any questions please contact Bruce Bawkon at (734) 663-0883.

Sincerely,
Fountainhead Engineering, Ltd.



Bruce Bawkon, P.E.
Michigan P.E. License No. 062-046436

Cc: Norbert Fuhrmann, Whitton Technologies