

## Attachment HH

DEC 12 2014

# Georgia Department of Natural Resources

Environmental Protection Division · Air Protection Branch

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Judson H. Turner, Director

## MEMORANDUM:

TO: Sean Taylor  
THROUGH: Ross Winne, Richard Taylor  
FROM: Jeff Babb  
SUBJECT: SOURCE TEST REPORT REVIEW

The following test has been reviewed and was conducted in an acceptable fashion for the purpose intended.

COMPANY NAME	Hazlehurst Wood Pellets, LLC
COMPANY LOCATION	Hazlehurst, GA
SOURCE TESTED	Pellet Cooler Baghouse S1B Exhaust
POLLUTANT DETERMINED	Volatile Organic Compounds
REPORT REVIEWED BY	Jeff Babb
TEST WITNESSED BY	Jeff Babb
DATE(S) OF TEST	August 28, 2014
DATE RECEIVED BY APB	October 27, 2014
MAXIMUM EXPECTED OPERATING CAPACITY	20 ODT/HR
OPERATING CAPACITY	21 ODT/HR
ALLOWABLE EMISSION RATE	249 Tons/Year
APPLICABLE REGULATION	Air Quality Permit No. 2499-161-0023-E-01-0, Condition 2.1
CONTROL EQUIPMENT AND MONITORING DATA	N/A

TEST RUN #	1	2	3	AVERAGE
POLLUTANT CONCENTRATION (PPM Carbon)	145.9	142.8	153.9	147.5
EMISSION RATE (LB/HR Carbon)	6.62	6.07	6.55	6.41
PERCENT ALLOWABLE (%)	19.2			

OTHER INFORMATION

ISMP calculated M25A emission rate = 7.8 LB/HR as Propane

Ref. No. 201401158 results for M25A VOC Propane = 3.0 LB/HR  
 Ref. No. 201401159 results for Formaldehyde = 0.01 LB/HR  
 Ref. No. 201401160 results for Methanol = 0.01 LB/HR  
 Ref. No. 201401161 results for Acetaldehyde = 0.02 LB/HR  
 Ref. No. 201401159 results for M25A VOC S1B = 7.8 LB/HR  
 Ref. No. 201401165 results for Formaldehyde = 0.01 LB/HR  
 Ref. No. 201401166 results for Methanol = 0.09 LB/HR  
 Ref. No. 201401167 results for Acetaldehyde = 0.06 LB/HR

At a production rate of 21.0 ODT/HR the OTR26 (NCASI WPP1) Total VOC emission rate = 10.9 LB/HR  
 On an ODT basis is 0.52 LB VOC/ODT.  
 Therefore the OTM 26 (WPP1) potential total annual VOC emission rate is 47.7 LB/Year or 19.2% of the allowable VOC emission rate of 249 TON/Year.

