

Attachment HH

Georgia Department of Natural Resources

Environmental Protection Division · Air Protection Branch

4244 International Parkway · Suite 120 · Atlanta · Georgia 30354

Telephone: 404/363-7000 · Fax: 404/363-7100

Judson H. Turner, Director

DEC 12 2014

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.

TEST REPORT TRANSMISSION SUMMARY
(Submit separate summary sheet for each pollutant test report)

Submit to:
Ross Winne, Program Manager
Industrial Source Monitoring Program
4244 International Parkway, Suite 120
Atlanta, GA 30354

ISMP Database <i>(Air Protection Branch use only)</i>
No. _____

Facility Name: **Hazlehurst Wood Pellets, LLC**

Facility Address: **430 Hullett Wooten Farms Road** **Hazlehurst** **GA** **31539**

Facility Contact: **Chris Tanner** Phone No. **(912) 551-9251 ext. 109**

PART A

Emission Point (one only): **S2B Pellet Cooler Baghouse Exhaust**

Pollutant (one only): **Total VOC** Date test performed: **12-16-15**

Applicable Rule(s), Regulation(s) or Permit Conditions: **Permit 2499-161-0023-V-02-0**
Condition 2.1.1 (249 tpy) PSD avoidance

Maximum expected operating capacity: **20 ODT/hr, output, 12% moisture**

Operating capacity during test: **20 ODT/hr, output, 12% moisture**

Computed allowable emission rate(s) or limitation(s): **None**

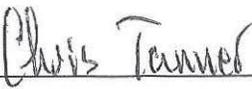
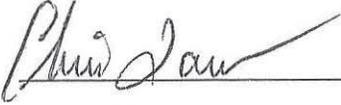
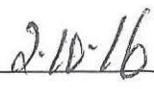
Reported emissions to atmosphere: **12.4 lb/hr (as propane)**

The test report should include a compilation of all CEMS data, control device parameters and process operating data related to the test. **No CEMS present. Control device parameters and process operating data are provided in Appendix D of test report.**

PART B

For any facility operating under a Part 70 Permit, Condition 8.8.3 of that permit requires the following certification should be signed by a responsible official and included with the report:

I certify that based on my information and belief formed after reasonable inquiry, the statements and information in this report are true, accurate, and complete.

			
NAME	SIGNATURE	TITLE	DATE