

**State of Georgia
Department of Natural Resources
Environmental Protection Division**

**Permit No.
2499-075-0028-E-01-0**

- c. The amount of wood, in tons, processed through the finished pellet silos (ID Nos. SILO1 – SILO16), combined.
- d. The amount of wet wood, in tons, burned in the burners (ID Nos. BUR5 and BUR6), combined. The Permittee shall convert the ton/month wet wood burned into the total heat input rate into BUR5 and BUR6, combined, in the unit of MMBtu/month with wet wood.
- e. The amount of dry wood, in tons, burned in the burners (ID Nos. BUR5 and BUR6), combined. The Permittee shall convert the ton/month dry wood burned into the total heat input rate into BUR5 and BUR6, combined, in the unit of MMBtu/month with dry wood.

7.17 The Permittee shall maintain the following monthly records. The records shall be retained in a permanent form suitable and available for inspection or submittal to the Division, upon request. These records shall be retained for at least five years following the day of record.
[391-3-1-.02(6)(b)(1)]

- a. The total hours per month that Sizing/Screening/Transport SST1 is in operation.
- b. The total hours per month that Sizing/Screening/Transport SST2 is in operation.
- c. The total hours per month that the fuel dust silo is in operation.
- d. The total hours per month that the three-hour rolling average RTO combustion zone temperature falls below the minimum combustion zone temperature set point established in accordance with Condition 6.14b. (1,500°F before any performance test is conducted).
- e. Total hours per month that the exhaust from BUR5, BUR6, DRY5, or DRY6 bypasses the regenerative thermal oxidizer (ID No. RTO).
- f. The total hours per month that either of Dryers DRY5 and DRY6 is in operation.

7.18 Upon the initial startup of Phase II, the Permittee shall calculate and record the amount of NO_x emissions from the entire facility in each calendar month, using the following equation:
[391-3-1-.02(6)(b)1.]

$$ER_{NO_x} = (EF_{NO_x/S1} * H_B) / 2,000$$

Where:

- ER_{NO_x} = Monthly NO_x emission rate from the entire facility, in tons per month.
- EF_{NO_x/S1} = NO_x emission factor for Stack S1, in lbs NO_x/MMBtu.
- H_B = Monthly combined heat input into BUR5 and BUR6, combined, determined and recorded in accordance with Conditions 7.16d. and e.
- 2,000 = Conversion Factor to Convert Pound into Ton.