

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

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

Page 29 of 43

The Permittee shall calculate Total PM emissions from the entire facility by using the following emission factor and the equation provided in this condition prior to initial performance tests. If any performance testing required in Conditions 6.3d.i. – d.iv. and 6.4 reveals emission factors higher than the emission factor listed below, the Permittee shall comply with Condition 6.7.

Table 7.12: Total PM Emission Factor That Should Be Used Before Any Test Results Are Available

Pollutant	Stack S1 (BIO Outlet)	Stack S3	Stack S4	Stack S5
		DRY1 – DRY4 / DWS1 & DWS2 / DHM1 & DHM2 / PM1 – PM16 / COOL1 & COOL2	SST1	SST2
Total PM	0.367 lb / ton wood	2.91 lbs/hr	2.91 lbs/hr	1.09 lbs/hr

The Permittee shall use the monthly records to calculate the facility-wide Total PM emissions during each calendar month. The Permittee shall notify the Division in writing if the facility-wide Total PM emissions exceed 20.75 tons during any calendar month. This notification shall be postmarked by the fifteenth day of the following month and shall include an explanation of how the Permittee intends to maintain compliance with the Total PM emission limitation in Condition 2.1.

7.12 The Permittee shall calculate and record the amount of HAP emissions from the entire facility in each calendar month, using the following equation:
[391-3-1-.02(6)(b)1.]

$$ER_{HAP} = [(EF_{HAP/S1} * W_{COOL}) + (EF_{HAP/SILO} * W_{SILO})] / 2,000$$

Where:

- ER_{HAP} = Monthly HAP emission rate from the entire facility, in tons per month.
- EF_{HAP/S1} = HAP emission factor for Stack S1, in lbs HAP/ton wood.
- W_{COOL} = Monthly throughput of COOL1 and COOL2, combined, determined and recorded in accordance with Condition 7.6b.
- EF_{HAP/SILO} = HAP emission factor for the SILO1 – SILO8, in lbs HAP/ton wood.
- W_{SILO} = Monthly throughput of SILO1 – SILO8, determined and recorded in accordance with Condition 7.6c.
- 2,000 = Conversion Factor to Convert Pound into Ton.

The Permittee shall calculate HAP emissions from the entire facility by using the following emission factor and the equation provided in this condition prior to initial performance tests. If any performance testing required in Conditions 6.3e.i. and 6.3e.ii and 6.4 reveals emission factors higher than the emission factor listed below, the Permittee shall comply with Condition 6.7.