

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

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

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Pollutant	Stack S1 (RTO Outlet)		Stack S2 (BIO Outlet)		No Stack ID	
	DRY5 & DRY6		DWS1 & DWS2 / DHM1 – DHM6 / PM1 – PM32 / COOL1 – COOL4		SILO1 – SILO16	
	Factor Name	Factor and Unit	Factor Name	Factor and Unit	Factor Name	Factor and Unit
(lb/ton wood)	DRE	98%				
Other HAPs (lb/ton wood)	EF _{HAP/DR}	0.190	EF _{HAP/S2}	0	EF _{HAP/SILO}	0
	DRE	98%				
Combined HAP (lb/ton wood)	EF _{HAP/DR}	0.579				
	After-Control*	0.0149	EF _{HAP/S2}	0.00337	EF _{HAP/SILO}	0.000340

* For combined HAP from Stack S1, the term “EF_{HAP/DR} * (1 - DRE)” is equal to 0.0149 lb/ton wood.

The Permittee shall use the monthly records to calculate the facility-wide HAP emissions during each calendar month. The Permittee shall notify the Division in writing if the facility-wide single HAP emissions exceed 0.83 ton or combined HAP emissions exceed 2.08 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 emission limitation in Condition 2.2.

7.23 Upon the initial startup of Phase II, the Permittee shall calculate and record the amount of arsenic (As) emissions from the entire facility in each calendar month, using the following equation:

[391-3-1-.02(6)(b)1.]

$$ER_{As} = (EF_{As/S1} * W_{DR})$$

Where:

- ER_{As} = Monthly As emission rate from the entire facility, in pounds per month.
- EF_{As/S1} = As emission factor for Stack S1, in lbs As/ton wood.
- W_{DR} = Monthly throughput of Dryers DRY5 and DRY6, combined, determined and recorded in accordance with Condition 7.16a.

The Permittee shall calculate As 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 6.9f.i. reveals emission factors higher than the emission factor listed below, the Permittee shall comply with Condition 6.13.