

CHAPTER 8: 111(D) DESIGNATED FACILITIES

Rule 19.801 Purpose

The purpose of this chapter is to establish rules for designated pollutants emitted from designated facilities in accordance with Section 111(d) of the Clean Air Act.

Rule 19.802 Permit Emissions Limitations

No person shall cause or permit emissions from equipment located at facilities described in this chapter to be exceeded. Future permit conditions may place more stringent emissions limitations on the equipment that shall supersede the limitations of this section.

Rule 19.803 [RESERVED]

Rule 19.804 Kraft Pulp Mills

- (A) Rule 19.804(B) and (C) and the total reduced sulfur emissions limitations contained in Table 19.8.1 are applicable to equipment located at the following kraft pulp mills:
- (1) Evergreen Packaging (AFIN 35-00016);
 - (2) Green Bay Packaging, Arkansas Kraft Division (AFIN 15-00001);
 - (3) Twin Rivers Pine Bluff, LLC (AFIN 35-00017);
 - (4) Georgia-Pacific Corporation (AFIN 02-00013);
 - (5) Domtar A.W. (AFIN 41-00002);
 - (6) Clearwater Paper Corporation (AFIN 21-00036).
- (B) The owner or operator of designated facilities listed in Table 19.8.1 shall test compliance with total reduced sulfur emissions limitations using EPA Method 16 at intervals of no longer than five (5) years following the previous compliance test. Data reduction shall be performed as set forth in 40 C.F.R. § 60.8. Compliance testing is not required for equipment with a total reduced sulfur continuous emissions monitor.
- (C) The owner or operator of any equipment located at the designated facilities specified under Rule 19.804(A) shall conduct total reduced sulfur continuous monitoring in

accordance with the requirements of 40 C.F.R. § 60.284 (date of installation notwithstanding). The continuous monitoring systems shall be operated according to the provisions of 40 C.F.R. § 60.284 by April 1, 1993, except that continuous emissions monitors for affected lime kilns shall be installed and certified by January 1, 1994.

Table 19.8.1 Kraft Pulp Mill TRS Emission Limits			
AFIN	Facility	Equipment	TRS Concentration (parts per million [ppm])
35-00016	Twin Rivers Pine Bluff, LLC	recovery furnace	Forty (40) parts per million
		lime kiln	Forty (40) parts per million
		smelt dissolving tank	0.0168 grams per kilogram
15-00001	Green Bay Packaging, Arkansas Kraft Division	recovery furnace	Forty (40) parts per million
		lime kiln	Forty (40) parts per million
		smelt dissolving tank	0.0168 grams per kilogram
35-00017	Mondi Pine Bluff	recovery furnace	One hundred (100) parts per million
		lime kiln	Forty (40) parts per million
		smelt dissolving tank	0.0168 grams per kilogram

02-00013	Georgia Pacific Corporation	recovery furnace	Five (5) parts per million
		lime kiln	Eight (8) parts per million
		smelt dissolving tank	0.0168 grams per kilogram
41-00002	Domtar A.W.	recovery furnace	Five (5)parts per million
		lime kiln	Eight (8) parts per million
		smelt dissolving tank	0.0168 grams per kilogram
21-00036	Clearwater Paper Corporation	recovery furnace	Five (5) parts per million
		lime kiln	Twenty (20) parts per million
		smelt dissolving tank	0.0168 grams per kilogram

Recovery Furnaces—measured as hydrogen sulfide on a dry basis and on a twelve-hour average, corrected to eight percent (8%) by volume oxygen.

Lime Kilns—measured as hydrogen sulfide on a dry basis and on a twelve-hour average, corrected to ten percent (10%) volume oxygen.

Smelt Dissolving Tanks—measured as grams hydrogen sulfide per kilogram black liquor solids on a twelve-hour average.

Digesters and Evaporators—efficient incineration of non-condensable gases (at least twelve hundred degrees Fahrenheit [1200°F] for at least one-half [0.5] of one [1] second).