

To D. J. Emery, H. E. Pawson.

Date August 4, 1971.

From M. E. Lane.

Ref.

Subject STACK FILTRATION TESTS CARRIED OUT IN JULY.

Sampling Date:

July 9th

July 23rd

Gas Temperature:

183° F

187° F

Gas Velocity:

13.34 Ft. /Sec.

12.69 Ft. /Sec.

Gas Volume:

49,945 c. f. m.

47,511 c. f. m.

Weight of Arsenic:)

2,145 Lbs. /Day

2,462 Lbs. /Day

Lost to Atmosphere:)

Arsenic in Roaster Feed:

31,380 Lbs.

32,320 Lbs.

Arsenic in Calcine:

1,980 Lbs.

1,900 Lbs.

Arsenic in Cottrell Dust:

640 Lbs.

680 Lbs.

Arsenic to Baghouse:

28,760 Lbs.

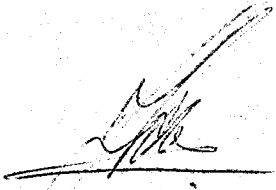
29,740 Lbs.

Baghouse Collection Efficiency: 92.54%

91.72%

Total Dust Collection Efficiency: 92.70%

91.91%


M. E. Lane,
Mill Engineer.

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