

MEMORANDUM

To R.J. McLeod; A.D. Coggan

Date February 13., 1968

From P. Slattery

Ref. PS/nw

Subject Arsenic Suppression - January 1968

	BEFORE TREATMENT		AFTER TREATMENT			AV. DAILY
	ppm As	lb As	ppm As	lb As	lb Lime	lb. As in Solution
Calcine Arsenic Wash Thickener Water (#7 O&F flow)			10.00	20.4	1480	20
Dust Treatment Residue						
- 4 Days Insufficient Lime	559.5	22.3	943.42	58.8	521	59
- 8th-19th using 100lb. of Soda Ash	362.5	12.1	31.12	1.92	630	2
- Remainder of month using 150 lb. Soda Ash	472.3	20.4	41.14	2.60	548	3
- Average For The Month	441.0	18.6	152.20	9.62	581	10
Sundry Sources						15
Mill Waste			6.86			45

Reduction in the soluble arsenic of dust treatment residue
by treatment in #5 Agitator in January.

	%As	%Sol As	Reduction
DTR	3.38	1.14	
#5	3.40	.64	56%

Average Tap Water Assay ppm As:

January 1968	.0087	Compare: January 1967	.055
December 1967	.014	December 1966	.039
November 1967	.016	November 1966	.038

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