

To W.A. Case; R.J. McLeod; File

Date September 28, 1967

From Mill

Ref. ADC/mw

Subject Arsenic Suppression

Arsenic in solution pumped to Tailings Dam.

January	-	446	lbs.	per	day
February	-	929	"	"	"
March	-	790	"	"	"
April	-	366	"	"	"
May	-	295	"	"	"
Average	-	<u>565</u>	"	"	"

Commenced treating Wash Thickener O'Flow

June	-	233	lbs.	per	day
July	-	172	"	"	"
August	-	200	"	"	"
Average		<u>202</u>	"	"	" = <u>64.3%</u> Reduction

September 5th commenced treating Dust Residue in #5 Thickener

Sept. 5 to 18

Average 344 = 39.1% Reduction

September 15th Commenced adding Soda Ash  
September 16-25

Average 99 = 82.4% Reduction

Considering #5 Agitator alone, treating Dust Residue.

Sept. 6 to 15, 45 lbs. As in feed per day, 49 lbs. As discharged.

Sept. 16 to 22, 73 lbs. As in feed per day, 3 lbs. As discharged.

Soda Ash dissolves more Arsenic from the dust, but a considerable improvement in precipitation results.

A.D. Coggan