

To, W.A. Case.

From, Mill.

28 Sept 67

Subject: Arsenic Suppression.

Arsenic in solution pumped to Tailings Dam.

Jan 1967	-	446	lbs per day
Feb	-	929	- - -
Mar	-	790	- - -
Apr	-	366	- - -
May	-	<u>295</u>	- - -
Average		<u>565</u>	- - -

Commenced treat Wash Thickener O'Flow.

June	-	233
July	-	172
August	-	<u>200</u>
Average		<u>202</u>

= 64.3 % Reduction.

Sept 5th commenced treating Dust Residue in #5 Thick.

Sept 5-15		
Average	<u>344</u>	= <u>39.1</u> % Reduction

Sept 15th commenced adding Soda Ash.

Sept 16-25		
Average	<u>99</u>	= <u>32.4</u> % Reduction

Considering #5 Agitator alone, treating Dust Residue.

Sept 6-15	45 lbs As in Feed per day	44 lbs As ^{discharged.} dissolved.
Sept 16-22	73 - - - - -	3 - - - - -

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

[Signature]