

MEMORANDUM

To H.E. Dawson; R.J. Tucker;

Date August 27/75

From C.C. Glesen

Ref.

Subject Arsenic Suppression (Aug 22/75)

ABSTRACT: To establish if arsenic is being suppressed with the combining of Agitator #5 and Agitator #8.

PART I: To combine Ag. #5 plus Ag. #8 (treated) and to combine 30 lbs. CaO/ton of solution in respect to #5 Agitator.

	<u>ppm As</u>	
#5 Ag.	1600	
#8 Ag. (treated)	26.5	
#5 Ag. + #8 Ag.	75.0	- theoretical 119
+ 30 lbs. CaO	36.0	ppm As

PART II: To combine Ag #5 (treated) plus Ag #8 (treated)

	<u>ppm As</u>	
#5 Ag. (treated)	23.5	
#8 Ag. (treated)	13.0	
#5 Ag. + #8 Ag.	13.0	- theoretical 13
		ppm As

CONCLUSIONS:

The first part of the experiment shows some suppression but not enough if both streams are combined

Also fear of reversal in pond