

Public Health Engineering Division  
541 Federal Public Building  
Edmonton, Alberta

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Mr. J.A. Case  
Mine Manager  
Gibson Island Mine  
Invermay, B.C.  
N.W.T.

Thanks for your letter and the report by Ed Foster. I was wondering if it would be practicable to concentrate treatment on the Cottrell dust wash thickener overflow. I notice that it contains half the total arsenic, but only 5% of the total tonnage. I note also that the pH is 6.7, and in view of the fact that the water, if it is from the lake, does not contain acid buffer. I note that a 10,000 cu. ft. lagoon would provide 24 hr. contact time. Any surplus volume would be available for sludge storage.

Can you think it would be possible to provide a contact close to the mill to which the effluent could flow directly, and from which effluent could overflow to the

For your invitation to drop in next time I am in Invermay. I appreciate your ever-ready co-operation and courtesies to me at all times.

Truly,

J.W. Grainge, P. Eng.  
District Engineer

JWG