

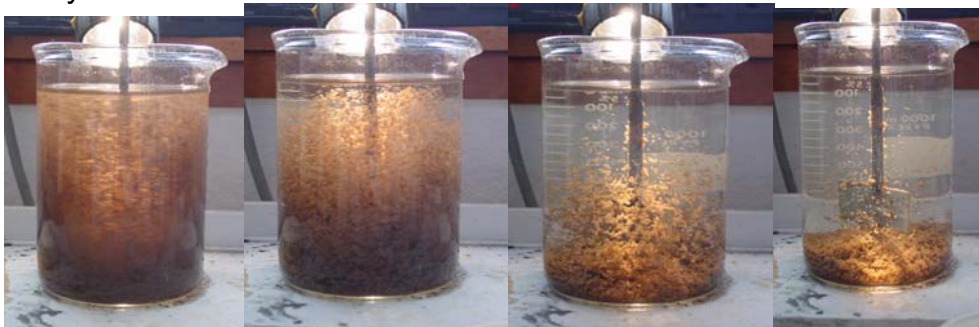


Potato Flume Water

This client transports potatoes from their receiving dock to the processing area of the plant in a water flume. This process removes the dirt from the fields. The pH was 6.3 and did not require pH adjustment. The sample was tested with I, H, and K and it was determined that the K was the best product for clarity, reduced dosage and floc size. The samples were treated with 0.13 grams of Floccin-I, H, K in a 100 ml jars. The dosage equates to a treatment of 10 lbs/1,000 gallons.



There was a settling test conducted to determine the settling rate and water clarity for clarification of this type of potato flume wastewater. The photos taken every 5 seconds are shown below:



Time = 0

5 Secs.

10 Secs.

15 Secs.

Analytical Results:	Untreated	Treated	% Change
BOD	200	140	30%
COD	2900	310	89.3%
TSS	5400	22	99.6%