



Grease Processing Facility

This facility takes in yellow and brown grease and processes it to recover the organics for biofuel. The resulting wastewater generated is shown below on the left. The pH quickly drops to 4.67 as the organics anaerobically decompose thereby dropping the pH.

Caustic was used to raise the pH to 6.4 and the addition of Floccin 909 produced the resulting jar as shown below right. The dosage of the Floccin 909 was 2 grams/liter or 17 lbs/1,000 gallons. If more Floccin 909 were used, the water would become cleaner.



Analyte	Untreated	Treated
BOD (ppm)	5,900	450
TSS (ppm)	4,200	225