



## Soy Milk Manufacturer

This facility manufacturer Soy based products to include Soy milk and other dairy substitute products. The facility generates wastewater from their manufacturing operations as well as sanitization. The treatment system includes flow equalization for the 80,000 gallons/day, pH adjustment, and dissolved air flotation. The facility is in compliance with the discharge limits, but still pays over \$25,000/month in surcharges for BOD and TSS.

Using the Floccin-J chemistry, tests were performed to see if the overall BOD and TSS could be reduced thereby saving money on monthly surcharges. The results are shown below:

Analyte	Untreated	Old Chemistry	Floccin J
Biological Oxygen Demand	7,200 ppm	6,400 ppm	5,800 ppm
Total Suspended Solids	2,300 ppm	345 ppm	57 ppm

