

BioRemove 3200

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BioRemove 3200 contains patented Microorganisms and enzymes, it is specially designed to degrade FOGs quickly and completely. It is also robust enough to thrive in a wide range of plants and applications.

Benefits

- Reduce Permit Violations
- Reduces FOG related surcharges
- Reduces FOG and foam removal costs
- Improves FOG degradation
- Reduces oil and grease related filamentous bulking
- Reduces time and effort needed to reduce FOG

Method

Vistec were asked by a large Potato Processor to carry out an augmentation programme to improve the performance of their bio-tower. Unfortunately the bio-tower is over 20 years old and although it performed well at times, it wasn't removing enough COD consistently. It was discovered that this was mainly down to a large build-up of Fats Oils and Greases because the tower kept blocking. This was having a detrimental effect on the activated sludge plant and final clarifiers and their total

solids were worryingly high in the final effluent. Our main aim was to stabilise the COD removal % in the bio-tower.



Process and Results

BioRemove 3200 is a green liquid, it has the same characteristics as washing up liquid. One huge benefit is it is extremely safe to use and if handled just requires a quick wash of the hands. We used this product in conjunction with BioRemove 4200 because it is also excellent at degrading FOGs. We dosed 500 litres of product over 6 weeks, you can see from the below graph how the performance of the bio-tower steadied during dosing (inside 2 dotted yellow lines), before and after it is extremely erratic.

