

New bioremediation product treats WWTP grease on site



Blixitt was used in the grease trap of the restaurant at the legendary Raffles Hotel, where the Singapore Sling was created in 1915.

A Brampton, Ontario, company has patented a new product, called Blixitt. These tablets are white, slightly thicker than a hockey puck, and give off a time-released combination of aerobic

bacteria, oxygen, nutrients, and buffers. They create oxygen bubbles, which are ten times smaller than with a machine aerator, and they penetrate through grease layers and solids, as well as increasing the total oxygen surface area.

Staff at a wastewater treatment facility in East Providence, Rhode Island, found Blixitt tablets to be a cost-effective solution to their maintenance of a grease collection pit.

Grease skimmed off the plant's primary tank is collected into a 7,000 gallon grease pit. Prior to using Blixitt tablets, the pit had to be pumped out ap-

plant's assistant superintendent wanted to see if they could help reduce maintenance of the grease pit at the East Providence plant. So, twice a week, six tablets were put into the pit and the contents were mixed with a portable compressor for 60 minutes to ensure proper blending. The next day, all free liquid in the pit was decanted and returned to the plant's primary tank.

After seeing positive results in the reduction of grease solids and odors, the plant's operators continued to use this process. During a 16 month time-frame, the grease pit was only pumped out

Prior to using Blixitt tablets, the pit had to be pumped out approximately four times per year, to keep it effective. A septage hauler would pump out the tank and transport the grease to another treatment facility.

proximately four times per year, to keep it effective. A septage hauler would pump out the tank and transport the grease to another treatment facility. The annual cost for this work was about \$17,000.00.

Another problem with the pit was that the large amount of grease degrading in it created noxious odors that led to complaints from nearby property owners.


After seeing how Blixitt tablets reduced hydrogen sulfide levels in a Barrington, Rhode Island, force main, the

once. However, this was not done because of grease build-up, but to remove plastic materials that were normally collected upstream.

By using Blixitt tablets to eliminate grease pumping, the East Providence wastewater treatment facility staff have cut their grease pit maintenance costs in half.


For more information, e-mail: info@blixitt.com

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