



Press Release

Green Turtle Soon to Unveil a Breakthrough in Under-Sink Wastewater Pretreatment

May 5, 2008. Green Turtle today announced their intention to introduce a new, high-performance, under-sink grease interceptor – the Retroceptor. This new effluent quality device is designed to achieve the grease removal performance required to decrease or eliminate grease-related sanitary sewer overflows (SSOs).

A recent Report to Congress on the Impact and Control of CSOs and SSOs states that the US experiences 23,000 to 75,000 SSO's releasing 3 to 10 billion gallons of untreated sewage into our environment every year. The report also finds that 58% of SSO's are caused by pipe blockages with 47% of these blockages caused by grease.

Clearly, conventional grease traps are not doing the job. The vast majority of installed grease traps are based on a design that hasn't changed since they were introduced in the 1930's. What *has* changed is the increased amount of fats, oil and grease (FOG) that the food services industry is releasing into the wastewater stream. The *other* critical change is the increased volume of wastewater that our sanitary sewer infrastructure is now being forced to deal with which often far exceeds what it was built to handle.

The foodservices industry has been waiting for a game-changer like the Retroceptor.

The wastewater's *residence time* within the device is the critical factor for free FOG removal. Recognizing this, Green Turtle's development team went to work optimizing residence time within the typical size and location constraints of a typical in-kitchen grease trap installation.

Their work resulted in the patent-pending Retroceptor design. Residence time is more than twice that of conventional grease traps of similar dimensions and flow rating. The end result is a compact in-kitchen system that delivers a dramatic improvement in free FOG removal.

Now businesses have a better chance of complying with stricter local regulations, and regulators have a compact grease control system designed and built to address today's pretreatment challenges.

With sanitary sewer overflows at an all-time high and municipalities rapidly enacting tougher wastewater regulations, the Retroceptor responds to the needs



of today's food industry. Retroceptor is an effective and affordable solution that reflects Green Turtle's reputation for engineering excellence.

The Retroceptor will be available for purchase later in 2008.

About Green Turtle

Green Turtle works with commercial, industrial and institutional customers to deliver innovative wastewater pretreatment solutions that meet local effluent requirements. Green Turtle provides systems that are flexible and easy to install and maintain, with industry-leading warranties.

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