

A NEW SPIN ON WASTEWATER IN THE DAIRY INDUSTRY

Swirltex provides a innovative technology that offers a superior wastewater treatment process that has the potential to significantly reduce wastewater costs in the dairy industry

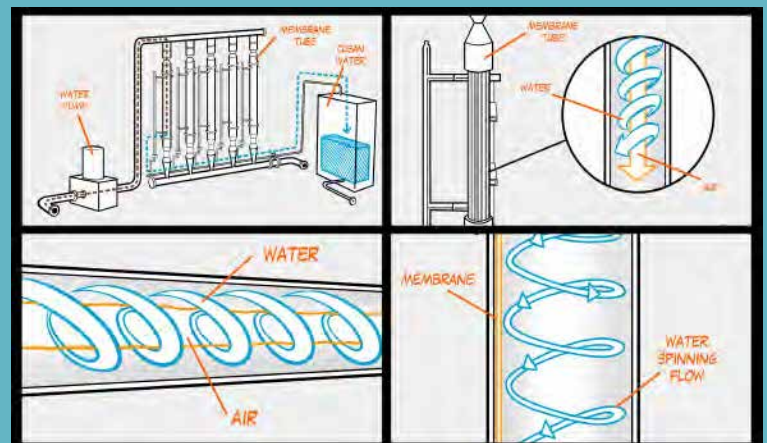
THE PROBLEM

Strong wastewater streams from dairy processes can lead to high disposal surcharges. By reducing the strength of the wastewater or even exploring reuse options and significantly reduce operational costs.

The Swirltex Benefits include

- Not effected by oils and grease
- Less maintenance
- Lower energy requirements
- Reduced operational costs

THE TECHNOLOGY



The Swirltex process can significantly increase membrane performance as well as reduce fouling and energy consumption through a novel innovation. Swirltex creates a centrifugal force in the membrane tube that draws buoyant containments like oils and grease away from the membrane wall.



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An innovative technology with the potential to dramatically improve dairy wastewater processing efficiencies

WASTEWATER SURCHARGES

- Wastewater can cost \$1 -\$7 per 1000 Liters
- Allow Swirltex to install a system and share the cost savings
- Wastewater from dairy operations contains 10-20x higher pollutant loading than domestic sewage

WE BUILD, OWN & OPERATE

Our proprietary technology is available via two paths:

1. Capital Sales: Swirltex designs, builds, installs, and commissions its systems directly within your facility.
2. As A Service: Swirltex builds modular treatment plants that can be plugged in on site for seasonal use.

THE SOLUTION

Swirltex plans to enable efficient wastewater treatment to reduce the water consumption in dairy through facilitating and promoting water re-use on all projects.

- Membrane filtration
- Removes suspended solids and oils (<5ppm)
- Consistent quality water fit for re-use
- Low maintenance system, low operational costs



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