

## THE MIKROFLOT STORY

Mikroflot Technologies began with the earlier work done by the founder in the 1990's for his doctorate thesis, consisting of modeling the collision and capture process of fine suspended micron-sized particles or droplets suspended in a liquid by rising gas bubbles of a similar size. These principles led to the development of a combination of patent pending microflotation technologies that could be harnessed to eliminate the high financial and environmental costs — and complexity — associated with onsite industrial wastewater treatment.

The Mikroflot Technologies solution is specifically targeted to the \$2.5 Billion (US only) market comprised of mid to small sized Dairy and Protein Processing, Industrial Laundries, Metal Working, O&G, Chemicals, Beverages/Brewing, and Transportation Facilities.

The company is currently finalizing its working prototypes and will complete field testing in target facility types over the next 12 months.

## THE MIKROFLOT STORY



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IF YOU WOULD LIKE TO  
BE ONE OF MIKROFLOT'S  
PRE-MARKETING FIELD  
TEST SITES, PLEASE CONTACT:

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## HOW MUCH MONEY ARE YOU FLUSHING DOWN THE SEWER?



**Revolutionary Low Energy Microflotation Removes  
Contaminants from Wastewater with Minimal or No Chemicals**

***Saves Money & The Environment***



## DON'T WASTE MONEY ON YOUR WASTEWATER



The typical medium-sized manufacturing or processing company spends up to \$300,000 per year on sewer surcharges.

Large producers of process water can justify expensive, high-maintenance equipment and dedicated, specialized on-site personnel.

However, until now there were no cost-effective or practical alternatives for smaller companies to avoid sewer surcharges.

Now with Mikroflot's patent pending system there is a low cost, trouble-free option to treat the wastewater stream.

## MIKROFLOT CHANGES THE GAME

### FOR THE CUSTOMER:

Saves money on sewer surcharges and operating expenses through the utilization of a capital-free modular retrofittable kit and web-based service model...while promoting environmental responsibility.

### FOR THE WASTEWATER SOLUTIONS PROVIDER:

A major business opportunity based on patented disruptive technology that differentiates the service offering, reduces cost of service, and opens up the massive potential market for mid-sized facilities that are not yet efficiently served.

### FOR THE COMMUNITY:

Superior environmental footprint with low energy use, minimal if any chemical, and less burden on wastewater treatment infrastructure.

### THE SYSTEM:

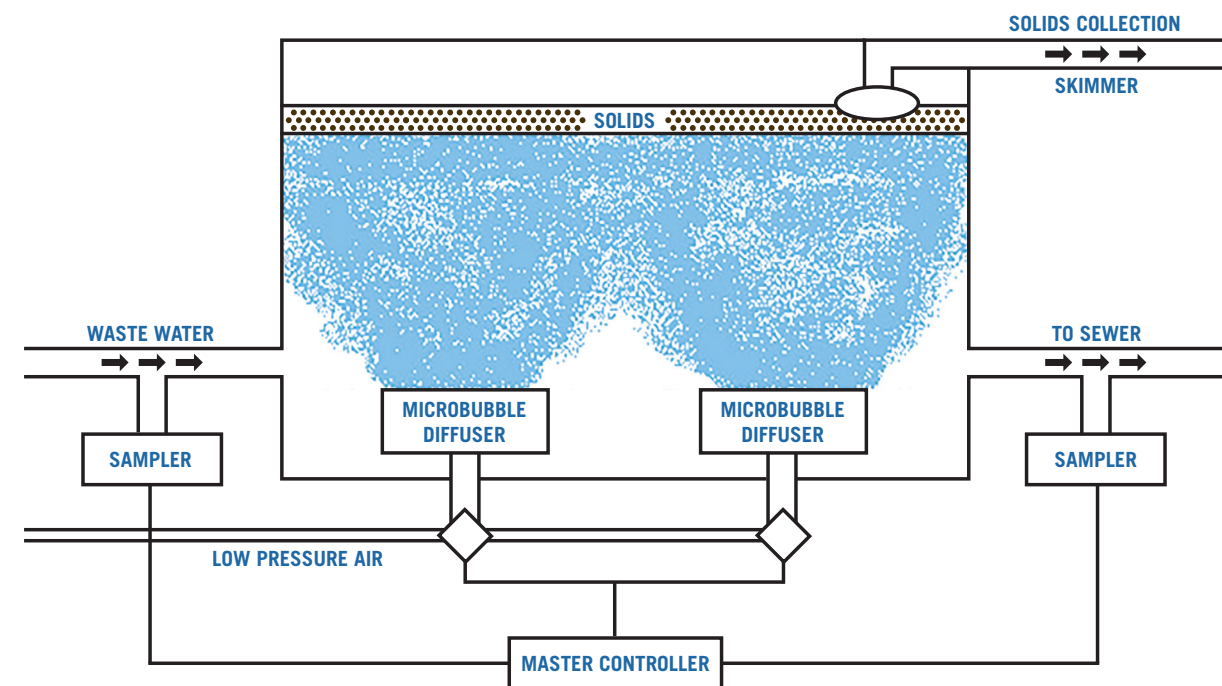
- Radically reduces or eliminates sewer surcharges.
- Simple, modular retrofittable kit with remote monitoring and connectivity.
- No capital outlay based on service subscription.
- Low energy and minimal-to-no chemical use means low operating expense.
- Superior environmental footprint.

## THE MIKROFLOT SYSTEM

Mikroflot's patent pending system uses microscopic, laminar-flow flotation to separate organic and other suspended particles from wastewater.

The Mikroflot solution is a modular, web-connected system based on low energy microflotation. It is retrofittable to existing tanks/basins, uses low pressure air and does not require chemicals. It reduces BOD, TSS, and oil/grease in wastewater below levels that trigger sewer surcharges.

Existing systems like Diffused Air Flotation and filtration require sizeable capital expenditures, and dictate using chemicals, energy, maintenance, and specialized operators.



## THE MIKROFLOT KIT CONSISTS OF:

- a submergible patent pending diffuser which connects to low pressure air supply
- a sensing system to monitor influent and effluent quality
- a control & data transmission system for remote monitoring & diagnostics
- a standard off-the-shelf skimmer

The customer subscribes to an annual service with pricing based on discounted sewer surcharge rate for lbs of BOD, TSS, O&G removed. The service includes technical visits, diffuser consumable replacements, and access to the web-based dashboard.

