

# BioMix™ Compressed Gas Mixing System

# SEPTAGE & GREASE

BioMix provides uniform mixing of tank contents by firing **programmed, short-duration bursts of compressed air through patented, engineered nozzles** located near the tank floor. The mixing parameters may be adjusted to optimize mixing and power utilization, either through operator input or automated process feedback



## KEY ADVANTAGES FOR MIXING SEPTAGE AND GREASE:



### Process Optimization:

- Vertical mixing regime that breaks the surface of the the liquid dissipating unemulsified fat, oil, and grease (FOG)
- Ability to develop a homogeneous mixture as opposed to simply stirring
- Variable mixing intensity capabilities based on changing depths and differences in substrate characteristics
- No low level limitations – ability to mix at any liquid depth



### Straightforward Operation:

- Non-clog, maintenance free performance
- No motors or electrical components in the tank requiring maintenance
- No rotating equipment or sharp edges, lowering risk of trash and debris collecting on equipment



### Energy Efficiency:

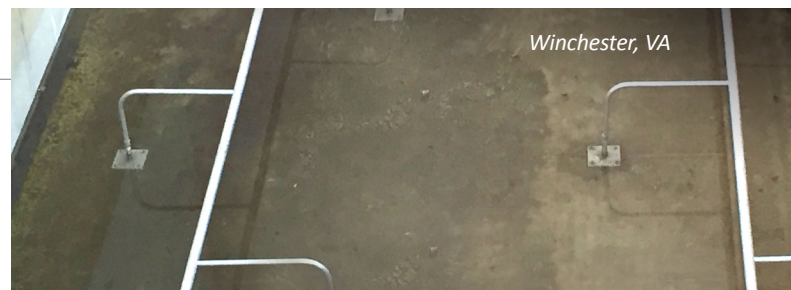
- Energy savings of 50% or greater over diffused air or mechanical mixing technologies

**BioMix Compressed Gas Mixing System is an ideal technology for managing high strength waste, food waste, septage, and grease because of its proven performance in the harshest environments.**

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**TO DISCUSS HOW BIOMIX CAN OPTIMIZE YOUR MIXING SOLUTIONS FOR SEPTAGE AND GREASE.**