



www.enviro-mix.com

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



Beckley, WV

KEY ADVANTAGES FOR MIXING SEPTAGE AND GREASE:



Process Optimization:

- Vertical mixing regime that breaks the surface of 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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Winchester, VA

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