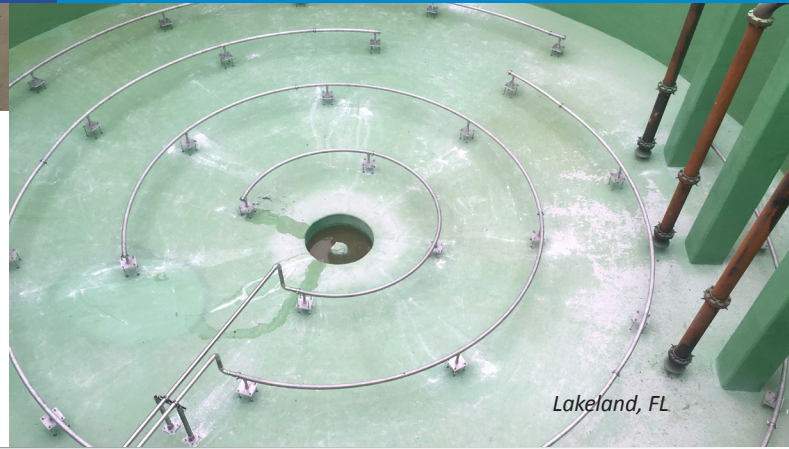


BioMix™ Compressed Gas Mixing System

SLUDGE TANKS

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.



Lakeland, FL

KEY ADVANTAGES FOR SLUDGE TANKS:



Energy Efficiency:

- Significant reduction in operating power

60%
ENERGY SAVINGS

Tank Dimensions	90' diameter, 27' side water depth	
Solids Concentration	4.50%	
Mixing Solution	Jet Mix System	BioMix System
Operating Power	55 BHP	22.4 BHP



Unparalleled Flexibility:

- Mixing suitable for concentrations up to 8% solids
- Integration with any tank geometry or configuration
- Circular header that conforms to the slope of the floor, eliminating "dead spots"
- Variable mixing intensity based on operating depth
- No low water level limitations — able to mix at any depth



Straightforward Operation:

- Non-clogging, self-cleaning components in tank
- No mechanical or electrical components in the sludge
- Zero wall penetrations, eliminating the risk of leaking



Benton, IL

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TO DISCUSS HOW BIOMIX CAN OPTIMIZE YOUR MIXING SOLUTIONS FOR SLUDGE TANKS.