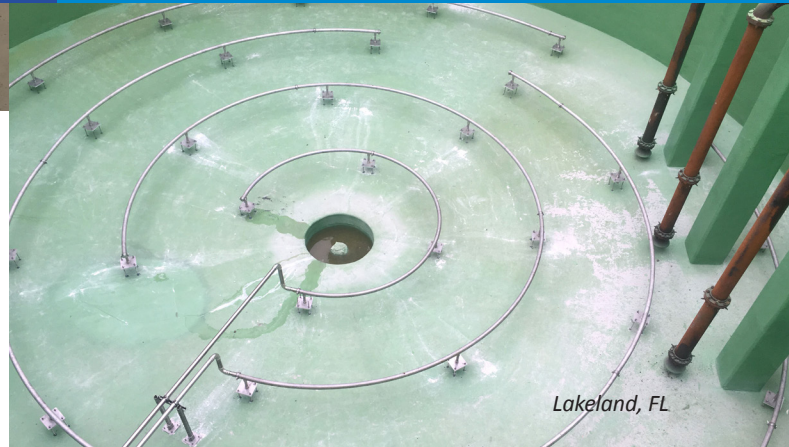


BioMix™ Compressed Gas Mixing System

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.



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



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