

# Odor Capping

Large Area

Laminar flow spreads radially from the machine and covers the entire pond.

No aerosols or bacteria are released into the air.

No odorous sulfide leaves the pond

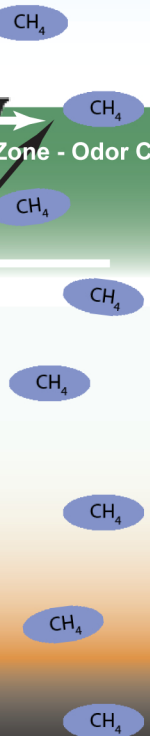
Odorless methane leaves the pond

Horizontal Mixing

Aerobic Zone - Odor Cap

Sulfides are converted to sulfate ( $\text{SO}_4$ ) as they pass through the oxygenated layer and no odors escape the pond.

Constant removal of surface film allows methane to escape the pond easier, leading to increased anaerobic digestion, reduction in sludge volume, and sludge densification.



Slurry

Anaerobic Zone - Sludge