

RNG & BIOGAS SYSTEM OPTIMIZATION

Improve Anaerobic Stability, Reduce Solids Accumulation, and Enhance Biological Performance in Digesters and High-Strength Wastewater Systems



COMMON CHALLENGES



Odors and hydrogen sulfide (H_2S) production



Solids accumulation and scum formation



Poor digester performance and low gas production



Process upsets from loading, pH, or temperature changes



Foaming and viscous conditions



Permit compliance and discharge limits



High operating costs and downtime

APPLICATIONS

- Anaerobic digesters (mesophilic and thermophilic)
- Covered lagoons
- Solid & liquid food waste systems
- Industrial wastewater digesters
- Manure and co-digestion systems
- Landfill leachate treatment
- RNG production facilities

HOW DRYLET HELPS

Drylet's patented porous carrier technology delivers high-performance microorganisms directly into anaerobic environments where biological activity is needed most. The protective microhabitat shields microbes from temperature swings, pH shifts, and toxic compounds, helping maintain a stable, active population.

In RNG and biogas systems, this targeted biological activity accelerates the breakdown of complex organics, increases volatile solids destruction, reduces odors and H_2S , prevents scum and crust formation, and improves overall gas production and quality—helping you run a more stable, efficient, and profitable operation.

Drylet supports lower operating costs, fewer upsets, and helps extend the life of your anaerobic infrastructure.



KEY BENEFITS

- ✓ Increases biogas and methane production
- ✓ Improves volatile solids destruction
- ✓ Reduces odors and H_2S
- ✓ Prevents scum, crust, and foaming
- ✓ Improves digester stability and resilience
- ✓ Handles shock loading and variable conditions
- ✓ Reduces sludge and solids accumulation
- ✓ Lowers operating costs and downtime
- ✓ No chemicals or enzymes
- ✓ Safe for the environment and aquatic life
- ✓ Non-pathogenic and non-GMO

WHY DRYLET?



Patented porous carrier technology



No harsh chemicals or enzymes



Proven biological performance



Supports long-term system stability

CONTACT

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