

MUNICIPAL WASTEWATER SYSTEM OPTIMIZATION

Improve Biological Stability, Reduce Sludge Accumulation, and Enhance Treatment Performance in Municipal Wastewater Systems



COMMON CHALLENGES



Odor complaints (H₂S and VOCs)



Sludge and solids accumulation



Effluent quality issues and permit violations



Seasonal and storm water loading changes



Permit compliance and discharge limits



High sludge hauling and disposal costs



Lift station and collection system issues



Aging infrastructure and operational constraints



APPLICATIONS

- Aeration basins (activated sludge)
- Oxidation ditches
- Municipal lagoons (facultative, aerated, and maturation)
- Digester and sludge stabilization systems
- Lift stations and wet wells
- Sludge holding tanks
- Rural and decentralized systems



HOW DRYLET HELPS

Drylet's patented porous carrier technology delivers high-performance microorganisms directly into the wastewater where biological activity is needed most. The protective microhabitat shields microbes from temperature swings, pH shifts, and toxic compounds, allowing them to remain active and effective.

In municipal wastewater systems, this targeted biological activity improves organic removal, enhances settling, reduces sludge and scum, controls odors, and increases system resilience—helping you achieve consistent performance and meet regulatory requirements.

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



KEY BENEFITS



Reduces odors including H₂S and VOCs



Improves BOD, COD, TSS, and ammonia removal



Reduces sludge accumulation and improves settling



Enhances biological stability and process resilience



Helps maintain compliance and avoid violations



Lowers sludge hauling and disposal costs



Improves system efficiency and capacity



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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