

BREWERIES WASTEWATER SYSTEM OPTIMIZATION

Improve Biological Performance, Reduce Solids and Fats Accumulation, and Enhance Treatment Efficiency in Brewery Wastewater Systems



COMMON CHALLENGES



High BOD, COD, TSS, and color



High organic loading from sugars and alcohols



Foaming and scum formation



Odors and hydrogen sulfide (H₂S) production



Permit compliance and discharge limits



High sludge hauling and disposal costs



pH and temperature fluctuations



Variable flows from batch operations



APPLICATIONS

- Aeration basins (activated sludge)
- Equalization and holding tanks
- Anaerobic lagoons and digesters
- DAF and primary clarification systems
- Sludge holding and storage tanks
- CIP and rinse water treatment
- Lift stations and collection systems
- Utility and process water reuse systems



HOW DRYLET HELPS

Drylet's patented porous carrier technology delivers high-performance microorganisms directly into brewery wastewater systems 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 brewery operations, this targeted biological activity accelerates the breakdown of sugars, proteins, and other complex organics, reduces solids and scum, controls odors and H₂S, improves settling, and enhances overall treatment performance—helping you meet discharge limits and operate more efficiently.

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



KEY BENEFITS



Reduces BOD, COD, TSS, and color



Reduces odors and H₂S



Prevents foam and scum formation



Improves settling and clarifier performance



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



www.drylet.com



solutions@drylet.com



(252) 210-4446

