

POULTRY PROCESSING WASTEWATER SYSTEM OPTIMIZATION

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



COMMON CHALLENGES



High BOD, COD, TSS, fats, oils, grease, and proteins



High organic loading from blood, tissue, fats, and feathers



FOG accumulation and solids buildup



Strong odors and hydrogen sulfide (H₂S) production



Peak load fluctuations from production cycles



Permit compliance and discharge limits



High sludge hauling and disposal costs



Temperature and pH fluctuations



Aging infrastructure and operational constraints



HOW DRYLET HELPS

Drylet's patented porous carrier technology delivers high-performance microorganisms directly into poultry processing 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 poultry operations, this targeted biological activity accelerates the breakdown of proteins, fats, and other complex organics, reduces solids and FOG, controls odors and H₂S, improves settling and clarifier performance, and enhances overall treatment efficiency—helping you meet discharge limits, reduce costs, and operate more reliably.

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



KEY BENEFITS

- ✓ Reduces BOD, COD, TSS, FOG, fats, and proteins
- ✓ 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

APPLICATIONS

- Aeration basins (activated sludge)
- SBR, MBR, and MBBR systems
- Equalization and holding tanks
- DAF and primary clarification systems
- Grease traps and lift stations
- Sludge holding and storage tanks
- Reuse and water conservation systems
- Utility and process water systems

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

