



Solving Slaughterhouse Wastewater. At Scale. In Real Time.

Mobile, High-Capacity Treatment
for the Most Challenging Effluents



WAAS for Slaughterhouses: Designed for Pressure

Our treatment systems are purpose-built to meet the slaughter industry's demands: high organic loads, fast-paced operations, and seasonal surges.



100% Water Reuse & Sludge Recovery

Enables full circular economy implementation..



No Biological Treatment Needed

Works even under extreme pathogen and BOD levels.



Zero Odor, Minimal Footprint

Operates silently in congested or sensitive areas..



Rapid High-Volume Processing

Treats thousands of m³/day with immediate reuse output



Mobile, Plug & Play Deployment

No infrastructure needed.
Ready in hours.



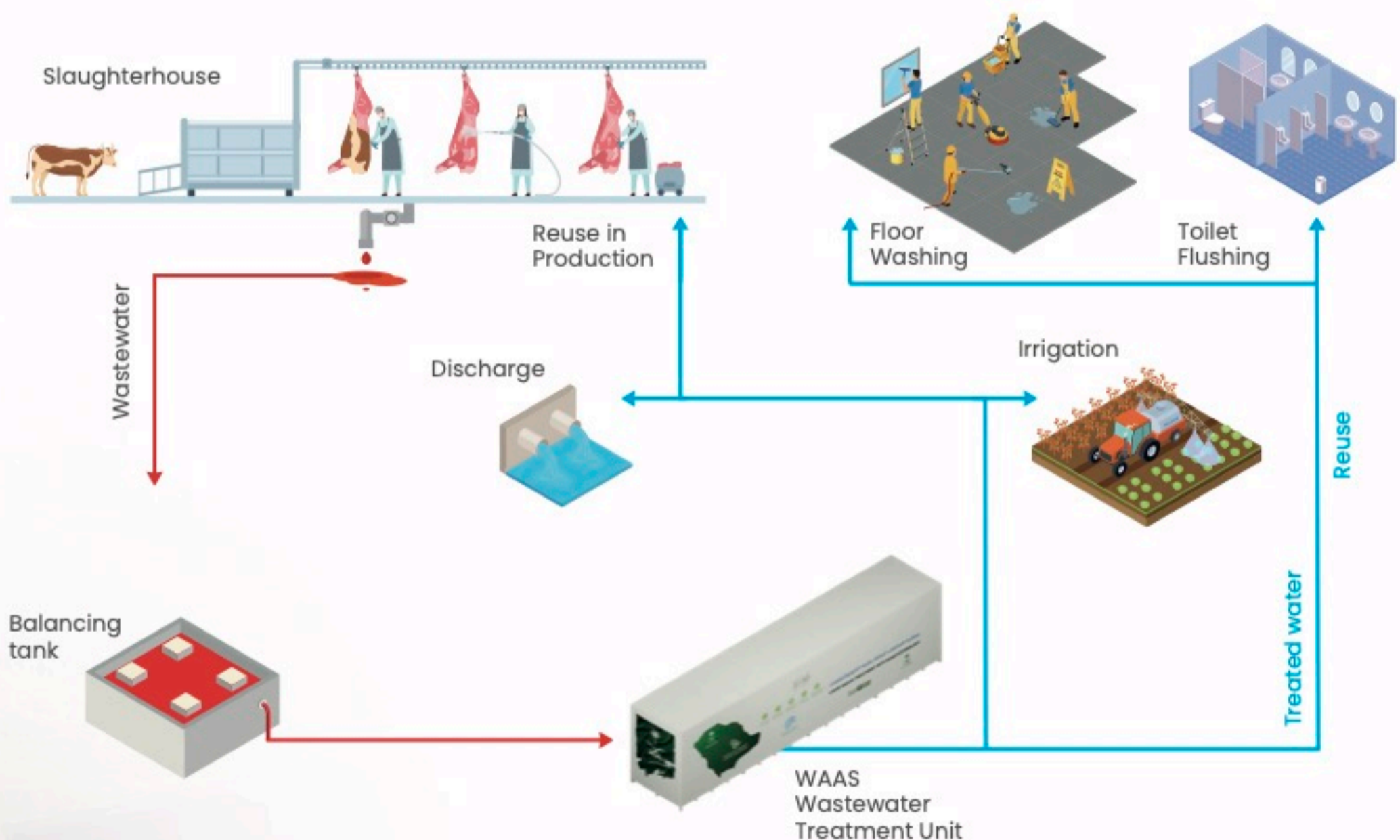
At the heart of every WAAS unit is G.NANO – a compact, high-efficiency technology that handles tough wastewater with ease. It combines precision chemistry and advanced filtration to deliver clean results, every time.



Makkah: 1 Million Sacrifices, Zero Wastewater Overflow

Slaughterhouses generate some of the most challenging wastewater: full of blood, fats, and harmful pathogens, especially during peak seasons. Traditional systems often fail to keep up. WAAS offers a powerful, mobile solution built for these exact conditions: high-load treatment, zero waste, and fast deployment with proven results even under extreme pressure.

During Hajj, the Al-Mu'aysam slaughterhouse must treat nearly 80,000 m³ of wastewater in under 4 days with zero discharge, no odors, and limited space. Ponds are banned. Time is tight. The stakes are high.



WAAS responded with multiple 40-foot mobile treatment units powered by

95%
COD
Removal

95%
TSS
Removal

90%
FOG
Removal

99.9%
Pathogens
Removal

Enabling 100% reuse for agriculture, with no evaporation ponds and zero pollution, and full alignment with Vision 2030.



Transform Slaughterhouse Wastewater from Risk to Resilience

WAAS is redefining what's possible in slaughterhouse wastewater treatment. When it comes to high-load, time-critical operations we've done it



Before



After