

Suspended Air® Flotation | Simple & Easy Wastewater Treatment

SAF® thickens waste-activated sludge efficiently, reducing energy, op/ex, and foaming while improving solids capture and digestion.

ROSEVILLE, CA, UNITED STATES,
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-- Suspended Air® Flotation Enhances
[Wastewater Treatment](#)



Heron Innovators introduces an innovative approach to wastewater treatment with its Suspended Air® Flotation (SAF®) technology. SAF® is an advanced solution that enhances sludge [thickening](#), mitigates foaming, and improves overall treatment efficiency.

“

...its ability to process the most challenging feedstock; enhancement of the digestion process and elimination of digester foaming; and high capacity & ease of operation, reducing operation needs.”

Harold Leverenz

Recent research highlights the effectiveness of SAF® in optimizing plant performance and promoting sustainability. The study "Thickening Activated Sludge with Suspended Air® Flotation (SAF®)" demonstrates how this updated, efficient, and sustainable process is transforming conventional treatment methods by reducing foaming and improving sludge thickening.

Real-World Impact

Case studies illustrate how SAF® has increased plant capacity, enhanced digestion efficiency, and streamlined

operations. Notably, SAF® has proven essential for managing challenging feedstocks, such as stored waste-activated sludge, while simultaneously reducing energy consumption and operational complexity.

Read "Thickening Activated Sludge with Suspended Air® Flotation (SAF®)" here:
<https://www.mdpi.com/2227-9717/13/2/348>

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