

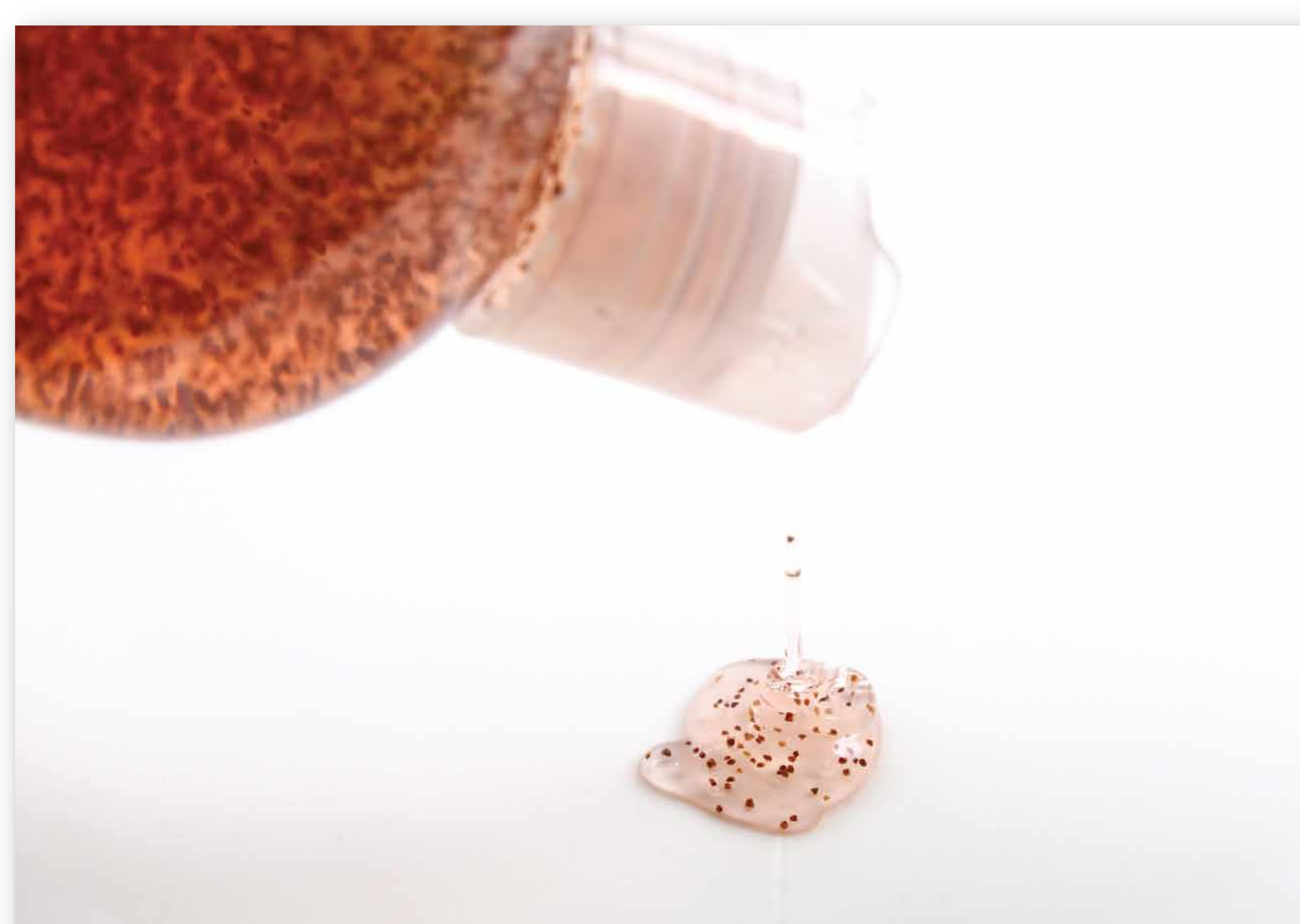


AQUA-AEROBIC SYSTEMS, INC.
A Metawater Company

OptiFiber®

Pile Cloth Media Filtration

INNOVATIVE APPLICATIONS



Microplastic Removal

- Water filtration to remove microplastic particles
- Full-scale performance removes 97% of microplastics from secondary effluent
- Ongoing research demonstrates 35% higher effluent quality compared to other technologies



Surface Water Filtration

- Filtering source water to meet 1 NTU for industrial process water
- Largest installation treats 40 MGD (28,000 gpm)
- Up to 90% less footprint compared to traditional sand filtration



Micropollutant Removal

- Effective filtration for full-scale pharmaceutical contaminant removal
- Cloth media filtration following powdered activated carbon (PAC) achieves < 2 mg/L TSS
- Full-scale installation in operation since 2015



Coal Pile Runoff

- Filtering coal fines from coal pile rain runoff
- Reduces turbidity from greater than 500 NTU to 4 NTU
- Demonstrated pilot and full-scale performance since 2015

www.aqua-aerobic.com