



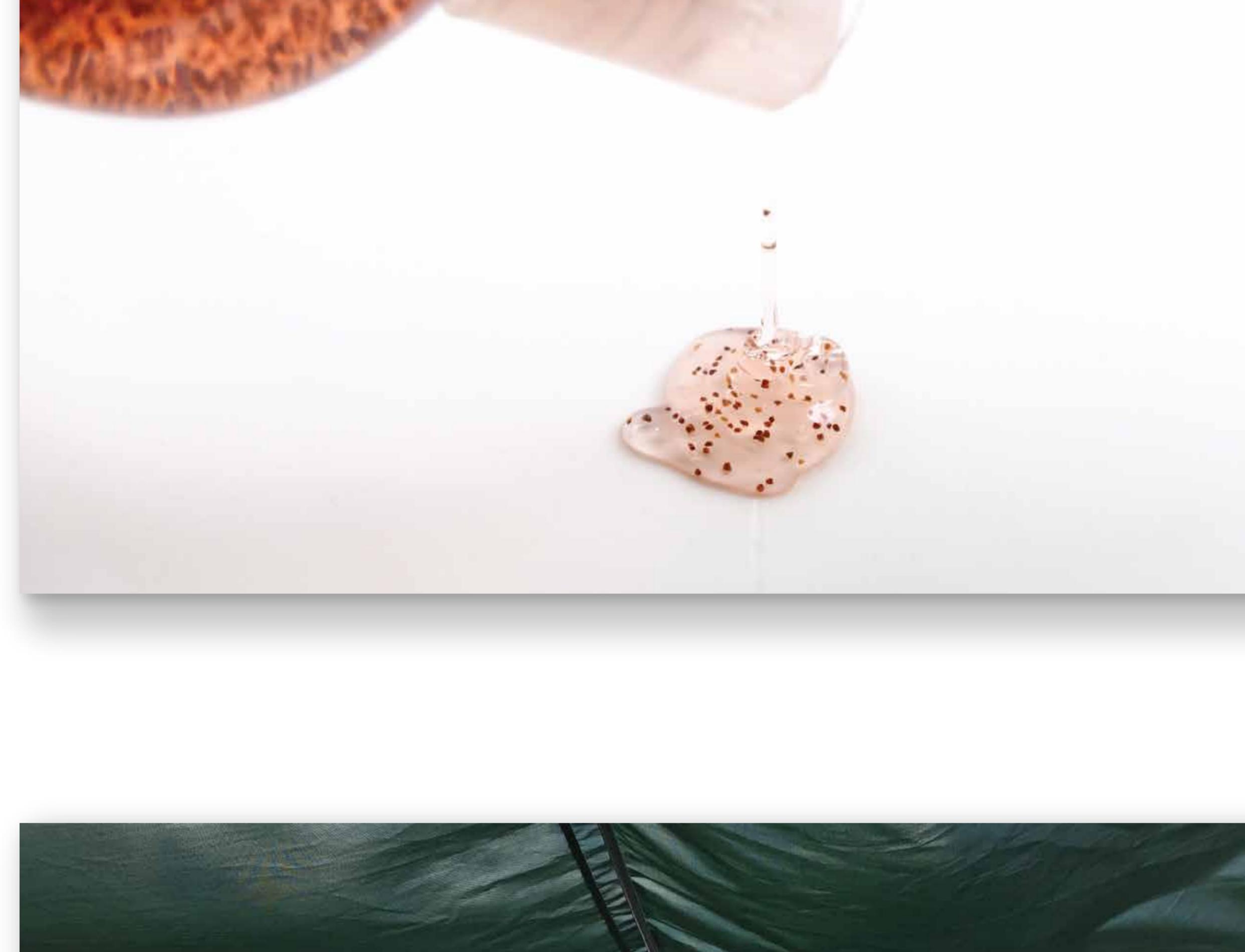
AQUA-AEROBIC SYSTEMS, INC.

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