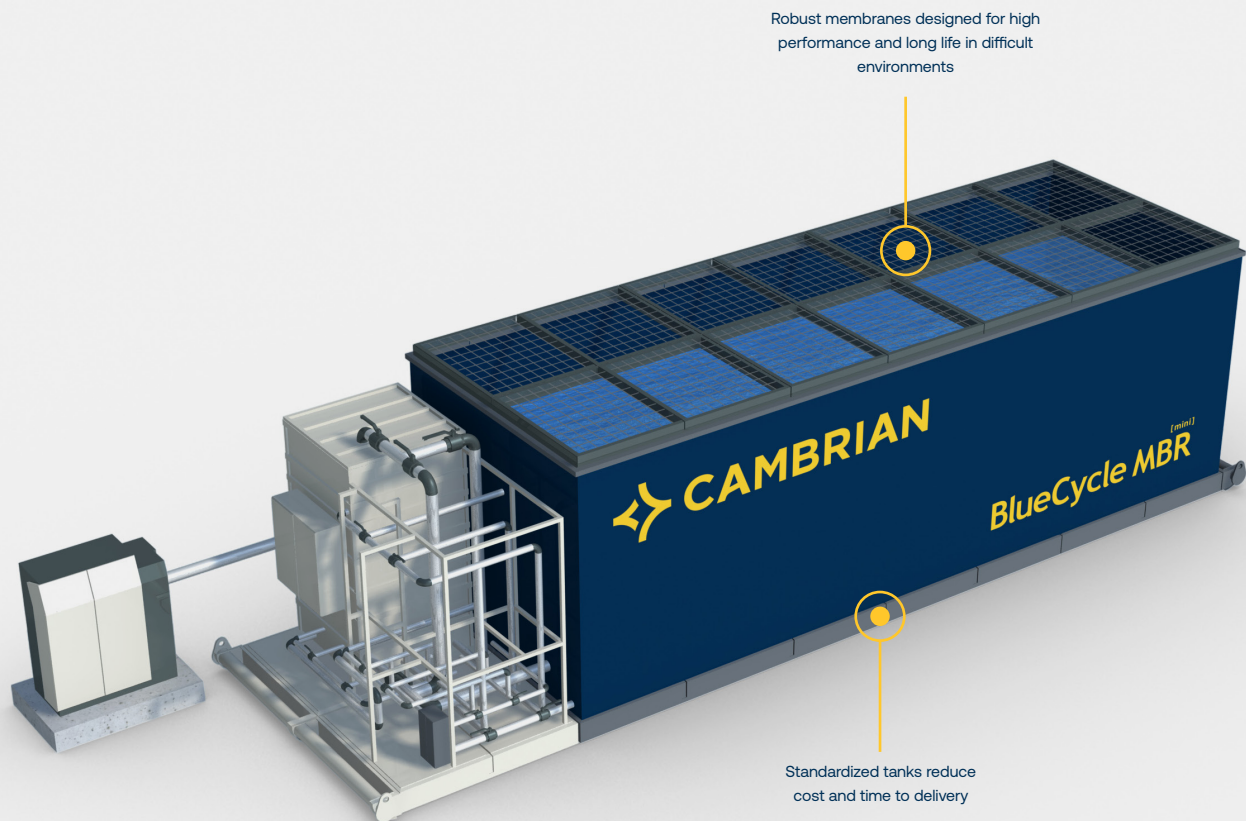


## BlueCycle MBR Mini™

The new, all-aerobic **BlueCycle MBR Mini** is a containerized treatment system using state-of-the-art aeration, robust membrane filtration, and a dynamically-integrated controls architecture to remove over 99 percent of biochemical oxygen demand (BOD) and total suspended solids (TSS) from wastewater streams.

Cambrian's new equipment lease structure and all-aerobic BlueCycle MBR Mini offer smaller, growing industrial facilities access to hassle-free onsite wastewater treatment for a simple monthly fee.



### **BlueCycle MBR Mini Specifications:**

- Removes over 99 percent of BOD and TSS, eliminating strength surcharges
- Enables reuse for irrigation and certain industrial applications
- Modular, containerized design allows for flexible capacity increase
- Automation and optional cloud-based data simplifies operations, allowing customers to spend more time on core business activities.

## Advanced wastewater treatment, powered by the BlueCycle MBR Mini.

	BlueCycle MBR Mini
System Overview	Diffusers feed aerobic biology to destroy organics; submerged UF membranes produce reusable effluent
Effluent Water Quality	Title 22-certified: <10 mg BOD/L, <10 mg TSS/L
Average Organic Loading Capacity	Up to 150 kg BOD/day; simple cylindrical tank addition to increase
Average Treatment Efficiency	Up to 99.9 percent
Average Flow Capacity	Up to 15,000 gallons/day; simple membrane module addition to increase
Core Unit Operations (Included)	Treatment & Filtration Tank: DO, MLSS, pH, Level, DP; Probes/Sensors; Diffusers; UF Membranes  Tack-On Skid: Dedicated Scour Blower; Dedicated CIP System; Dedicated RAS & Permeate Pumps  Controls
Core Unit Materials of Construction	Coated carbon steel; PVC (stainless available)
Core Unit Footprint	L: 31' – 45' W: 8.5' H: 11.3'
Production Location	USA — off-site, prepackaged
Ancillary Unit Operations (Not Included)	Solids Screen; pH Adjustment; Equalization; Biosolids Holding Tank; Permeate Holding Tank; HVCP & Variable Frequency Drives

Assumes 25 deg-C influent water.

## For peace of mind, leave wastewater management to Cambrian so you can focus on your core competencies.

Cambrian offers its entire product platform as a service. Under the WEPA (Water Energy Purchase Agreement®), Cambrian designs, builds, installs, owns, and operates your wastewater treatment system at no upfront cost. You simply pay for performance, on a per gallon basis, and focus your effort and equity on your core business.

### Our Clients

