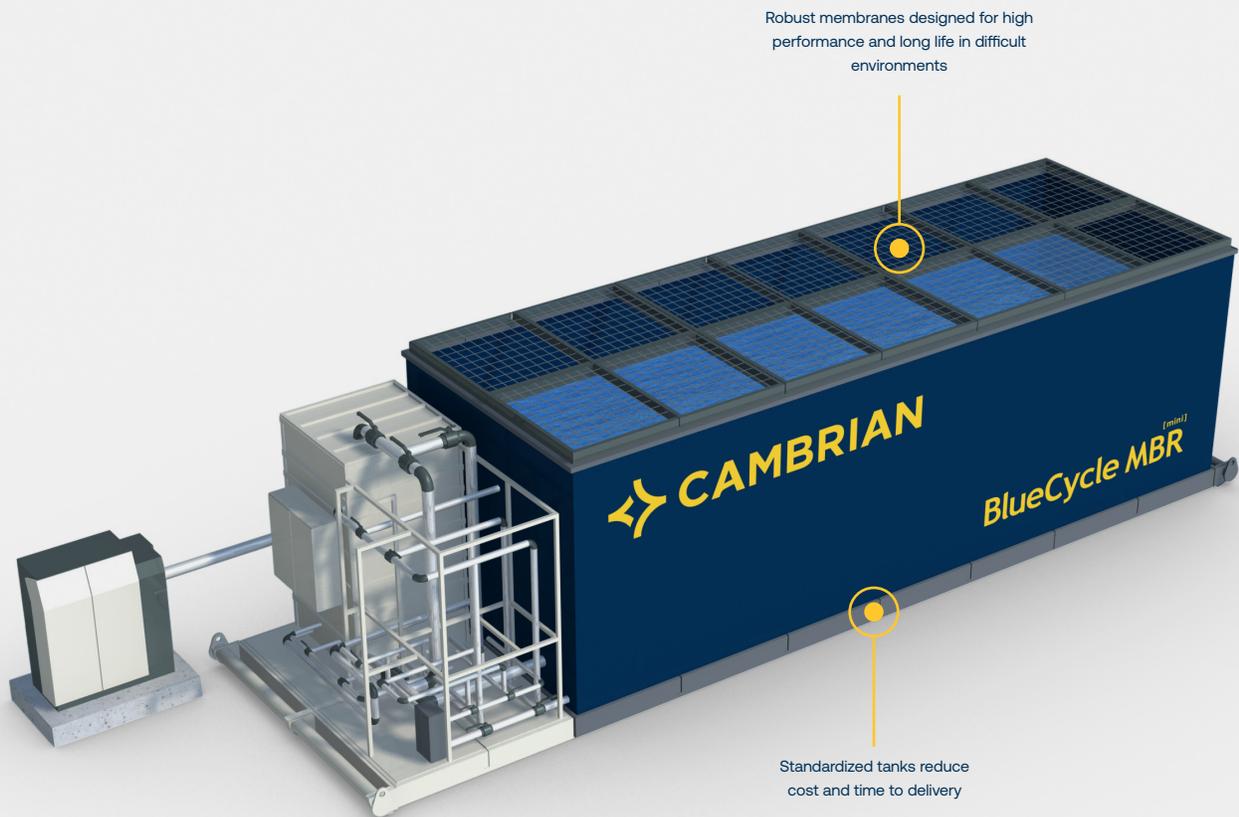


BlueCycle MBR Mini™

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

