



Illinois Steps Up to Stay in the Forefront of Water Technology

Introduced to the market to meet the new water recycling regulations with the BioBarrier® MBR, this system has solved many of the most challenging site conditions for Illinois homeowners and commercial property owners.

During the Bio-Microbics "World Series of Water" Distributor Conference held in May 2016 at the factory, Bio-Microbics Illinois Distributor, Kurt Bihler, was inspired for his dealers to hit a milestone, "The 100th BioBarrier® MBR sold in Illinois" and the prize would be the 100th unit itself. Mr. Bihler challenged his dealers to reach to goal prior to the end of the year. Not only did they meet the goal, they did it in less than 5 months!

This challenge represents an effort to adopt more advanced wastewater treatment systems to propel Illinois into the future with better water management systems. In recent months, presentations and educational material have been developed to help explain and formulate the failure rate of a soil-based wastewater treatment system (FYI, it is 14 years for a residential system and 1.3 years for a commercial property based on exact 300 GPD influent characteristics). Since the adoption of the Illinois Regulations in September of 2015, our approval allowed the system to require only a fraction of the size of the drainfield needed; in most cases, the size is 1/6th to 1/10th the size of conventional Septic Systems. In addition, the discharge does not require additional disinfection prior to discharge to the ground surface while still meeting water quality standards.

The immersed membrane technology utilized in the BioBarrier Systems allows for installation into a smaller footprint with both above or below ground tank options. Providing First-In-Class performance and often establishing the material, design, construction and performance requirements for onsite residential and commercial applications, the complete, optimized design of the BioBarrier MBR system dramatically simplifies the settling, screening, direct aeration and ultra-filtration of the wastewater treatment process to remove 99.9% of the contaminants.



Carl's Septic Service, Inc. of Lemont, Illinois, sold the 100th system! We spoke with Kevin Dominick, Carl's Septic Service, on his auspicious occasion:

"The Team at Carl's Septic Service is pleased to help reach this milestone for the State of Illinois," says Kevin Dominick, Carl's Septic Service. "We see a great opportunity to continue this momentum and keep Illinois at the forefront of bringing better water management systems to our customers."

Besides being named a Top 3 Septic Tank Service in Naperville, IL by ThreeBestRated.com (<https://threebestrated.com/septic-tank-services-in-naperville-il>) based on customer reviews, history, ratings, satisfaction, trust, cost and their general excellence, Carl's Septic Service, Inc. has served many Illinois counties since 1962. Other services include: Septic Tank Pumping, Septic Inspections, Septic Tanks & Systems, and Building/Sewer Contractors.

The 99 systems that are already installed in Illinois have met some of the most challenging site conditions from a YMCA with minimal land available to a home built on the side of a steep hill. To date, 2,243 BioBarrier MBRs have been shipped worldwide.

ABOUT Bio-Microbics Illinois: With more than 35 years' experience distributing, installing, operating many variants of wastewater treatment processing units, BihlerTech Inc. is the Bio-Microbics Distributor for Illinois. We provide wastewater treatment plants for residential and commercial properties. Through an Illinois professional dealer network, BihlerTech provides onsite, pre-treatment systems and service of Bio-Microbics® FAST® aerobic wastewater treatment systems and the BioBarrier® membrane bioreactor (MBR) water recycling system. Bio-Microbics Illinois Distributor | Phone: 815-714-8505 | Fax: 866-366-5090 | www.biomicrobicsillinois.com

ABOUT Bio-Microbics, Inc.: As a leading manufacturer of Simple, Low-Cost, Robust wastewater (residential, commercial, & marine), graywater, water recycling, and stormwater treatment systems, Bio-Microbics ensures a clean environment and opportunities for water reuse...FITT® for the Purpose Intended. www.biomicrobics.com

Learn more at

www.biomicrobics.com



RECENT AWARDS

2017 Top 10 Green Building Products, BuildingGreen, Inc. - d-Rain Joint™ Device

2016 LIFT's "Passport to Innovation", WE&RF Leaders Innovation Forum for Technology (LIFT) Scan Program - a growing collection of vetted, innovative technologies that will drastically improve wastewater treatment operations. - BioBarrier® HSMBR®

2016 President's "E Star" Award & **2012** President's "E" Award for Excellence in Exports, granted by President of the United States, presented by US Dept. of Commerce

2015 Ingenuity Award Winner, Ingenuity Central @ K-State Olathe, Ingenuity Central (IC) showcases innovative companies that exemplify the newest thinking driving our community & growing our economy.

2015 Innovation in Marine Environmental Technology Offshore Excellence Award, based on environmental impact of marine sanitation devices and technology.

2014 "BEST of GreenBuild" Editor's Choice Award, U.S. Builders Review, "Creating Better Water Treatment Solutions for a Better World..." article.

2011 Technology Innovation Award (Decentralized Commercial Outlets) - Frost & Sullivan - FAST® Technology

2011 New Product of the Year Award - Recycling, U.S. Builders Review, "Creating Better Water Treatment Solutions for a Better World..." article.

2011 Kansas Governor's Exporter of the Year - presented by the Governor of KS, KS Dept. of Commerce

2010 North American Tech Innovation Award (Water/Wastewater)-Frost&Sullivan-FAST®

2009 Technology Merit Business Achievement Award, Water / Wastewater - Environmental Business Journal (EBJ) - BioBarrier® MBR

2002 U.S. Export Achievement Certificate, US Dept. of Commerce, US & Foreign Commercial Service

2000 U.S. EPA Environmental Technology Innovator Award - U.S. EPA, Region 1 - SeptiTech® Technology