

## **BORD NA MONA AND AMERICAN MANUFACTURING FORM STRATEGIC ALLIANCE TO IMPROVE QUALITY OF ONSITE TREATMENT IN DIFFICULT SOIL CONDITIONS**

Effective immediately Bord na Mona will incorporate American Manufacturing's Perc-Rite® residential and larger flow drip systems in Puraflo® Peat Fiber Biofilter systems installed in difficult soil condition environments;

First such system installed in Charleston, South Carolina.

Bord na Mona Environmental Products U.S. Inc. ([www.bnm-us.com](http://www.bnm-us.com)) today announced that it has formed a strategic alliance with American Manufacturing Company, Inc. ([www.americaonsite.com](http://www.americaonsite.com)) of Elkwood, Virginia, to package American's Perc-Rite® drip systems with its own Puraflo® Peat Fiber Biofilter onsite wastewater treatment systems in difficult soil condition environments. According to Bord na Mona President Shane Keaney, the first such combination system has already been successfully installed at a residence in Charleston, South Carolina.

"Our alliance with American Manufacturing promises to bring a new level of onsite treatment quality and flexibility to areas known for having difficult soil conditions such as shallow bedrock, clay, and high water tables," Keaney said today. "What's more, these combination systems will feature a single control panel that significantly simplifies long-term operation and maintenance."

American Manufacturing's Perc-Rite Drip system is a single- or multi-zoned fluid handling system for drip dispersal utilizing disc filtration followed by low volume timed dosing. The drip dispersal system delivers conditioned effluent (secondary, or better treatment) equally to a disposal area providing unsaturated flow for an aerobic soil environment resulting in enhanced performance. The company offers systems that feature anywhere from two to four zones and in systems featuring pre-treatment and large flow configurations.

Bord na Mona's Puraflo system, which is certified by NSF to NSF/ANSI Standard 40, is a low energy natural wastewater treatment solution for on-site wastewater treatment requirements. Utilizing a unique, natural biofibrous peat filter media, the Puraflo treatment system is the highest performing, most reliable natural treatment system available today.

Delivered in a pre-assembled modular unit that reduces installation costs, the Puraflo solution is compatible with pad dispersal systems, making it an ideal treatment solution in difficult soil,

shallow water table, and lot size restrictive applications. It is a single pass system that does not require blowers, complex control panels or recirculation pumps. As a result, this zero energy, or low power time-dosed solution, provides savings for homeowners while meeting LEED and other green building standards.

The most common Puraflo system applications include individual residential sites, community cluster systems, light commercial, schools, and subdivision developments. The system is particularly suited for intermittent flow applications such as vacation homes, churches, parks, and truck stops as it retains the beneficial bacteria in the media. In addition the modular design allows phasing of the construction and very cost effective solutions for one & two bedroom cottages. The Puraflo treatment system is also an excellent solution for repairs.

According to Keaney, Bord na Mona's alliance with American Manufacturing is open ended and will in the future include collaboration on other treatment solutions for both the residential and commercial market segments. American Manufacturing has agreed to feature a selection of its products and solutions at the newly opened Bord na Mona Innovation Center in Greensboro, North Carolina. "There is a lot of room for future cooperation between our two companies," Keaney explained. "This is a collaboration that will be certain to produce a number of innovations that will advance the state of the art in environmentally responsible wastewater treatment solutions."

Headquartered in Dublin Ireland, Bord na Móna is a multi-national \$550-million full line provider of products and services in the environmental, energy, fuels, and horticulture markets. The company's state-of-the-art, environmentally responsible wastewater, water reuse and air pollution treatment solutions deliver significant environmental benefits for homeowners, communities, and municipalities. The company is dedicated to forging a new contract with nature through the development of innovative solutions focused on water conservation, re-use, material recycling, and energy and chemical reduction. Bord na Móna Environmental Products U.S. Inc. ([www.bnm-us.com](http://www.bnm-us.com)) is headquartered in Greensboro, North Carolina.

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