



Bord na Mona
Puraflo® Fixed Film Treatment System

This Management Plan identifies some of the basic requirements for proper operation and maintenance of the Puraflo Peat Fiber Biofilter wastewater treatment device for residential use. Refer to the manufacturer's Operation & Maintenance Manual for detailed instructions on the proper system operation and maintenance. Refer to your soil treatment system management plan (below or above-grade) for additional management requirements.

The Puraflo Operation & Maintenance Manual was submitted by the manufacturer, Bórd na Mona Environmental Products U.S. Inc., as part of the product registration procedure for the State of Minnesota. The manual can be found at the Minnesota Pollution Control agency's website: <http://www.pca.state.mn.us/programs/ists/productregistration.html>.

SYSTEM COMPONENT	TASK	FREQUENCY	RESPONSIBLE
Puraflo® Peat Fiber Biofilter Modules	Monitor alarm	On-going	Homeowner & Service Provider
	Verify proper ventilation	Annually	Homeowner & Service Provider
	Check for pest infestation and excessive odor	Annually	Homeowner & Service Provider
	Monitor flow	Annually	Service Provider
	Check electrical components	Annually	Service Provider
	Check distribution system, peat fiber compaction, biomat and ponding in filter, & peat color	Annually	Service Provider
	Verify presence of orifice plate in union and that effluent is draining freely from modules	Annually	Service Provider
	Perform operational field tests on influent/effluent quality including odor, color, turbidity, temperature, and pH as appropriate.	Annually	Service Provider
	Sample effluent as required in the local Operating Permit*	See Operating Permit	Service Provider
	For seasonal use, follow manufacturers guidelines	As required based on seasonal usage	Service Provider

* Systems designed to meet treatment level B without UV disinfection must collect effluent sample for fecal coliform annually at a minimum.

At the time of each service visit, Form 7-1: Media Filter should be completed. See <http://www.onsiteconsortium.org/omspchecklists.html>

Items not permitted in the Puraflo® are specified in the Puraflo® Manual for Minnesota.

Sampling requirements may be specified in local operating permits. The protocol for collection of wastewater samples is specified in the Puraflo® Manual for Minnesota.