



Oregon

Theodore R. Kulongoski, Governor

Department of Environmental Quality

Western Region Eugene Office

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February 10, 2010

Colin Bishop
Bord na Móna Environmental Products US Inc.
PO Box 77457
Greensboro, NC 27417

RE: Puraflo® Peat Fiber Biofilter P150N*4B & 5B Treatment Standard 1

We have completed our evaluation of your Alternative Treatment Technology (ATT) application, plans, specifications and other required exhibits. In the application, you have certified that the ATT system manufactured by your company will comply with all applicable rules and regulations.

I am pleased to advise you that the following ATT systems have been found to meet the approval criteria for Treatment Standard 1 when used as part of an onsite wastewater treatment and dispersal system in Oregon:

- **Puraflo® Peat Fiber Biofilter P150N*4B (rated at 600 gallons per day) & P150N*5B (rated at 750 gallons per day) Treatment Standard 1 configurations:**
 1. Puraflo® Peat Fiber Biofilter P150N*4B (600 gallons per day) may be used with 1,200 & 1,500 gallon septic tanks specifically identified on the most recent approved drawings, or otherwise approved in writing by the Department.
 2. Puraflo® Peat Fiber Biofilter P150N*5B (750 gallons per day) may be used with 1,500 gallon septic tanks specifically identified on the most recent approved drawings, or otherwise approved in writing by the Department.

You are authorized to manufacture, market, and distribute these ATTs for use in Oregon, providing the following conditions are met:

1. The ATT must be manufactured in compliance with the Department's rules and the plans and design specifications provided. Any deviation from the plans and specifications shall not be permitted unless authorized by NSF International and in writing by the Department.

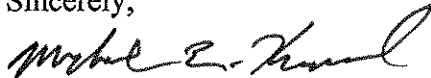
The approved plans are labeled Schematics of Puraflo® System Components dated January 15, 2010 (attached).

2. The manufacturer must provide training for, and maintain a list of, certified installers and maintenance providers authorized to work on these ATTs, and provide certificates to those individuals.
3. Systems less than 10 years old may not exceed a failure rate of 10 percent.

4. Each ATT must maintain NSF International Standard 40 certification.
5. As the manufacturer of these products, it is your responsibility to assure that each assembled ATT delivered to the construction site is watertight. Assurance must be achieved by periodic testing of the ATT products for water-tightness at the manufacturing facility.
6. A minimum two-year service contract, including a minimum of four service visits (scheduled every six months) must be included in the purchase price of the ATT. A system owner must comply with OAR 340-071-0345(14) regarding subsequent service contracts.
7. Each ATT shall be delivered with an installation guide and owner's manual.
8. Each ATT must be installed in accordance with the manufacturer's installation manual.
9. Each ATT is only acceptable for use at locations where the top loading will not exceed the engineering design parameters. ATTs proposed for use at other locations must have an engineering analysis of the potential top loading, and may require the preparation of site-specific plans and specifications.
10. All other applicable rules and requirements within OAR 340-071 and 073 must be followed.

Please feel free to contact Randy Trox at (541) 687-7338 if you have any questions about this letter.

Sincerely,



Michael E. Kucinski, Manager
Water Quality/Onsite

cc: All Contract County Offices
All DEQ Direct Service Offices
Randy Trox, DEQ Eugene