



Oregon

John A. Kitzhaber, MD, Governor

Department of Environmental Quality

Western Region Eugene Office

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TTY 711

FILE COPY

May 26, 2011

Mike Catanzaro
Sales Manager
Delta Environmental Products, Inc.
P. O. Box 969
Denham Springs, LA 70727

Re: Delta Environmental Products™ Whitewater® DF100-AFF Alternative Treatment Technology

Dear Mr. Catanzaro,

The Oregon Department of Environmental Quality (Department) has evaluated your application for approval as an Alternative Treatment Technology (ATT) in Oregon. In your application your company has certified that the ATT systems manufactured by your company will comply with all applicable Department rules and regulations. Furthermore, the Department has reviewed your application materials for compatibility with the standards and criteria found in Oregon Administrative Rule (OAR) 340-071-0345. I am pleased to advise you that the following ATT system has been found to meet the approval criteria for Treatment Standard 1 when used as part of an onsite wastewater treatment system in Oregon:

➤ **Delta Whitewater® Treatment Unit Model #DF100-AFF (1000 gpd)**

You are authorized to manufacture, market, and distribute these ATT's 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 and in writing by the Department.
 - Approved Plans for Delta Whitewater DF100-AFF, in Configuration 1 dated May 26, 2011.
 - Approved Plans for Delta Whitewater DF100-AFF, in Configuration 2 dated May 26, 2011
 - Approved Plans for Delta Whitewater DF100-AFF, in Configuration 3 dated May 26, 2011.

2. In the event of air compressor failure, the control panel shall lock out effluent pump operation to prevent untreated or partially treated effluent from discharging to the disposal area. An audible and visible alarm shall activate in the event of either pump or air compressor failure.
3. The ATT must be preceded by a septic tank or dosing septic tank approved for such use in Oregon.
4. The manufacturer must provide training for, and maintain a list of, certified installers and maintenance providers authorized to work on these ATT's and provide certificates to those individuals.
5. Systems less than 10 years old may not exceed a failure rate of 10 percent.
6. Each ATT must maintain NSF Standard 40 certification.
7. As the manufacturer of these products, it is your responsibility to assure that each assembled ATT delivered to the construction site is water-tight. Assurance must be achieved by periodic testing of the ATT products for water-tightness at the manufacturing facility.
8. Service contract, and inspection and service visits must meet the requirements in OAR 340-071-0345(14). The current rules state that a two-year service contract, including a minimum of four (4) service visits scheduled every six (6) months, to inspect, adjust and service the ATT is required until the system is decommissioned. The initial service contract must be included in the purchase price of the ATT.
9. Each ATT shall be delivered with an installation guide and owners manual.
10. Each ATT is only acceptable for use at locations where the top loading will not exceed the engineering design parameters. ATT's proposed for use at other locations shall require an engineering analysis of the potential top loading, and may require the preparation of site-specific plans and specifications.

If you have any questions about this letter or would like any technical assistance, please contact Dan Wiltse at (541) 687-7436.

Sincerely,



Michael E. Kucinski, Manager
Water Quality/Onsite

cc: All Contract County Offices
All DEQ Direct Service Offices