



# Oregon

Theodore R. Kulongoski, Governor

## Department of Environmental Quality

811 SW Sixth Avenue  
Portland, OR 97204-1390  
503-229-5696  
TTY 503-229-6993

April 7, 2005

Sam Carter  
Government Relations Manager  
Oreco Systems, Inc.  
814 Airway Avenue  
Sutherlin, OR 97479

Re: Advantex<sup>®</sup> Treatment System AXN Series

Dear Mr. Carter:

The Oregon Department of Environmental Quality (Department) has received your Oregon Alternative Treatment Technology (ATT) application and the plans, specifications, and other required application exhibits. Your company has certified that these ATT systems comply with all applicable Department rules and regulations. The Department reviewed these 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 systems manufactured by your company have been found to meet these approval criteria for Treatment Standard 1 when used as part of an onsite wastewater treatment and dispersal system in Oregon:

- Advantex<sup>®</sup> Treatment System Model: AX20-N (500 gpd)
- Advantex<sup>®</sup> Treatment System Model: AX20-2N (1000 gpd)
- Advantex<sup>®</sup> Treatment System Model: AX20-3N (1500 gpd)

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. Alteration of the ATT system design that might affect system performance must be authorized by NSF International and/or the Department. Product modification approvals from NSF International must be copied to the Department.

The approved version of the plans is Revision 1.1 (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 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 water-tight. Assurance must be achieved by periodic testing of the ATT products for water-tightness at the manufacturing facility.

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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.
7. Each ATT must be delivered with an installation guide and owner's manual.
8. The 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 requires 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 Uri Papish at (503) 229-5013 if you have any questions about this letter.

Sincerely,



Mark Cullington, Manager  
Water Quality Division

cc: All Contract County Offices  
All DEQ Direct Service Offices  
Uri Papish, DEQ HQ