



State of Oregon Department of Environmental Quality

Application for Alternative Treatment Technology Products

Water Quality Division, Onsite Program
165 East Seventh Ave, Suite 100
Eugene, OR 97401

Please complete the application and submit to the address listed above with the application fee, \$1,748 (\$1648 fee + \$100 surcharge) for up to 1,500 gallons per day; \$3,396 fee (\$3,296 + \$100 surcharge) for 1,501-2,500 gallons per day and required attachments. **NOTE:** Each model or configuration requires a separate application packet with the required fee.

Reference Information - Please Print

Corporate Name: _____

Exact Business Name: _____

Mailing Address: _____

Name of Contact Person: _____ Phone: _____

Email: _____

Name of Product: _____ Model #: _____

Treatment Standard 1 or 2: _____ Design Flow of Unit: _____

Please provide the following attachments:

Performance Requirements

- ATT was tested by an NSF/ANSI organization with an ISO/IEC 17025 laboratory accreditation and tested according to the following (Provide accreditation documentation and provide report):
 - The 2013 NSF/ANSI Standard 40 testing protocol for Treatment Standard 1 or 2: _____
- The 2012 NSF/ANSI Standard 245 testing protocol; or as part of the La Pine National Demonstration Project for Treatment Standard 2: _____
 - The 2012 NSF/ANSI Standard 46 testing protocol for fecal reduction using non-chlorinating disinfection methods for treatment standard 2: _____ Method of disinfection? _____

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- ATT performs equal to or better than Standard 1 or 2?
 - Treatment standard 1 or 2 achieves a 30-day average of less than or equal to 20 mg/L BOD (or 17 mg/L CBOD), and less than or equal to 20 mg/L TSS?
 - Highest 30-day average BOD or CBOD result: _____
 - Highest 30-day average TSS result: _____
 - Treatment standard 2 achieves a 30-day average of 400 fecal coliform per 100 mL, and 30 mL TN?
 - Highest 30-day average fecal coliform result: _____
 - Highest 30-day average TN result: _____

Maintenance Access and Sampling Ports

- Access port(s) sized and located to facilitate installation, maintenance? _____
- Access ports facilitate: inspection, removal of parts and components, cleaning, collection of samples, removal of accumulated residuals? _____
- Access ports are protected from unauthorized intrusion with methods such as a padlock or cover that can be removed only with tools? Describe method: _____
- Sampling ports are designed, constructed, and installed to provide easy access for collecting a free falling or undisturbed sample from the effluent stream. Sampling port may be located within the ATT or other system component, provided the sample location is representative of the effluent stream from the ATT. Briefly describe location and note on schematic drawings. _____

Malfunction, Failure Sensing, and Signaling Equipment

- The system prevents passage of waste into disposal field if the plant malfunctions, such as a high water alarm in the unit with a sensor that disables a pump. Briefly describe method proposed: _____

- ATT possesses a mechanism or process that detects: failure of critical electrical and mechanical components and high liquid level condition above normal operating conditions. Briefly describe method proposed: _____

- The mechanism or process capable of notifying visually and audibly the owner of failures are on a separate circuit than the pump circuits? Y/N _____
- Visual signals are noticeable at least 50 ft. from the system? Y/N _____
- Audible signal is between 70 and 90 dba at 5 ft? Y/N _____
- Visual and audible signals continue to function in electrical, mechanical equipment, or hydraulic malfunctions? Describe: _____
- A visible label with instructions for obtaining service is permanently located near failure signal? Y/N _____
Provide diagram of label.

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Data Plate

- ATT has permanent legible data plates located: front of the control box, the tank, aeration equipment, or riser?
Provide data plate locations: _____
- Data plate includes: manufacturer's name & address, model number, serial number, rated daily hydraulic capacity, & performance expectations determined by performance testing & evaluation. Provide a diagram of data plate.

Limited Warranty

- All components are warranted to be free of defects in material and workmanship for a minimum of 2 years?
Y/N ____
- Manufacturers will fulfill terms of warranties by repairing or exchanging any components that the manufacturer determines may be defective? Y/N ____

Training and Maintenance

- Provide O & M manual with requirements specified by manufacturer.
- An initial 2-year service contract is included in the price of the ATT system? Y/N ____
- A plan for training agents and system installers on installation and inspection of ATT. Y/N ____
- A plan for training O&M maintenance providers on system maintenance. Y/N ____

Schematic Drawings

- Provide schematic drawings that include a DEQ-approved septic tank or dosing septic tank prior to the ATT unit. The system must include a DEQ-approved dosing tank or a pump vault (allowed if design flow is less than or equal to 600gpd), unless the ATT is preceded by a dosing septic tank.
- Schematic drawings must include a method to prevent untreated or partially treated effluent from discharging to the drainfield in the event of a treatment plan malfunction or high water event.
- Schematic drawings note appropriate sampling location. Describe: _____

Certification: I hereby certify that the engineering plan(s) and specifications I have submitted for the ATT are complete and in total compliance with pertinent requirements of the OAR 340-071 & 073 Onsite Wastewater Treatment System Rules.

Manufacturer

Signature: _____ Title: _____ Date: _____