



# Oregon

John A. Kitzhaber, Governor

## Department of Environmental Quality

Western Region Eugene Office

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TTY 711

February 11, 2014

Jessica Barringer  
Infiltrator Systems Inc.  
4 Business Park Rd.  
P.O. Box 768  
Old Saybrook, CT 06475

RE: Application(s) for IM-1530 septic tank and IM-1530 dosing septic tank  
Final Review-Approved

Dear Ms. Barringer,

The Oregon Department of Environmental Quality (Department) has received plans, specifications and other associated materials you provided for septic tank configuration(s) manufactured by Infiltrator Systems, Inc. This letter is to inform you that the following tank(s) can be installed in the State of Oregon, based on your certification that the following tank(s) complies with all applicable Department rules and regulations:

- IM-1530 gallon Septic Tank
- IM-1530 gallon Dosing Septic Tank

The plans were stamped by John Reese Leavitt P.E., from Leavitt & Associates Engineers, Inc. The approved plans, installation manual and riser connection guidance document are attached to this letter. Infiltrator Systems is authorized to manufacture and distribute the above-described tank(s) for use in onsite wastewater treatment systems in Oregon until further notice, provided the following conditions are met:

1. The tank must be manufactured in compliance with the Department's rules and the plans and design specifications provided. Any deviations to the approved plans and specifications dated February 7, 2014 are not permitted unless authorized in writing by the Department.
2. Prior to shipment from the manufacturing facility, the inlet and outlet tees in the septic tank and the inlet tee in the dosing septic tank, respectively shall be pre-drilled.
3. You are to deliver to each purchaser, a complete tank, including tees, gaskets, risers and lids. If the tank manufacturer does not fully assemble the tank, as with a two piece tank, the manufacturer must provide the bonding and sealing agents and an instruction manual for assembling the tank.
4. Each tank listed above must be manufactured to meet the structural specifications described in the plans and are only acceptable for use at locations where top loading will not exceed the engineering design parameters. Tanks proposed for use at other locations require an engineering analysis of the potential top loading, and may require preparation of site specific plans and specifications.
5. The minimum burial depth above the top of the tank is six (6) inches. The maximum burial depth above the top of the tank is thirty-six (36) inches.
6. The outlet tee in the septic tank was identified as compatible for specific effluent filters and includes the Polylock PL-68 and Zabel A1800 effluent filters. Other outlet tees and effluent filters are permissible, provided they are compliant with applicable Oregon Administrative Rule (OAR), Chapter 340, division 73 requirements.

7. The riser connection guidance document identifies the following 24-inch (600mm) diameter riser products, from the following manufacturers as compatible with the IM-1530 tank:

- TW Riser System by Infiltrator
- EZSET by Infiltrator
- Tuf-Tite® Corporation
- PolyLok™ Inc.

The following 24-inch (600mm) diameter pipe products are also compatible

- IPEX Ultra-Rib™ PVC pipe
- Corrugated high density polyethylene (HDPE) pipe

8. It is the responsibility of Infiltrator Systems, Inc. to ensure that each tank delivered to the construction site is watertight. Each tank must be water-tight tested in accordance with Oregon Administrative Rule (OAR) 340-073-0025(3) after complete installation at the job site.
9. An installation manual, on waterproof paper or equivalent, must be provided with each tank. The manual must describe how to properly install the tank, how to properly connect the risers, gaskets, lids, effluent sewer lines, water tight testing procedures, tank back fill, and any other special precautions and limitations.
10. Each tank must be marked with the liquid capacity, date of manufacture, burial depth limits, and either your full business name or the assigned number 580.

This approval should not be construed in any way as the Department's endorsement of this product or any advertising. Moreover, the Department is not responsible for any situation which may result in the improper use of your product.

If you have any questions about this letter, please feel free to contact Dan Wiltse at (541) 687-7436.

Sincerely,



Randall Trox, Acting Manager  
Water Quality/ Onsite

Enc. Approved Plans  
Installation manual  
Riser Connection Guidance

Ec: All Contract County Offices (W/ enclosures)  
All DEQ Direct Services Offices (W/ enclosures)  
David Lentz, P.E. Infiltrator Systems Inc. (W/ Enclosure)  
Adam Johnson, Infiltrator Systems Inc. (W/ Enclosure)  
Jay Holman, Infiltrator Systems, Inc. (W/ Enclosure)