



Oregon

John A. Kitzhaber, MD, Governor

Department of Environmental Quality
Western Region Eugene Office
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June 14, 2013

Spencer & Rex Waite
Waite Concrete Products, LLC
PO Box 306
Canby, Oregon 97013

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

- **1300 Gallon Concrete Two Chamber Dosing Septic Tank**
- **1500 Gallon Concrete Partitioned Dosing Septic Tank H2O Loading**

AquaLogic Engineering LLC was the Engineering firm for all plans submitted. These plans were stamped by Nathan Tristian Bounds, P.E. and are stamped "Plan Approved" by DEQ on June 13, 2013. The plans, specifications and an installation manual are attached to this letter. You are authorized to manufacture and distribute the above mentioned tank for use in onsite wastewater treatment systems in Oregon until further notice, provided the following conditions are met:

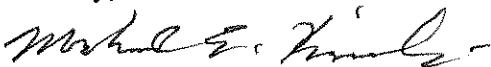
1. The tanks must be manufactured in compliance with the Department's rules and the plans and design specifications provided. Any deviations from the plans and specifications are not permitted unless authorized in writing by the Department.
2. The concrete mix must be in accordance with the mix description on the plans prepared by your engineer. A twenty-eight (28) day compressive strength of at least 4,000 PSI, as specified in the plans provided by the engineer must be achieved. Three (3) concrete sample cylinders must be taken and tested for each tank manufactured until the minimum compressive strength is obtained. Thereafter, compressive strength must be tested at a minimum of one of every 5 tanks, unless otherwise approved in writing by the design engineer. Upon request, all test results must be made available to the Department for review.
3. The tanks shall not be moved from the manufacturing site to the job site until the tank has cured for seven (7) days, or has reached two-thirds of the design strength.

4. Your business is responsible to ensure that each assembled tank delivered to a construction site is water-tight. It is expected that your business will pre-test some percentage of the tanks at the plant to verify they are water-tight.
5. Minimum burial depth over the top of the tank is 2 feet and maximum burial depth is 6 feet. Burial depths greater than 3 feet over the lid of the tank require 30-inch diameter (minimum) risers.
6. The risers and lids must be constructed of ribbed Poly Vinyl Chloride (PVC) or concrete rings as indicated on the engineered plans.
7. All risers must be installed in accordance with Oregon Administrative Rule 340-071-0220(3) (b) (C).
8. A fully assembled and complete tank must be delivered to the purchaser, including the necessary tank risers and lids.
9. Each tank shall be delivered with the installation guide. The guide must be printed on waterproof paper or an equivalent method of keeping the guide legible in adverse weather conditions.
10. Each tank is only acceptable for use at locations where the top loading will not exceed the engineering design parameters. Tanks proposed for use at other locations, must require an engineering analysis of the potential top loading, and may require preparation of site-specific plans and specifications.
11. Each tank must be marked on the uppermost tank surface over the outlet with the liquid capacity, date of manufacturer, burial depth limit, and either your full business name or the assigned number 103.

This determination 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 from use or misapplication of your product.

If you have any questions about this letter, please feel free to contact Dan Wiltse at (541) 687-7436 or by email at wiltse.daniel@deq.state.or.us.

Sincerely,



Michael E. Kucinski, Manager
Water Quality/Onsite

Encl: Approved Plans & Installation Guides
Electronic Copy: All Contract County offices (w/enclosures)
DEQ Direct Service Offices (w/enclosures)
Tristian Bounds, Aqualogic Engineering LLC. (w/enclosures)