

State of North Carolina
Department of Environment
and Natural Resources
Division of Environmental Health

Michael F. Easley, Governor
William G. Ross, Jr., Secretary
Terry L. Pierce, Director
Andy Adams, Acting Chief



February 25, 2005

Ron Suchecki
Hoot Aerobic Systems, Inc
2885 Highway 14 East
Lake Charles, LA 70607
Phone: 337-474-2804

Subject: Generic Approval of Plans and Specifications for Hoot Model H500A, H600A, H750A, and H1000A Aerobic Wastewater Treatment Systems for Use in North Carolina, ATU-32, ATU-33, ATU-34, and ATU-35, respectively

Dear Mr. Suchecki:

We have completed our review of information from Hoot Aerobic Systems, Inc., received December 16, 2004, in support of Hoot's application for state approval. Generic plans and specifications for Hoot's Models H500A (rated for 500 gallons per day), H600A (rated for 600 gallons per day), H750A (rated for 750 gallons per day), and H1000A (rated for 1,000 gallons per day) are found to be generically acceptable by the On-Site Wastewater Section and are hereby approved under On-Site Wastewater Section Approval Numbers ATU-32, ATU-33, ATU-34, and ATU-35, respectively, dated February 25, 2005, in accordance with Rule 15 NCAC 18A .1957(c).

These units are proposed to be installed within specially constructed precast concrete tanks utilizing forms provided by Hoot Aerobic Systems, Inc. which are designed in accordance with these approved plans.

For all Models, except H500A, the units shall be preceded by a State-approved septic tank or another settling tank which may subsequently be State-approved with liquid capacity at least equal to the rated capacity of the unit, or 600, 750, and 1000 gallons, (ATU-33, 34, and 35), respectively.

Please note that no Aerobic Treatment Units are to be constructed or used in North Carolina pursuant to this generic approval until the specific manufacturer/distributor for each proposed unit is identified and assigned a unique imprint and serial number. The imprint shall be located to the right of the opening on the outlet end of the tank. Application for specific

ON-SITE WASTEWATER SECTION

1642 Mail Service Center, Raleigh, North Carolina 27699-1642
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approval shall be submitted to this office. This must include for each unit with a rated capacity of greater than 500 gallons per day details of the proposed settling tank to be used.

Please note that this approval applies only to Aerobic Treatment Units constructed in accordance with approved plans and specifications; and, if found in non-compliance, an operation permit shall not be issued for the installed wastewater system. In addition, all Aerobic Treatment Units shall be watertight and shall be subject to a watertightness test in accordance with local and state environmental health guidelines. All requirements of Rule .1957(c) shall also met, including the requirement for the manufacturer or manufacturer's licensed representative to certify that the system has been properly installed, and for the owner to execute a contract with a certified wastewater treatment facility operator prior to operation permit issuance.

Your Aerobic Treatment Units must remain approved and listed in accordance with the standards adopted by the National Sanitation Foundation, Inc. for the Class I residential wastewater treatment systems as set out in Standard 40, as amended, pursuant to North Carolina General Statute GS 130A-342, and applicable sections of Rule .1957(c).

Additionally, all unit manufacturers having a North Carolina State approval are subject to periodic, un-announced inspections of their units and manufacturing process by State and local environmental health officials. Should units be found to not be in compliance with state approved plans or with State wastewater rules (15A NCAC 18A .1900 et. seq.), such units may be permanently identified as being unacceptable for use in North Carolina on-site wastewater systems and the manufacturers of such units may face suspension of approval for their units.

If you have any questions pertaining to this approval or if we may be of further service, please feel free to contact us at the phone number and/or address listed on this letterhead.

Sincerely,

Steven Berkowitz, P.E.
On-Site Wastewater Engineering

cc: On-Site Wastewater Section, Raleigh and Regional Staff (via email)
Local Health Directors and Environmental Health Staff (via email)