

September 17, 1997

Robert J. Rebori
Bio-Microbics, Inc.
8271 Melrose Dr.
Lenexa, KS 66214

Subject: Approval of plans and specifications for 500 gallons per day MicroFast and 900 gallons per day Single Home FAST aerobic treatment units using modified Shoaf show Precast Septic Tank, for use in North Carolina, ATU-5 and 6

Dear Mr. Rebori:

We have completed our review of further information submitted by Bio-Microbics in support of your application for state approval, received September 5, 1997. Plans and specifications for your 500 gallons per day "MicroFAST" Model No. 23-001-750 (rated for 500 gallons per day) and your "Single Home Fast" Model No. 23-001-1350 (rated for 900 gallons per day), proposed to be installed with a specially constructed precast concrete tank manufactured by Shoaf Precast Septic Tank, Inc., modified as you have proposed on the attached plans, are found acceptable by the On-Site Wastewater Section and are hereby approved under On-Site Wastewater Section Approval Numbers ATU-5 and ATU-6, respectively, dated September 17, 1997, in accordance with Rule 15 NCAC 18A .1957(c).

The imprints that will identify the manufacturer, serial number, and capacity of the reference units will be SST/BM-ATU-5-500, and SST/BM-ATU-6-900, respectively. The imprint will be located to the right of the opening on the outlet end of the tank.

One copy of the plans and specifications bearing the On-Site Wastewater Section stamp of approval is enclosed; one copy is being retained in our permanent files; and separate copies of this letter are being sent to the Farmers Home Administration and the Veterans Administration.

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 licenced 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 sewage treatment plants 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

SB/clg

cc: Farmers Home Administration
Veterans Administration
On-Site Wastewater Section, Raleigh and Regional Staff
Jimmy Shoaf