



Division of Environmental Health

Terry L. Pierce, Director
On-Site Wastewater Section
Andy Adams, Chief

State of North Carolina
Michael F. Easley, Governor

*Department of Environment and
Natural Resources*
William G. Ross, Secretary

August 31, 2006

Ms. Colleen Herbert
Hydro-Action Industries
8645 Broussard Rd
Beaumont, Texas 77713

Subject: Approval of Plans and Specifications for 500, 600, 750, 1000 and 1500 gallons per day Hydro-Action Fiberglass Residential Wastewater Treatment System Models AP-500, AP-600, AP-750, AP-1000, and AP-1500

Dear Ms. Herbert:

We have completed our review of additional information from Hydro-Action Industries, received August 2, 2006, in support of your application for state approval. Plans and specifications for Hydro-Action's Fiberglass Models AP-500 (rated for 500 gallons per day), AP-600 (rated for 600 gallons per day), AP-750 (rated for 750 gallons per day), AP-1000 (rated for 1,000 gallons per day), and AP-1500 (rated for 1,500 gallons per day) are found to be acceptable by the On-Site Wastewater Section and are hereby approved under On-Site Wastewater Section Approval Numbers ATU-46, ATU-47, ATU-48, ATU-49 and ATU-50, respectively, dated August 16, 2006, in accordance with Rule 15 NCAC 18A .1957(c).

For all Models, 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 half of the design daily flow of the residential wastewater treatment system model. For models AP-500, AP-600, AP-750, and AP-1000, the units will be preceded by a 500 gallon fiberglass tank supplied by Hydro-Action. For model AP-1500, the units will be preceded by a 750 gallon fiberglass tank supplied by Hydro-Action.

The imprints that will identify the manufacturer, serial numbers, and capacities of the referenced units will be Hydro-Action ATU-46-500, Hydro-Action ATU-47-600, Hydro-Action ATU-48-750, Hydro-Action ATU-49-1000, and Hydro-Action ATU-50-1500, respectively. The imprint will be located to the right of the opening on the outlet end of the tank.

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 be 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).

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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,

Tricia Angoli
On-Site Wastewater Engineering

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