



COMMONWEALTH OF MASSACHUSETTS  
EXECUTIVE OFFICE OF ENERGY & ENVIRONMENTAL AFFAIRS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
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**Innovative Technology Notice**  
**Application Submitted Pursuant to Title 5, 310 CMR 15.000**  
**Department of Environmental Protection**  
**Wastewater Permitting Program**  
**Transmittal Number: W101238**  
**Application Filing Date: August 20, 2007**

Public Notice is hereby given of the application by **BIO-MICROBICS, Inc.** to the Department of Environmental Protection requesting **Certification for General Use Approval** of the **BIO-MICROBICS MicroFAST, HighStrength FAST and NitriFAST Systems for denitrification** pursuant to **310 CMR 15.288** of Title 5. This provision of Title 5 describes the approval process for **General Use** of innovative/ alternative technologies for the treatment and subsurface disposal of sewage from facilities regulated under Title 5.

The application proposes the use of alternative standards for the following provision in Title 5:

- The Bio-Microbics Treatment System in accordance with 310 CMR 15.202 is an equivalent alternative technology to a recirculating sand filter. The System can provide enhanced nitrogen removal in accordance with 310 CMR 15.217 (Systems with Enhanced Nitrogen Removal).
- The System in accordance with 310 CMR 15.202 (4) is an equivalent alternative technology that meets the following requirements:
  1. Effluent discharge concentrations meet or exceed secondary treatment standards of 30 mg/L BOD and 30 mg/L TSS.
  2. The effluent pH range is 6.0 to 9.0.
  3. Total nitrogen concentration in the effluent does not exceed 25 mg/L.

The Department welcomes any interested parties to provide any relevant information concerning the performance of this technology to be considered in the review process. The Department will consider all data and written comments submitted within 21 days after the publication of this notice in order to decide whether to grant approval pursuant to 310 CMR 15.000. To schedule a time to review the application or to obtain further information regarding this application please contact the Wastewater Permitting Program at (617) 292- 5867. All written comments should be submitted to: Department of Environmental Protection, Wastewater Permitting Program, One Winter Street, 5th Floor, Boston, MA 02108.

If you wish notification of the Department's preliminary determination concerning this application, please send to the Department a written request with your comments, if any, within 21 days from the publication date of this Environmental Monitor.