



COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENERGY & ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
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**Innovative Technology Notice
Approval Pursuant to Title 5, 310 CMR 15.000
Department of Environmental Protection
Wastewater Management Program
Generic Wastewater Treatment Technology Approval**

Public Notice is hereby given that the **Wastewater Management Program** of the Department of Environmental Protection is proposing **Certification for General Use** for the **Generic - Recirculating Sand Filter** pursuant to **310 CMR 15.288 and 15.202(3)** of Title 5. These provisions 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 Wastewater Management Program proposes the issuance of a generic approval for the **Recirculating Sand Filter (RSF)** for General Use Certification. The **RSF** must be designed in accordance with the Department's guidance titled *Recirculating Sand Filters Design Guidance*, dated April 2006. This guidance can be viewed at the Department's internet site at <http://www.mass.gov/dep/water/laws/policies.htm#t5guid>, within *Title 5/Septic Systems Guidance*.

The RSF provides alternative standards for the following provisions in Title 5:

- That the **RSF** consisting of a recirculation tank, pump and piping, and an underdrained open sand filter, is equivalent to conventional gravel and distribution pipe systems when the area required for effluent disposal, in accordance with 310 CMR 15.242 and 15.252, is reduced by 50%.
- That the **RSF** may be used to enhance nitrogen removal in accordance with 15.217, *Systems with Enhanced Nitrogen Removal*.

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 research and other data available or to obtain further information regarding this proposal please contact the Wastewater Management Program at (617) 292-5957. All written comments should be submitted to: Director, Department of Environmental Protection, Wastewater Management Program, One Winter Street, 5th Floor, Boston, MA 02108.

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