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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 Management Program
Transmittal Number: W080364
Application Filing Date: August 9, 2006

Public Notice is hereby given that the **Wastewater Management Program** of the Department of Environmental Protection is proposing **Certification for General Use** for a **GEO-flow® Pipe Leaching System** 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 Wastewater Management Program proposes the use of alternative standards for the following provisions in Title 5:

- That the use of aggregate for soil absorption systems, as specified in 310 CMR 15.247, is not applicable to the **GEO-flow® Pipe Leaching System**.
- That the **GEO-flow® Pipe Leaching System** consisting of: a 10-inch diameter corrugated high-density plastic pipe perforated with holes equally distributed around its inner circumference, exterior of the pipe covered with polypropylene grid, an outer layer of geotextile polyethylene fabric, and, a minimum six inches of concrete sand bedding with a minimum of six inches of concrete sand surrounding all sides of piping, is equivalent to 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 40%.
- That the bed design specifications, as specified in 310 CMR 15.252 (2), are not applicable to the **GEO-flow® Pipe Leaching System**.

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.