

Friday, Mar 21, 2008

12:40 PM – 1:30 PM

Room 126

Engineering & Architecture Building

All are invited to attend

Pizza will be served

Environmental Engineering Seminar Series

Geotextile Filter Treatment of Combined Sewer Discharges

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Innovative methods are needed to improve the quality of urban waterways, especially those impacted by discharges from combined sewer overflows. To this end, a treatment system using geotextiles as filtration media has been investigated to capture suspended and colloidal solids from the waste stream prior to entering the watercourse. Suspended and colloidal solids are significant in that they pose a deleterious impact on aquatic life. Additionally, they have been identified as transport vehicles for other pollutants, such as pathogens. Therefore, it is appropriate to concentrate efforts on the removal of these constituents.