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UNIVERSITET

Molecular Biotechnology Programme

Uppsala University School of Engineering

UPTEC X 08 019	Date of issue 2008-04	
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Title (English) Operation and evaluation of a pilot wastewater plant at GE Healthcare in Uppsala		
Title (Swedish)		
Abstract <p>A lab scale pilot plant for biological wastewater treatment has been built at GE Healthcare in Uppsala. The aim was to imitate the moving bed biofilm reactors of the on-site wastewater treatment plant, creating the same environmental conditions for biological activity in the bioreactors of the pilot. Once accomplished the likeness to the main plant was evaluated using total organic carbon (TOC) reduction measurements and terminal-restriction fragment length polymorphism (T-RFLP) analyses of the biofilm communities. A correlation between the systems is obvious but unfortunately the difference is significant.</p>		
Keywords <p>biological wastewater treatment, biofilm, MBBR, suspended carrier, TOC, T-RFLP</p>		
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Project name	Sponsors	
Language English	Security	
ISSN 1401-2138	Classification	
Supplementary bibliographical information	Pages 38	
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