

A réussi avec succès
LE PROTOCOLE
en conditions sollicitantes



Institute for
Wastewater
Technology

PERFORMANCE RESULTS

UAB « August ir Ko »

Juodasis kelias 104a, 11307 Vilnius, Lithuania

VEOLIA EAU - Protocole

“Small wastewater treatment systems for 5 PT”

Small wastewater treatment system VFL® bioreactor AT 10
Continuous aerated biological process

Nominal organic daily load	0.27	kg BOD ₅ /d
Nominal hydraulic daily load	0.75 – 1.50	m ³ /d
Material	polypropylene	
Treatment efficiency (nominal sequences)	COD	93.2 %
	BOD ₅	97.8 %
	SS	95.8 %
	P _{tot}	70.1 %
	NH ₄ -N*	95.5 %
	N _{tot} *	78.3 %
Electrical consumption	1.5	kWh/d

* determined for temperatures $\geq 10^{\circ}\text{C}$ in the bioreactor.

Performance tested by:

PIA - Prüfinstitut für Abwassertechnik GmbH

(PIA GmbH)

Hergenrather Weg 30

D-52074 Aachen

Certified according to
ISO 9001:2000



Notified Body number: 1739



This document replaces neither the declaration
of conformity nor the CE marking.

Prüfinstitut für Abwassertechnik GmbH

Salehi

geprüft - tested - teste

Ramin Salehi

February 2010