

PERFORMANCE RESULTS

FANN VA – teknik AB
Dackevägen 33, 17734 Järfälla
Sweden

EN 12566-3, Annex B
“Small wastewater treatment systems for up to 50 PT”

Small wastewater treatment system Biobed 5
Aerated filter system with chemical dosing into primary tank

Nominal organic daily load	0.37	kg/d
Nominal hydraulic daily load	0.90	m ³ /d
Material	polyethylene	
Treatment efficiency (nominal sequences)	COD	97.8 %
	BOD ₅	98.7 %
	SS	99.3 %
	NH ₄ -N*	83.8 %
	N _{tot} *	53.3 %
	P _{tot}	99.3 %
Electrical consumption	0.77	kWh/d

* determined for temperatures $\geq 12^{\circ}\text{C}$ 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
[Signature]
geprüft - tested - teste

Elmar Lancé

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