



Prüfinstitut für
Abwassertechnik
GmbH

PERFORMANCE RESULTS

Clenviro Ltd

Unit 1C, Queensway Business Park, Telford, Shropshire, TF1 7UL
England

EN 12566-3, Annex B

Results corresponding to the Irish National Annex for IS EN 12566-3

Small wastewater treatment system MATRIX CLF

Submerged fixed film process

Test report PIA2008-093B49

Nominal organic daily load*	0.34 kg/d		
Nominal hydraulic daily load	1.20 m ³ /d		
Material	polypropylene		
Watertightness (Annex A)	pass		
Structural behaviour (pit test)	pass (also wet conditions)		
Durability	pass		
Treatment efficiency (nominal sequences)		Efficiency	Effluent
	COD	91.4 %	56 mg/l
	BOD ₅	96.2 %	11 mg/l
	SS	95.5 %	16 mg/l
	NH ₄ -N**	83.3 %	5.9 mg/l
Electrical consumption	1.4 kWh/d		

*at a test influent of ≥ 300 mg/l BOD₅ (mean)

**determined for temperatures $\geq 12^{\circ}\text{C}$ in the bioreactor

Performance tested by:

PIA – Prüfinstitut für Abwassertechnik GmbH

(PIA GmbH)

Hergentrather Weg 30

52074 Aachen, Germany

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



Notified Body
No.: 1739



Certified according to
ISO 9001:2008



Deutsche
Akkreditierungsstelle
D-PL-17712-01-00

Prüfinstitut für Abwassertechnik GmbH
geprüft - tested - teste

Elmar Lancé

January 2016