

PERFORMANCE RESULTS

WTE Ltd

Unit 2, Bolton Lane, York, YO41 5QX, United Kingdom

EN 12566-3, Annex B

Small wastewater treatment systems for up to 50 PT

Small wastewater treatment system Vortex 5

Activated sludge system in two chambers without primary settlement

Test report PIA2017-301B09

Nominal organic daily load	0.25 kg BOD ₅ /d	
Nominal hydraulic daily load	0.75 m ³ /d	
Material	Polyethylene	
Treatment efficiency (nominal sequences)	Efficiency	Effluent
	COD	93.8 % 55 mg/l
	BOD ₅	97.3 % 9 mg/l
	NH ₄ -N*	94.6 % 1.8 mg/l
	SS	95.3 % 17 mg/l
Electrical consumption	1.2 kWh/d	

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

Performance tested by:

PIA – Prüfinstitut für Abwassertechnik GmbH

(PIA GmbH)

Hergener 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



Elmar Lancé

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