

Certificate



387.01C03

WTE Ltd

Blackberry Farm, Fog Lane, Ellerton, York, YO42 4PU, United Kingdom

EN 12566-3, Annex B

Small wastewater treatment systems for up to 50 PT

Small wastewater treatment system Cyclone

MBBR (Moving Bed Biofilm Reactor)

Test report PIA2021-387B22-02

Evaluation of the nominal sequences of the 38-week testing

Nominal organic daily load (influent)	0.22 kg BOD ₅ /d		
Nominal hydraulic daily load	0.60 m ³ /d		
Material	High-density polyethylene		
Treatment efficiency		Efficiency	Effluent
	COD	94.7 %	46 mg/l
	BOD ₅	97.7 %	8 mg/l
	TN _b	50.2 %	30 mg/l
	NH ₄ -N*	91.5 %	3.6 mg/l
	P _{tot}	38.9 %	4.5 mg/l
	SS	97.9 %	8 mg/l

Evaluation of the complete 38-week testing

Electrical consumption	0.41 kWh/d
Number of desludging	0

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

Tested by:

PIA – Prüfinstitut für Abwassertechnik GmbH

(PIA GmbH)

Hergenrather Weg 30

52074 Aachen, Germany

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



Notified Body
No.: 1739



PIA - Sustainable Certification

geprüft - tested - testé

Martina Wermter

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