



Prüfinstitut für  
Abwassertechnik  
GmbH

## TREATMENT PERFORMANCE RESULTS

Initial type test performed by **Ingenieurbüro Bokatec** (Treatment system **Aero**)

Distributed by **PPU Umwelttechnik GmbH**  
95448 Bayreuth, Germany

**EN 12566-3 Annex B**

Results corresponding to EN 12566-3 and S.R. 66

PIA-SR66-1904-1024, shared III

**Small wastewater treatment system QuickONE+**

Completely aerated SBR treatment process in a one chamber tank (initial type test) in  
combination with Evergreen tanks

Nominal organic daily load	0.23 kg/d		
Nominal hydraulic daily load	0.75 m <sup>3</sup> /d		
Treatment efficiency (nominal sequences)		Efficiency	Effluent
	COD	83.7 %	48 mg/l
	BOD <sub>5</sub>	98.1 %	6 mg/l
	NH <sub>4</sub> -N	99.4 %	0.2 mg/l
	SS	95.8 %	17 mg/l
Number of desludging	Not more than once		
Electrical consumption	0.52 kWh/d		

Performance tested by:

**PIA – Prüfinstitut für Abwassertechnik GmbH**  
(PIA GmbH)  
Hergersrather Weg 30  
52074 Aachen, Germany

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



Notified Body  
No. 1733



Certified according to  
ISO 9001:2008



Certified according to  
ISO 14001:2004



DAkkS  
Deutsche  
Accreditationsgesellschaft  
DIN EN ISO/IEC 17025

Prüfinstitut für Abwassertechnik GmbH  
*M. Wemmer*  
Prüfung - Testlab - 1733

Marika Wemmer

June 2019

Prüfinstitut für Abwassertechnik GmbH

Prüfeinrichtung des Prüf- und Entwicklungsinstituts  
für Abwassertechnik an der RWTH Aachen

**PIA**

Prüfinstitut für  
Abwassertechnik  
GmbH



**Confirmation about test results  
according to EN 12566-7  
of the tertiary treatment modules**

**Evergreen sand polishing modules**

**Evergreen Water Treatment**

**Test report – No PIA2018-SB-096B32**

Aachen, September 2018

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Head of the "Test Field"



## TREATMENT PERFORMANCE RESULTS

Evergreen Water Treatment  
Boherbue, Co. Cork, Mallow

EN 12566-3 Annex A and C  
Results corresponding to EN 12566-3 and S.R. 66  
PIA-SR66-1904-1024, shared fit

**Biotech GRP-Tank**  
Grp-tanks for completely aerated SBR treatment process in one  
chamber in combination with PPU QuickONE+ Kit

Material	Polyethylene (grp)
Watertightness	Pass
Structural behaviour (PIT Test)	Pass (also wet conditions)
Durability	Pass

Performance tested by:

**PIA – Prüfinstitut für Abwassertechnik GmbH**  
(PIA GmbH)  
Hergenthaler Weg 30  
52074 Aachen, Germany

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Notified Body  
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Accreditationsgesellschaft  
DIN EN ISO 9001

Prüfinstitut für Abwassertechnik GmbH

*Daniel Verschoor*

Daniel Verschoor June 2010



**DECLARATION OF PERFORMANCE**  
**No. Evergreen EN12566-7 01/2019 EN**

1. *Unique identification code of the product-type:*

Prefabricated tertiary treatment units –  
Evergreen sand polishing modules

2. *Intended use:*

Tertiary treatment units for small wastewater  
treatment systems effluent for up to 50 PT –  
Evergreen sand polishing modules

3. *Manufacturer:*

Evergr  
een  
Boherb  
ue  
Mallow  
Co. Cor  
k P51  
H2D2  
Ireland

4. *Authorised representative:*

Not applicable



5. *System of AVCP:*