



Certificate

Nr. 438.01C04

Coconut Fibre Tero System

Tertiary treatment unit

TRICEL (Killarney) Unlimited Company

Ballyspillane Ind. Est., Killarney, Co. Kerry, Ireland

EN 12566-7:2013, Annex A

Small wastewater treatment systems for up to 50 PT – Part 7:
Prefabricated tertiary treatment units



Only valid in combination with test report PIA2023-T7-438S23.
This certificate replaces certificate no. 438.01C03.

Evaluation according to EN 12566-7, Annex A

Organic daily load (influent) 0.01 kg BOD₅/d

Hydraulic daily load 0.90 m³/d

Tank material PE

| Treatment efficiency | Efficiency | Effluent |
|----------------------|------------|-----------|
| COD | - 67.6 % | 54 mg/l |
| BOD ₅ | 37.8 % | 5 mg/l |
| TN _b * | 18.2 % | 24.0 mg/l |
| NH ₄ -N* | 95.7 % | 0.2 mg/l |
| SS | 64.4 % | 4 mg/l |

Electrical consumption (Nominal) 0.2 kWh/d

Number of desludging (complete test) 0

Number of maintenance operations during the test (without start-up phase) 0

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

Tested by:
PIA – Prüfinstitut für Abwassertechnik GmbH
Hergenrather Weg 30
52074 Aachen, Germany

This document replaces neither the declaration of performance nor the CE marking.
The results relate only to the tested object.

PIA – Sustainable Certification

geprüft – tested – testé

January 2024, Dipl.-Ing. Gabriel Schatzki
Head of department "Wastewater Treatment"



Notified Body
No.: 1739



Certified according to
ISO 9001:2015