



Certificate

273-SL.00C02

PPU Umwelttechnik GmbH
Carl-Kolb-Str. 6, 95448 Bayreuth, Germany

Small wastewater treatment system Quick 1+
SBR treatment process in a one-chamber tank with phosphate elimination

33 weeks holiday house test
consisting of the following phases:

- (1) 28 weeks low occupation stress (0 %)
- (2) 5 weeks nominal phase (100 %)

This certificate is valid until 18 May 2025.

Nominal organic daily load	0.23 kg BOD ₅ /d		
Nominal hydraulic daily load	0.75 m ³ /d		
Material	Polyethylene		
Treatment efficiency		Efficiency	Effluent
	COD	93.2 %	51 mg/l
	BOD ₅	98.1 %	6 mg/l
	TN _b	43.0 %	36 mg/l
	NH ₄ -N	71.8 %	9.3 mg/l
	P _{tot} *	81.6 %	1.2 mg/l
	SS	90.9 %	33 mg/l
Electrical consumption	0.65 kWh/d		

** P_{tot} without evaluation of the first day: efficiency 85.6 % and effluent 0.9 mg/l*

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.

PIA – Sustainable Certification
M. Wermter
geprüft – tested – testé

Martina Wermter

May 2022



Notified Body
No.: 1739



Certified according to
ISO 9001:2015