Prüfinstitut für Abwassertechnik GmbH

PERFORMANCE RESULTS

Otto Graf GmbH
Carl-Zeiss-Str. 2 - 6, 79331 Teningen, Germany

EN 12566-3
Small wastewater treatment systems for up to 50 PT

Small wastewater treatment system one2clean
SBR plant in one two-zone polypropylene tank

Test report PIA2014-216B14.01.e

Nominal organic daily load*	0.27	kg/d
Nominal hydraulic daily load	0.75	m³/d
Material	polypropylene	

Treatment efficiency (nominal sequences)	Efficiency	Effluent
COD	94.2 %	43 mg/l
BOD_5	98.0 %	7 mg/l
SS	96.3 %	14 mg/l
NH_4-N**	98.3 %	0.5 mg/l
N_{tot}**	87.0 %	7.9 mg/l
P_{tot}	80.2 %	1.6 mg/l

Electrical consumption	0.63	kWh/d

**at a test influent of ≥ 300 mg/l BOD_5 (mean)*
***determined for temperatures ≥ 12°C in the bioreactor*

Performance 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.

Prüfinstitut für Abwassertechnik GmbH

geprüft - tested - testé

Notified Body No.: 1739

Certified according to ISO 9001:2008

DAkkS Deutsche Akkreditierungsstelle D-PL-17712-01-00

Elmar Lancé November 2014