

TREATMENT PERFORMANCE RESULTS

Shay Murtagh Ltd.
Raharney, Mullingar, Co. Westmeath, Ireland

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

PIA-SR66-1612-1133

Septech 2000
Fluidised bed system

Nominal organic daily load	0.36 kg/d		
Nominal hydraulic daily load	1.20 m ³ /d		
Material	Concrete		
Watertightness	Pass		
Crushing resistance (vertical load test)	Pass (also wet conditions)		
Durability	Pass		
Treatment efficiency (nominal sequences)		Efficiency	Effluent
	COD	92.3 %	58 mg/l
	BOD ₅	95.7 %	17 mg/l
	NH ₄ -N	86.4 %	5.8 mg/l
	SS	94.3 %	21 mg/l
Number of desludging	Not more than once		
Electrical consumption	1.2 kWh/d		

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.



Notified Body
No.: 1739



Certified according to
ISO 9001:2008

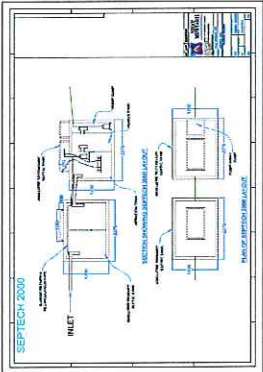


Prüfinstitut für Abwassertechnik GmbH
Elmar Lancé
geprüft - tested - testé

Elmar Lancé

December 2016

Septech range and its referring test reports:

Name of the model and/or population equivalent (PE)	Drawing of model of the range	Watertightness (EN 12566-3 Annex A)	Treatment Efficiency (EN 12566-3 Annex B)	Structural Behaviour (EN 12566-3 Annex C)	Durability
Initial Type Test (ITT) 8		Pass PIA2012-156B22	Pass PIA2012-156B22	Pass PIA2013-ST-BT-1305-1030 For wet ground conditions also, installation depth 0.80 m from inlet invert	Pass PIA2016-DH-1602-1025.01

