



Testing Institute
for Wastewater
Technology

PERFORMANCE RESULTS

Balmoral Tanks Ltd.

Balmoral Park, Loirston, Aberdeen, AB12 3GY
United Kingdom

EN 12566-3

Results corresponding to the Irish National Annex for IS EN 12566-3

Small wastewater treatment system (HydroClear) 6-20 biological aerated moving media process

Nominal organic daily load*	0.38	kg/d		
Nominal hydraulic daily load	1.20	m ³ /d		
Material	polyethylene			
Watertightness (water / vacuum test)	pass			
Crushing resistance (vertical load test)	pass (dry conditions)			
Durability	pass			
Treatment efficiency (nominal sequences)		Efficiency	Effluent	
	COD	91.2 %	59 mg/l	
	BOD ₅	96.6 %	11 mg/l	
	NH ₄ -N**	85.8 %	4.5 mg/l	
	SS	94.7 %	19 mg/l	
Electrical consumption	1.8	kWh/d		

* at a test influent of ≥ 300 mg/l BOD₅ (mean)
** determined for temperatures $\geq 12^{\circ}\text{C}$ in the bioreactor

Performance tested by:

PIA – Prüfinstitut für Abwassertechnik GmbH

(PIA GmbH)

Hergenrather Weg 30

D-52074 Aachen

Certified according to
ISO 9001:2008



Notified Body number: 1739



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

Prüfinstitut für Abwassertechnik GmbH

geprüft - tested - teste

Elmar Lancé

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