

## PERFORMANCE RESULTS

**Balmoral Tanks Ltd.**  
Balmoral Park, Loirston, Aberdeen, AB12 3GY, United Kingdom

### EN 12566-3

"Small wastewater treatment systems for up to 50 PT"

**Small wastewater treatment system ( HydroClear )**  
biological aerated moving media process

Nominal organic daily load	0.38	kg/d
Nominal hydraulic daily load	1.20	m <sup>3</sup> /d
Material	polyethylene	
Watertightness	pass	
Crushing resistance	pass	
Treatment efficiency (nominal sequences)	COD	91.2 %
	BOD <sub>5</sub>	96.6 %
	SS	94.7 %
	NH <sub>4</sub> -N*	85.8 %
Electrical consumption	1.8	kWh/d

\* 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 9001:2000



Notified Body number: 1739 

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

Prüfinstitut für Abwassertechnik GmbH  
  
geprüft - tested - testé

Elmar Lancé

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