

TREATMENT PERFORMANCE RESULTS

Clarehill Plastics Ltd.

21 Clarehill Road, BT670PB, Moira, County Armagh, Great Britain

EN 12566-3

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

PIA-SR66-1603-1039

HydroClear

Biological aerated moving media process

Nominal organic daily load	0.38 kg/d		
Nominal hydraulic daily load	1.20 m³/d		
Material	Polyethylene		
Watertightness	Pass		
Structural behaviour (Pit Test)	Pass (also wet 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
Number of desludging	Not more than once		
Electrical consumption	1.8 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



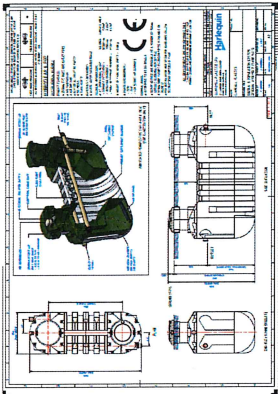
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Akkreditierungsstelle
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Prüfinstitut für Abwassertechnik GmbH
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Geprüft - tested - teste

Elmar Lancé

July 2016

HydroClear range and its referring test reports:

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) 6		Pass PIA2008-WD-AT0807-1040	Pass PIA2012-153B23	Pass PIA2015-ST-PIT-1507-1037.01 For wet ground conditions, 0.95 m installation depth from inlet invert	Pass PIA2016-DH-1507-1037.01

