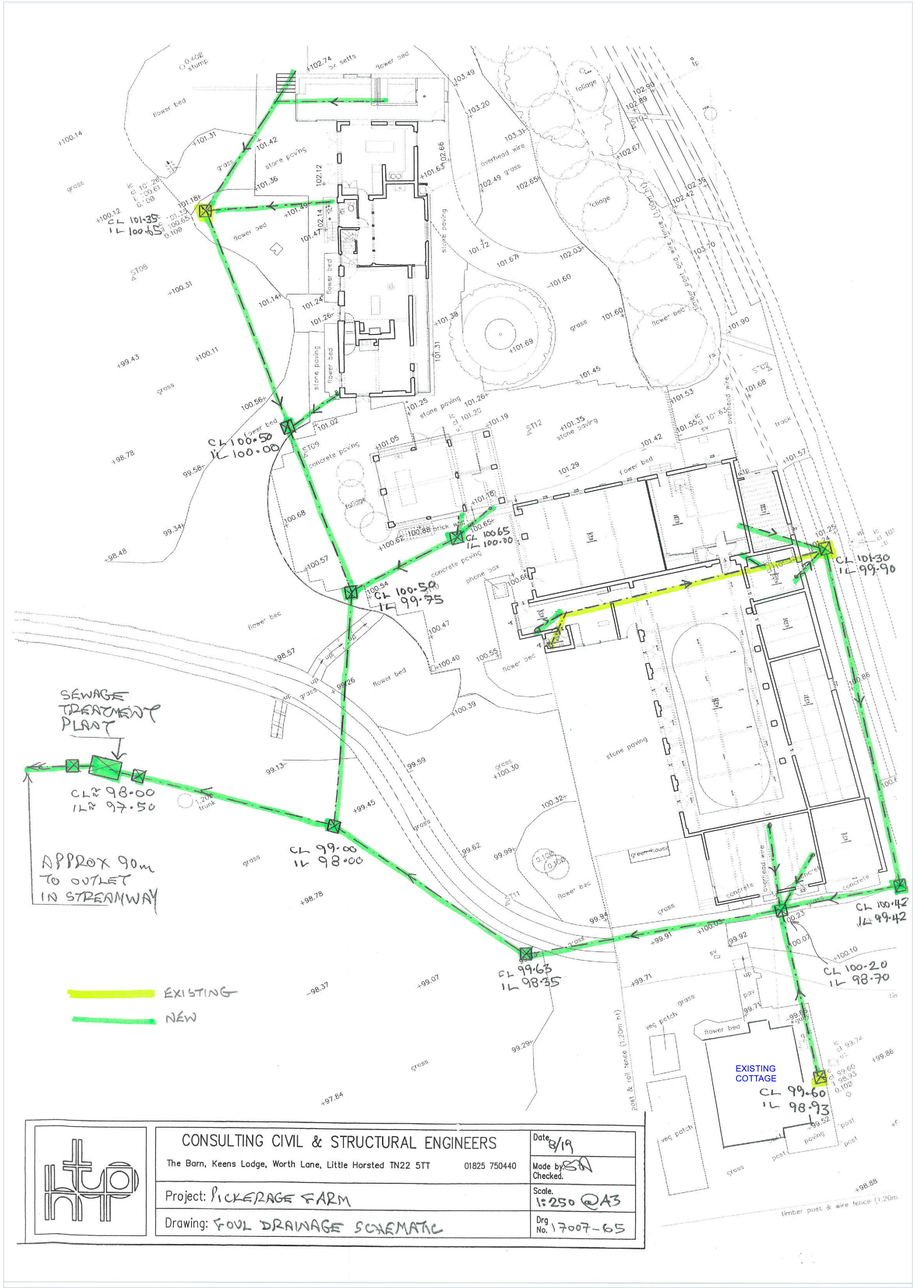


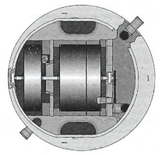
1 EXISTING SITEWIDE DRAINAGE SCHEMATIC
NTS

013103
OWNERS HANDBOOK
BA-BC BioDisc

Kingspan Environmental

Kingspan Environmental Service Contact Numbers:

GB: 0844 846 0500
NI: 028 3025 4077
IL: 048 3025 4077



MANAGED FLOW
BIODISC®
BA BAx BB BC NB NC

Issue	Description	Date
02	CC1088	September 2012

BIODISC BA to BF - DECLARATION OF PERFORMANCE

kingspan-klargester-biodisc-ba-to-bf-dop-en-oct2021-v2

1. Unique identification code of the product-type:

Wastewater Treatment Plant for up to 50 Population Equivalents
BA, BB, BC, BD & BE BioDisc

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR:

BioDisc Prefabricated Domestic Wastewater Treatment Plant: See CE marking affixed to product
BA to BE

3. Intended use/es of the product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

To be used for Collection & Treatment of Wastewater from Domestic applications up to 50 Population Equivalent

4. Manufacturer name, registered trade name or registered trade mark and contact address as required under Article 11(5):

Kingspan Water & Energy Ltd
College Rd North
Aston Clinton, Aylesbury, Buckinghamshire
HP22 5EW

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

N/A

6. System/s of assessment and verification of constancy of performance (AVCP) of the product as set out in CPR, Annex V:

3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

EN:12566-3:2005+A2:2013

Notified body/ bodies:

Notified Body No: 1739 + PIA Prüfinstitut für Abwasserlechnik GmbH

Document date:	Document version no:	ECN no:
12/10/2021	V1.	1587

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2 SPEC
NA

The system was designed by HTP, following a percolation test.

A large Klargester is sized and the outfall taken down to discharge in the stream, as per attached drawing

The installation has been inspected and verified, and signed off by Building Control.

The new Biodisc was commissioned ahead of use.

8. Declared performance/s:

Essential characteristics		Performance		Harmonised technical specification
Structural Behaviour		Confirmed by Pit Test under the following Conditions: - Maximum Installation Depth 0m over cover level - Wet conditions maximum water level 2.49m		EN:12566-3:2005+A2:2013
Reaction to fire		Class E		
Water Tightness (water test)		Water Tight (water test)		
Material Durability		Creep Factor amaterial = 0.48 (average value) Ageing Factor (B) = 0.46 (average value)		
Treatment Efficiency	COD	89.4%	59 mg/l	
	BOD_5	96.7%	10 mg/l	
	NH_4-N	88.6%	3.8 mg/l	
	SS	94.8%	15 mg/l	
	P	NPD	NPD	
	KN	NPD	NPD	
Electrical Consumption (measured during 38-week test)		1.3kWh/d		
Emission of Dangerous Substances		NPD		

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

David Anderson – Water Business Unit Director

At Portadown on 22 September 2021

Document date:	Document version no:	ECN no:
12/10/2021	V1.	1587

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HAPA ARCHITECTS

Job Name	Pickeridge Cottage, Cob Ln, Ardingly, Haywards Heath, RH17 6ST
Status: INFORMATION	Drawing Title: EXISTING DRAINAGE SCHEMATIC
Date: FEB '25	Scale: NTS
Job Ref: 0355	Drawing Number: 131

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