

TREATMENT PERFORMANCE RESULTS

PPR Carlow Concrete Tanks
Drumberry, Bunclody, Co. Wexford, Ireland

EN 12566-3

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

PIA-SR66-1601-1003

Biogreen BAF

Fluidised bed reactor

Nominal organic daily load	0.22 kg/d		
Nominal hydraulic daily load	0.72 m ³ /d		
Material	Concrete		
Watertightness	Pass		
Structural behaviour (Calculation)	Pass (also wet conditions)		
Durability	Pass		
Treatment efficiency (nominal sequences)		Efficiency	Effluent
	COD	89.0 %	66 mg/l
	BOD ₅	93.5 %	19 mg/l
	NH ₄ -N	92.6 %	8 mg/l
	SS	77.9 %	25 mg/l
Number of desludging	Not more than once		
Electrical consumption	2.1 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

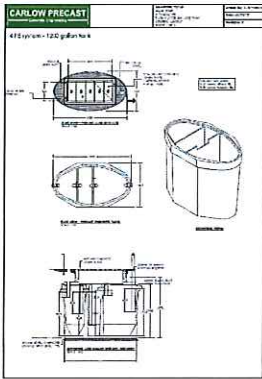
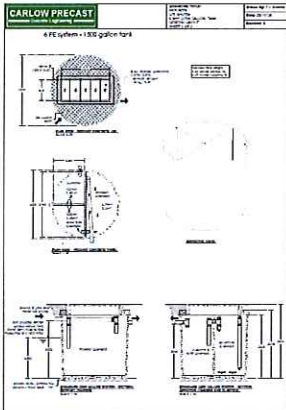
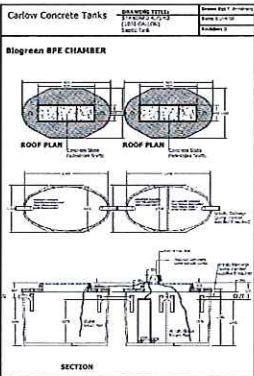


Prüfinstitut für Abwassertechnik GmbH
Elmar Lancé
geprüft - tested - teste

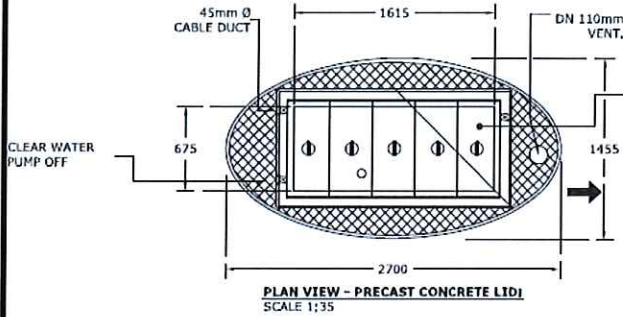
Elmar Lancé

July 2016

Biogreen BAF range and its referring test reports:

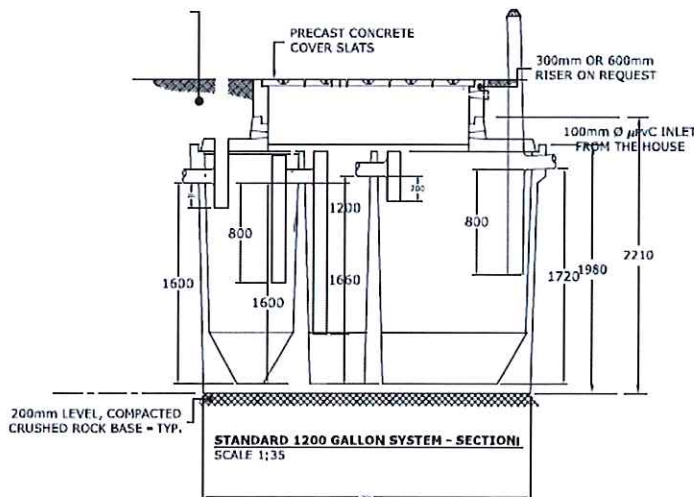
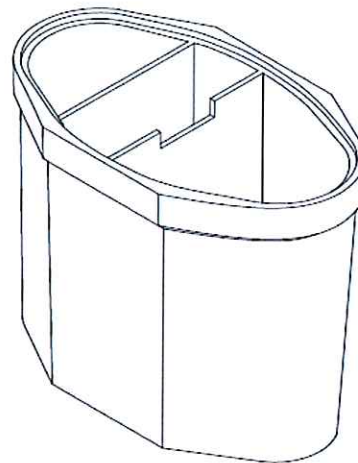
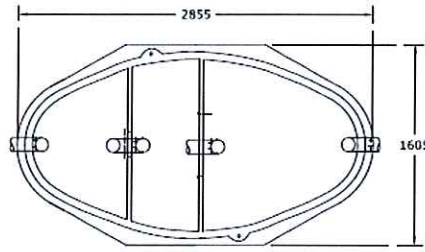
Population equivalent (PE)	Drawing of model of the range	Watertightness (EN 12566-3 Annex A)	Treatment Efficiency (EN 12566-3 Annex B)	Structural Behaviour (EN 12566-3 Annex C)	Durability
Initial Type Test (ITT) 4		Pass PIA2012-WD-1203-1017	Pass PIA2012-109B04	Pass PIA-2009-ST-AT0710-1012 For wet ground conditions also, installation depth 1.25 m from inlet invert	Pass PIA2016-DH-1601-1003.01
6		Pass PIA2013-WD-1203-1017	Pass Range conformity according to S.R. 66:2015	For wet ground conditions also, installation depth 1.25 m from inlet invert	Pass PIA2016-DH-1601-1003.01
8		Pass PIA2012-WD-1203-1017	Pass Range conformity according to S.R. 66:2015	Pass For wet ground conditions also, installation depth 1.25 m from inlet invert	Pass PIA2016-DH-1601-1003.01

4 PE system - 1200 gallon tank



5 No. PRECAST CONCRETE COVER SLATS.
- APPROX. WEIGHT
- 34 kg / SLAT,

Standard tank weight
4,20 tonnes without lid,
5,50 tonnes including lid.



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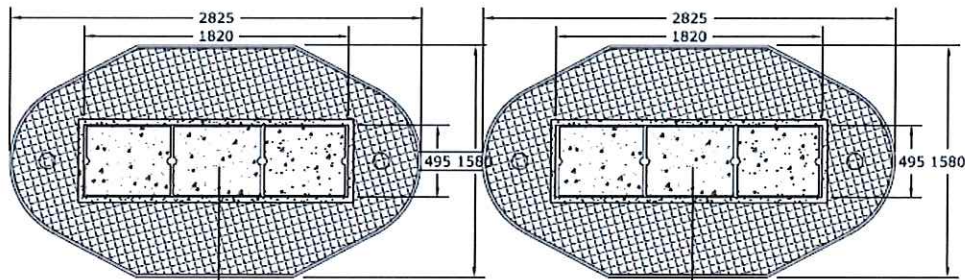
DRAWING TITLE:
 STANDARD 4.75m³
 (1000 GALLON)
 Septic Tank

Drawn By: T. Armstrong

Date: 01/06/08

Revision: 0

Biogreen 8PE CHAMBER

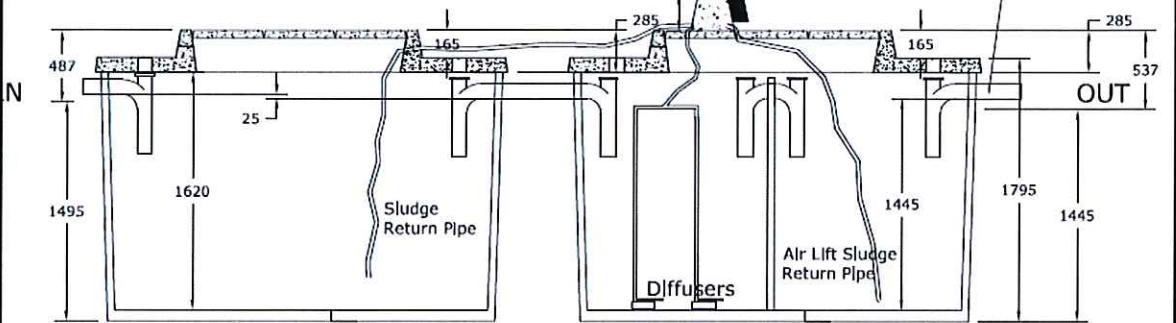
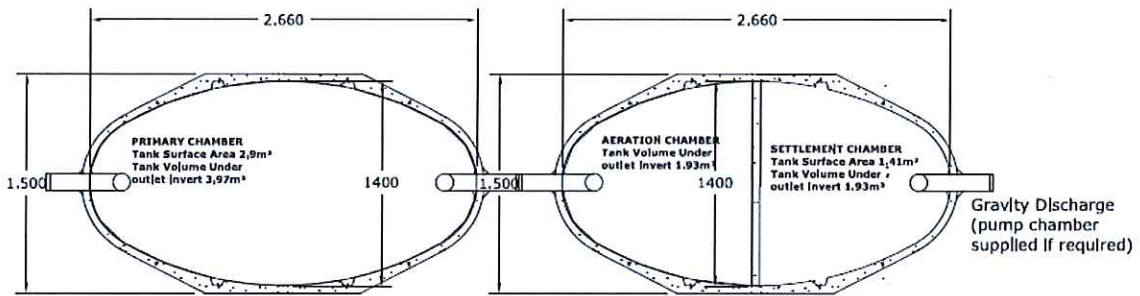


ROOF PLAN

Concrete Slabs
 Pedestrian Traffic

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SECTION