

TREATMENT PERFORMANCE RESULTS

utp umwelttechnik pöhl GmbH
 Weidenberger Str- 2-4, 95517 Seybothenreuth, Germany

EN 12566-3 Annex B

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

PIA-SR66-1612-1130, shared itt

Small wastewater treatment system Euro Bio_D

Sequencing batch reactor (SBR) process (initial type test) in combination with Ireland Waste
 Water concrete tanks

Nominal organic daily load	0.26 kg/d		
Nominal hydraulic daily load	0.90 m ³ /d		
Treatment efficiency (nominal sequences)		Efficiency	Effluent
	COD	94.5 %	35 mg/l
	BOD ₅	98.6 %	4 mg/l
	NH ₄ -N	99.2 %	0.2 mg/l
	SS	96.5 %	11 mg/l
Number of desludging	Not more than once		
Electrical consumption	0.7 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
 geprüft - tested - testé

Elmar Lancé

December 2016

TREATMENT PERFORMANCE RESULTS

Ireland Waste Water

Coverhill, Ballymartle, Riverstick, Co. Cork

EN 12566-3 Annex A and C

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

PIA-SR66-1612-1130, shared itt

Euro Bio_D

Concrete Tank for SBR process in combination with
utp SBR treatment kit

Material	Concrete
Watertightness	Pass
Structural behaviour (crushing resistance)	Pass (also wet conditions)
Durability	Pass

Performance tested by:

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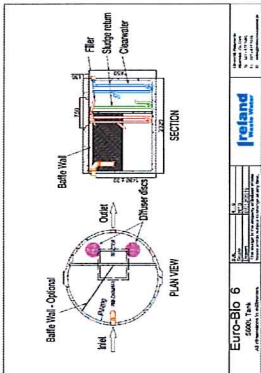
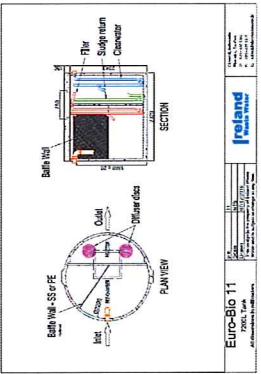
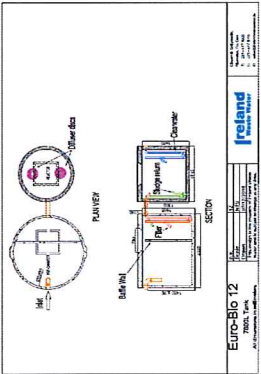
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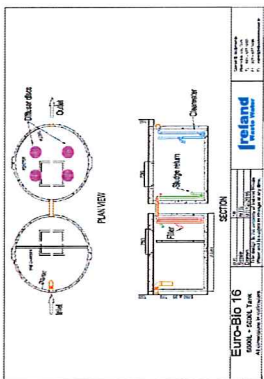
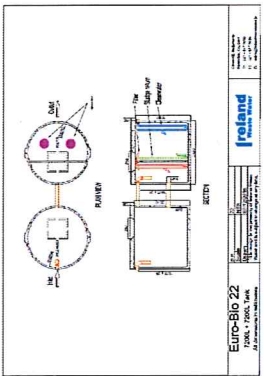
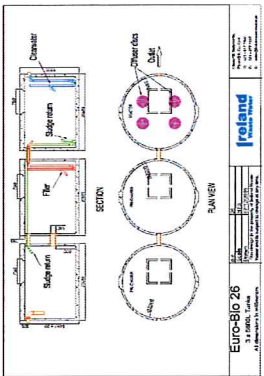
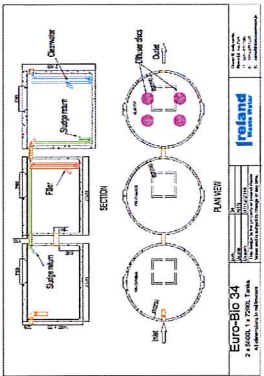


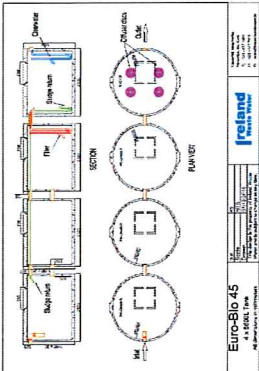
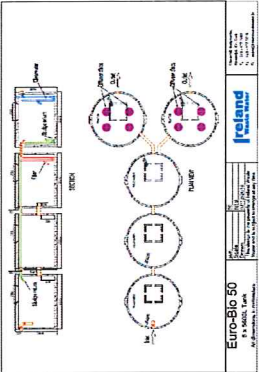
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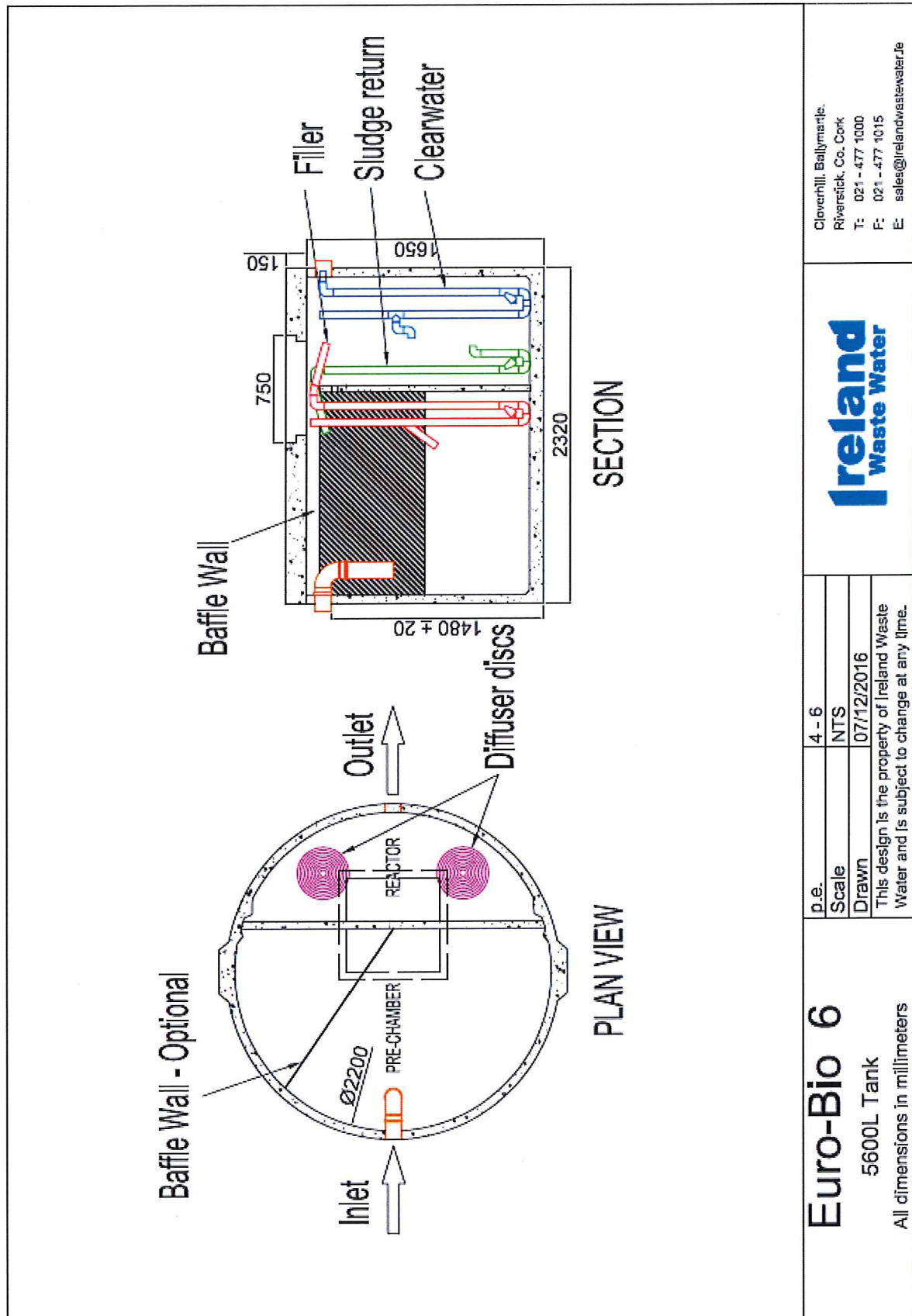
Prüfinstitut für Abwassertechnik GmbH
Geprüft - tested - teste
Elmar Lancé
December 2016

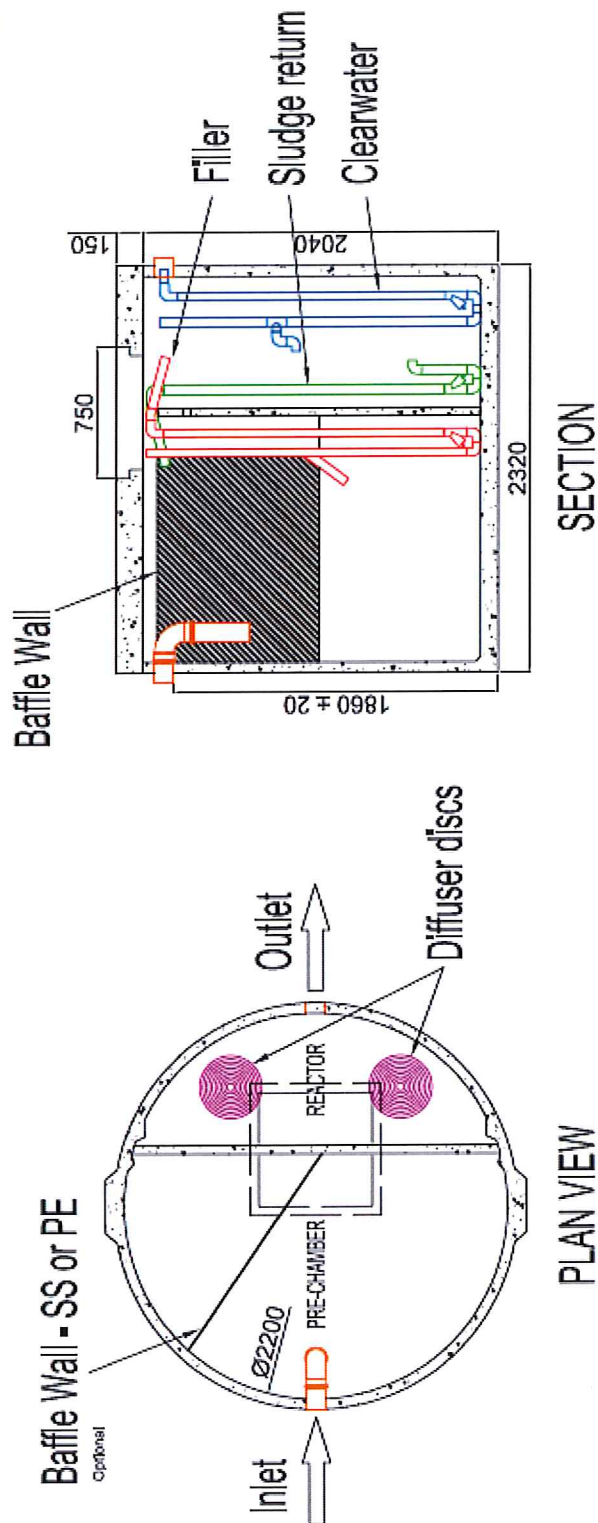
SBR range shared ITT and its referring test reports:

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	Not relevant	Not relevant	Pass PIA2008-074B36	Not relevant	Not relevant
Compared Tank 6		Pass PIA2007-WD 002	Pass Shared ITT conformity check according to S.R. 66:2015	Pass For wet ground conditions also, 1.50 m installation depth from inlet invert	Pass PIA2016-DH-1612-1130.01
11		Pass PIA2007-WD 002	Pass Range conformity according to S.R. 66:2015	Pass For wet ground conditions also, 1.50 m installation depth from inlet invert	Pass PIA2016-DH-1612-1130.01
12		Pass PIA2007-WD 002	Pass Range conformity according to S.R. 66:2015	Pass For wet ground conditions also, 1.50 m installation depth from inlet invert	Pass PIA2016-DH-1612-1130.01

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
16		Pass PIA2007-WD 002	Pass Range conformity according to S.R. 66:2015	Pass For wet ground conditions also, 1.50 m installation depth from inlet invert	Pass PIA2016-DH-1612-1130.01
22		Pass PIA2007-WD 002	Pass Range conformity according to S.R. 66:2015	Pass For wet ground conditions also, 1.50 m installation depth from inlet invert	Pass PIA2016-DH-1612-1130.01
26		Pass PIA2007-WD 002	Pass Range conformity according to S.R. 66:2015	Pass For wet ground conditions also, 1.50 m installation depth from inlet invert	Pass PIA2016-DH-1612-1130.01
34		Pass PIA2007-WD 002	Pass Range conformity according to S.R. 66:2015	Pass For wet ground conditions also, 1.50 m installation depth from inlet invert	Pass PIA2016-DH-1612-1130.01

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
45		Pass PIA2007-WD 002	Pass Range conformity according to S.R. 66:2015	Pass For wet ground conditions also, 1.50 m installation depth from inlet invert	Pass PIA2016-DH-1612-1130.01
50		Pass PIA2007-WD 002	Pass Range conformity according to S.R. 66:2015	Pass PIA2007-BT-011 For wet ground conditions also, 1.50 m installation depth from inlet invert	Pass PIA2016-DH-1612-1130.01





Euro-Bio 11

7200L Tank

All dimensions in millimeters

p.e. 11

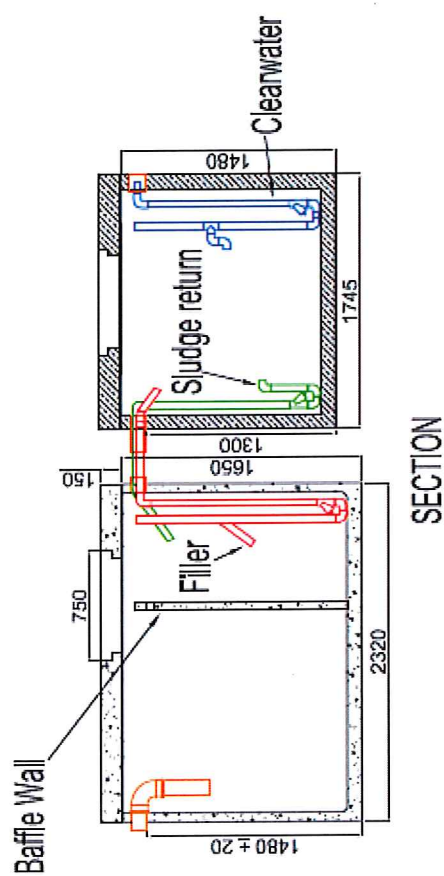
Scale NTS

Drawn 07/12/2016

This design is the property of Ireland Waste Water and is subject to change at any time.

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