



Roberts Construction Drainage

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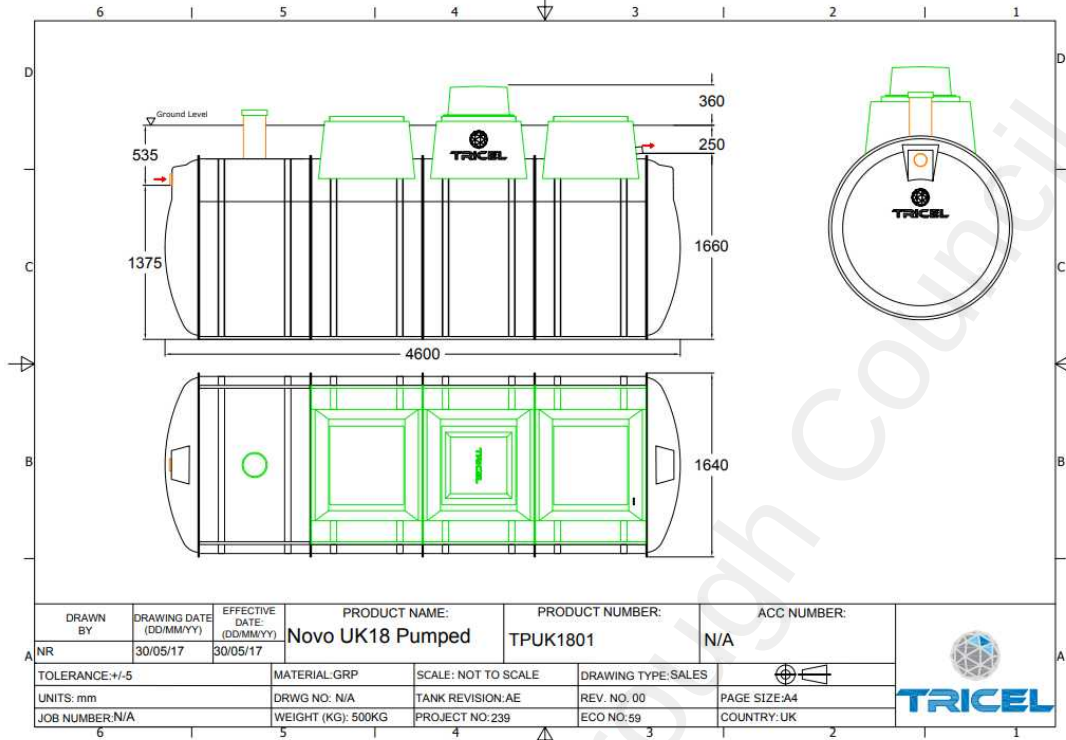
SITE: Lower Higham Road Gravesend Kent DA12 2NY

Engineer attended site for a full survey of the areas proposed along with carrying out a percolation test to the ground in three different areas of the property all areas where a application of drainage works are recommended.

Recommendation for new install is to fit a trichel novo uk pop18 sewage treatment plant with a pumped outlet running into a drainage field with four drainage soakaway crates at each end of the runs this will allow adequate amounts to drain naturally all work must be installed around pipework and crates with 10mm pea shingle and have a covering around the pipework of 200mm below, sides and above.

The sewage treatment plant install will be installed on a dry mix concrete base and and backfilled to the neck of the plant with a dry lean mix. Please see the specs of the plant recommended attached.

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Prüfinstitut für
Abwassertechnik
GmbH

PERFORMANCE RESULTS

Tricel (Gloucester)

Fox House, Stonedale Road, Stonehouse, Gloucestershire, GL 10 3SA
United Kingdom

EN 12566-3

Small wastewater treatment systems for up to 50 PT

Small wastewater treatment system Tricel Novo

Submerged fixed film reactor in a GRP tank

Nominal organic daily load	0.26	kg BOD ₅ /d
Nominal hydraulic daily load	0.90	m ³ /d
Material	glass reinforced plastic (GRP)	
Watertightness (vacuum test)	pass	
Crushing resistance (calculation method)	pass (also wet conditions)	
Durability	pass	
Treatment efficiency (nominal sequences)	COD	91.6 %
	BOD ₅	95.9 %
	SS	95.3 %
	NH ₄ -N*	79.9 %
Electrical consumption	1.1	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
52074 Aachen, Germany

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



Notified Body
Nr.: 1739



Certified according to
ISO 9001:2008



Deutsche
Akkreditierungsstelle
D-PL-17712-01-00

Prüfinstitut für Abwassertechnik GmbH
geprüft - tested - testé

Elmar Lancé

March 2014



Manual - Tricel Novo UK6-50 1011769 Rev 15 Feb 2021.pdf



trichel-novo-sewage-treatment-uk.pdf



Lower Higham Road-221007_002_Proposed Block PlanNEW.pdf

Site: Lower Higham Road

Test: Percolation

Duration: 12 minutes

Depth: 300mm x 300mm

Test Results: 6 minutes - 75% 11 minutes - 25% 12 minutes - 5%





