PERFORMANCE RESULTS

WTE Ltd
Unit 2, Bolton Lane, York, YO41 5QX, United Kingdom

EN 12566-3, Annex B
Small wastewater treatment systems for up to 50 PT

Small wastewater treatment system Vortex 5
Activated sludge system in two chambers without primary settlement
Test report PIA2017-301B09

Nominal organic daily load 0.25 kg BOD₅/d
Nominal hydraulic daily load 0.75 m³/d
Material Polyethylene

Treatment efficiency (nominal sequences)  Efficiency  Effluent
COD    93.8 %  56 mg/l
BOD₅   97.3 %  9 mg/l
NH₄-N*  94.6 %  1.8 mg/l
SS     95.3 %  17 mg/l

Electrical consumption 1.2 kWh/d

* Determined for temperatures ≥ 12 °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 performance nor the CE marking.

Elmar Lancé  January 2018