



Test Report

REPORT NO:
315905-1

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Initials: MLUN/UHI
Order no.: 315905-1
Appendix: 4

Customer: Company: Watercare
Address: Stejlebjergvej 14
City: 5610 Assens

Material: The septic tank is a nominal size NC 2. The septic tank is tested with a water flow of 0,5 l/s.

The septic tank is a three chamber tank with chamber 3 for the pump. The incoming pipe is $\varnothing$ 110 mm with one $\varnothing$ 675 mm access opening. The tank is made of PE. An illustration of the septic tank is shown in report appendix 2. The test was carried out on a factory-made septic tank.

Sampling: The test separator was sent to the Danish Technological Institute by the manufacturer and received April 16th, 2025.

Method: The test was carried out according to: DS/EN 12566-1: 2003 with Amendment A.
1. Capacity test, Annex A
2. Watertightness, Annex A
3. Testing of the hydraulic efficiency, Annex B

Period: The test was carried out in April 2025.

Result: The test shows that the separator meets all relevant requirements in CEN standard DS/EN 12566-1. The results of the hydraulic efficiency test are shown in appendix 1.

- The septic tank has a nominal capacity of NC 2. The measured capacity of chamber 1 and 2 was 2195 L (2.195 m³).
- The septic tank was watertight after 30 min. of testing.

With a flow of 0.5 l/s, 5 out of 5 results are below 5 grams.

Terms: This analysis/test was conducted accredited in accordance with international requirements (ISO/IEC 17025:2005) and in accordance with the General Terms and Conditions of Danish Technological Institute. The test results solely apply to the tested item. This analysis report/ test report may be quoted in extract only if Danish Technological Institute has granted its written consent.

Place: Dato 06.05.2025, Teknologisk Institut, Taastrup, Pipe Centre

Signatur: Mikkel Koch Lundahl
Consultant - Executive

Ulrik Hindsberger
Project Leader - Fellow reader



DIGITALLY SIGNED DOCUMENT

6 May 2025

DANISH TECHNOLOGICAL INSTITUTE



Test Reg. nr. 2



Appendix 1:

Test conditions, extracts from CEN standard DS/EN 12566-1

Reference to section in CEN standard DS/EN 12566-1

The conformity of the test separator with the manufacturer's construction drawings has been controlled.

Annex A

Nominal Capacity

A capacity of 2195 L (2.195 m³) was measured to the outlet of the septic tank with 2 chambers included (third chamber is blocked since this is a pump chamber). The nominal capacity is 2 (NC 2).

Watertightness

The septic tank was tight after 30 min. of testing.

Appendix 1. Test results of hydraulic efficiency

Five water samples were collected at the outlet and the quantity of beads were measured after the evaporation of water.

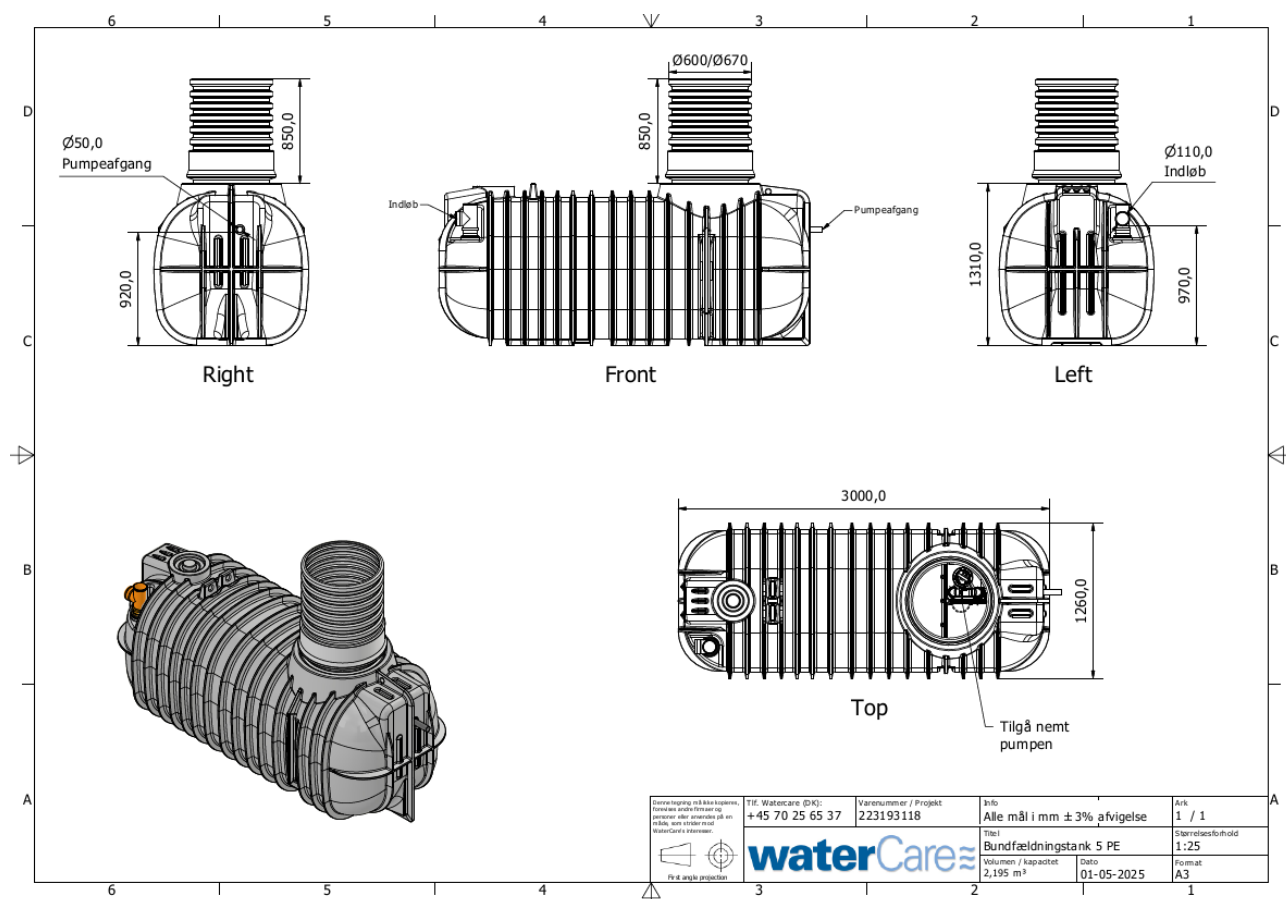
Sample no.	1	2	3	4	5
Test results (g)	0.65	2.01	3.63	2.70	4.84

Average of 5 results: 2.77 grams

Average of 4 lowest results: 2.25 grams

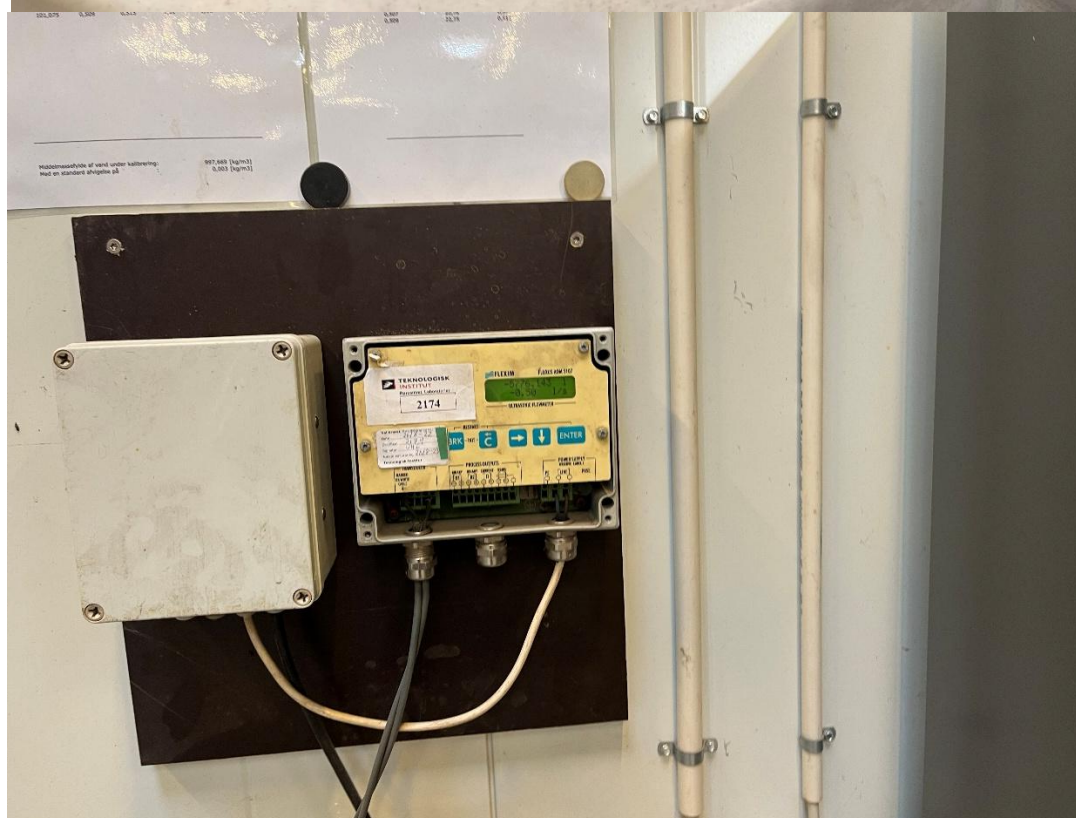


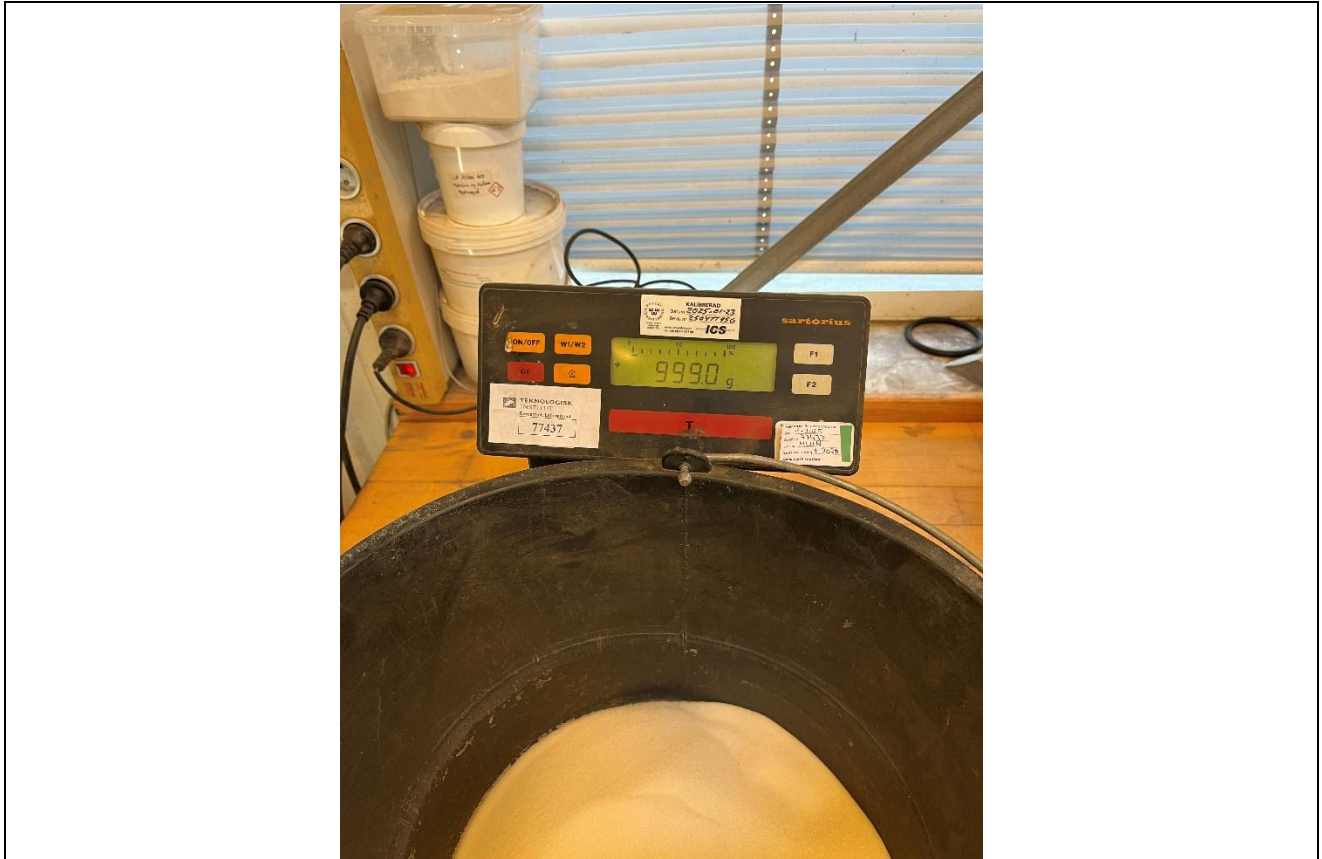
Appendix 2: Illustration



Appendix 3: Photos from test









Appendix 4:

In accordance with Regulation (EU) No. 305/2011 of the European Parliament and of the Council, the Construction Products Regulation (CPR), the test was conducted for the purpose of the assessment of the performance under AVCP System 3 as described in Regulation (EU) No. 568/2014 and in compliance with all applicable provisions of the CPR. The Danish Technological Institute is a notified body in accordance with CPR Article 48.

January 2021