



VĮ STATYBOS PRODUKCIJOS SERTIFIKAVIMO CENTRAS  
Linkmenų str. 28, LT-08217 Vilnius, Lithuania  
Notified body No. 1397

Waste Water Treatment Plant Laboratory



BANDYMAI  
ISO/IEC 17025

LIETUVOS  
NACIONALINIS  
AKREDITACIJOS  
BIURAS

Nr. LA. 01.103

TEST REPORT No. 1397-CPR-088/A\_s  
According to EN 12566-1:2000 and EN 12566-1:2000/A1:2003 Annex A.  
(Nominal capacity test)

2014-08-27

1. CLIENT: Novewater OÜ, reg. No.12171528, Suur-Sõjamäe 27c, Tallinn, Estonia No. NVI-59\_2014 at 2014-07-18.
2. MANUFACTURER: Novewater OÜ, reg. No.12171528, Suur-Sõjamäe 27c, Tallinn, Estonia No. NVI-59\_2014 at 2014-07-18.
3. SAMPLE: Small wastewater treatment system (SWWTS) ST2. Material – Glass reinforced plastic (GRP).
4. SAMPLE DELIVERY DATE: 2014-07-22.
5. TESTING LOCATION, ADDRESS AND DATE:
  - Wastewater treatment plant laboratory Maišiagala, Vilnius district.
  - The date 2014-08-05;
6. SAMPLING: Sampling was made by the Client. Sampling report No. 059-Novewater.
7. IDENTIFICATION OF THE METHOD USED:  
The test made according to EN 12566-1:2000 and EN 12566-1:2000/A1:2003 *Small wastewater treatment systems for up to 50 PT – Part 1: Septic tanks. Clause 5.4 and Annex A Clause A1. Nominal capacity test.*
8. TEST SPECIFICATIONS:  
The septic tank was filled to the outlet level with clean water. The volume of water recorded in liters with an accuracy of <1%.  
Ambient temperature during the test: 32 °C  
Water temperature: 12,0 °C
9. TEST RESULTS: 1,978 m<sup>3</sup> (1978 liters).
10. ASSESSMENT: No requirements for the test results in the standard.

*The test results relate only to the items tested.*

Head of laboratory

Arnas Danila

Director

Robertas Encius





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## TEST REPORT No. 1397-CPR-087/A.2

According EN 12566-3:2005+A2:2013 annex A.2, watertightness

2014-08-27

1. CLIENT: Novewater OÜ, reg. No.12171528, Suur-Sõjamäe 27c, Tallinn, Estonia No. NVI-59\_2014 at 2014-07-18.
2. MANUFACTURER: Novewater OÜ, reg. No.12171528, Suur-Sõjamäe 27c, Tallinn, Estonia No. NVI-59\_2014 at 2014-07-18.
3. SAMPLE: Small wastewater treatment system (SWWTS) ST2. Material – Glass reinforced plastic (GRP).
4. SAMPLE DELIVERY DATE: 2014-07-22.
5. TESTING LOCATION, ADDRESS AND DATE:
  - Wastewater treatment plant laboratory Maišiagala, Vilnius district.
  - The date 2014-08-05;
6. SAMPLING: Sampling was made by the Client. Sampling report No. 059-Novewater.
7. THE TEST MADE ACCORDING TO:  
EN 12566-3:2005+A2:2013 Small wastewater treatment systems for up to 50 PT — Part 3: Packaged and/or site assembled domestic wastewater treatment plants, items 6.4.2 and annex A, item A.2.
8. TEST SPECIFICATIONS:  
Plant was filled with pure water up to the top of the plant, for 30 min
9. TEST RESULTS: There was no leakage from the SWWTS. The SWWTS is watertight
10. ASSESSMENT: The SWWTS is watertight.
11. OTHER INFORMATION: -
12. ANNEXES: -

*This test report only certifies the characteristics of the sample submitted for testing.*

Head of laboratory

Arnas Danila

Director

Robertas Encius





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TEST REPORT No. 1397-CPR-089/B\_s

According to EN 12566-1:2000 and EN 12566-1:2000/A1:2003  
(Hydraulic efficiency test)

2014-08-27

1. CLIENT: Novewater OÜ, reg. No.12171528, Suur-Sõjamäe 27c, Tallinn, Estonia No. NVI-59\_2014 at 2014-07-18.
2. MANUFACTURER: Novewater OÜ, reg. No.12171528, Suur-Sõjamäe 27c, Tallinn, Estonia No. NVI-59\_2014 at 2014-07-18.
3. SAMPLE: Small wastewater treatment system (SWWTS) ST2. Material – Glass reinforced plastic (GRP).
4. SAMPLE DELIVERY DATE: 2014-07-22.
5. TESTING LOCATION, ADDRESS AND DATE:
  - Wastewater treatment plant laboratory Maišiagala, Vilnius district.
  - The date 2014-08-26;
6. SAMPLING: Sampling was made by the Client. Sampling report No. 059-Novewater.
7. IDENTIFICATION OF THE METHOD USED:

The test made according to EN 12566-1:2000 and EN 12566-1:2000/A1:2003 *Small wastewater treatment systems for up to 50 PT – Part 1: Septic tanks. Clause 5.5 and Annex B Hydraulic efficiency test.*
8. TEST SPECIFICATIONS:

There were used a test suspension consisting of 1 kg of polystyrene beads, 10 litres water and 20 g of TWEEN 80. The septic tank was tested with permanent water flow 0,5 l/s for a period of 10 minutes. The test suspension was injected into water flow during the first 30 seconds from the start.

The outlet water was screened and beads were collected during the test and 15min after the end of water supply. The collected beads were dried and weighted.

The test procedure was repeated 5 times at the same day with 45 min of rest period.
9. TEST RESULTS: 224,99 g collected beads

All five measured values of the test are listed in the Table 1:

Table 1. All five measured values of the test \*

No	collected beads, g
1	368,79
2	179,98
3	224,99
4	142,64
5	87,41

\* - Weighted by subcontractor. Reports are kept at Waste Water Treatment Plant Laboratory.

10. ASSESSMENT: No requirements for the test results in the standard.

*The test results relate only to the items tested.*

*Head of laboratory*

*Arnas Danila*

*Director*

*Robertas Encius*

