



STATYBOS PRODUKCIJOS
SERTIFIKAVIMO CENTRAS

PERFORMANCE RESULTS

UAB TRAI DENIS

Pramonės str. 31B, Alytus

EN 12566-3:2005+A2:2013

“Small wastewater treatment systems for up to 50 PT-Part 3”

Small wastewater treatment system NV-1 Comfort

2 tanks continues flow biological waste water treatment with chemical phosphorus removal

Nominal hydraulic daily flow	0,8 m ³ /d
Nominal (designed) organic load BOD ₅	0,240 kg/d
Material	fiberglass
Watertightness	pass

Treatment efficiency ratios (at tested organic daily load BOD₅ 0,226 kg/d)

	Effluent (mg/l)
BOD ₅	6,73
COD	36,1
SS	6,39
N _{kj}	8,82(10,3*)
N _{tot}	25,2(25,0*)
P	0,632
NH ₄ -N	8,02(9,62*)
NO ₂ -N	0,810(1,24*)
NO ₃ -N	15,6(13,5*)

Electrical energy consumption: 1,31 kWh/d is average rate during nominal sequences.
1,29 kWh/d is average rate during all test period.

Number of desludging 0

* - values from calculation are excluded if temperatures in the reactor are below 12 °C

Performance tested by:
SPSC - Statybos produkcijos sertifikavimo centras
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Notified Body number: 1397

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