



STATYBOS PRODUKCIJOS
SERTIFIKAVIMO CENTRAS

PERFORMANCE RESULTS

Klaasplast OÜ

Kuke talu, Kolu küla Kose vald Harjumaa, 75121 Estonia

EN 12566-3:2005+A2:2013

“Small wastewater treatment systems for up to 50 PT”

Small wastewater treatment system BioC 6

Biological waste water treatment process with activated sludge

Nominal hydraulic daily flow	0,75 m ³ /d
Material	Glass reinforced plastic (GRP)
Watertightness	Pass

Treatment efficiency ratios (at tested organic daily load BOD₅ 0,295 kg/d)

	Efficiency (%)	Effluent (mg/l)
BOD ₅	98,5	5,91
COD	96,1	31,9
SS	97,1	10,5
N _{ki}	89,2(87,8*)	10,2(10,4*)
N _{tot}	53,0(58,6*)	38,5(32,7*)
P**	89,8	1,03
NH ₄ -N	91,9(90,9*)	7,26(7,25*)
NO ₂ -N		0,813(0,647*)
NO ₃ -N		27,5(21,6*)

Electrical energy consumption: 0,82 kWh/d is average rate during nominal sequences.
0,83 kWh/d is average rate during all test period.

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

** - plant was equipped with chemical dosing for better phosphorus removal

Performance tested by:

SPSC - Statybos produkcijos sertifikavimo centras

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