



STATYBOS PRODUKCIJOS
SERTIFIKAVIMO CENTRAS

PERFORMANCE RESULTS

BIONOR SP. Z O.O.

Ściegiennego str. 26, 25-114 Kielce, Poland

EN 12566-3:2005+A1:2009

“Small wastewater treatment systems for up to 50 PT”

Small wastewater treatment system BIONOR B-5

Activated sludge process

Chemical phosphorus removal

Nominal organic daily load (designed)	0,36 kg/d
Nominal hydraulic daily flow	1 m ³ /d
Material	polyethylene
Watertightness	pass

Treatment efficiency ratios
(at tested organic daily load BOD, 0,355 kg/d)

	Efficiency	Effluent
BOD ₅	97,6 %	7,8 mg/l
COD	93,7 %	45,5 mg/l
SS	93,4 %	20,2 mg/l
NH ₄ -N	99,4 %	0,5 mg/l
N _{kj}	93,8 %	5,5 mg/l
N _{tot}	56,6 %	35,7 mg/l
P	75,5 %	2,0 mg/l
NO ₂ -N		0,4 mg/l
NO ₃ -N		29,8 mg/l

Electrical consumption 1,39 kWh/d

Performance tested by:

SPSC - Statybos produkcijos sertifikavimo centras

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