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Order: Performing results - Test of small wastewater treatment system

according to EN 12566-3, Annex B System: Bergmann wsb<sup>®</sup>-clean, 6 PT Type 06 K-S1-PE class C/N +P

Client: Bergmann Umwelttechnik GmbH

Am Zeisig 8 09322 Penig

Order dated: 2015-12-11

Test results: Summary of MFPA-test report B 52.15.025.06, dated 2018-03-26

Nominal organic daily load (BOD <sub>5</sub> – load)	0.362	kg/d			
Nominal hydraulic daily load	0.90	m³/d			
System material	PE				
Treatment efficiency (nominal sequences)	Effic	Efficiency		Effluent	
COD	95.6	%	32	mg/l	
BOD₅ / BOD <sub>7</sub>	99.2	%	3/4	mg/l	
SS	97.3	%	8	mg/l	
NH4-N	95.3	%	2.5	mg/l	
Ntotal	61.4	%	24.5	mg/l	
Ptotal	94.8	%	0.56	mg/l	
Temperature during testing in the bioreactor Minim	um 7.5	°C			
Maxim	num 20.6	°C			
Electrical consumption		kWh/d	or 0.26 k	Wh/(PE*d)	

By order

Weimar, 2018-03-26 Dipl.-Ing. J. Köditz \ Head of Department

B.Eng. R. Förster

Head of the testing laboratory Small wastewater treatment

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systems

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