



Prüfinstitut für  
Abwassertechnik  
GmbH

## PERFORMANCE RESULTS

**WPL Limited**

Units 1 & 2 Aston Road, Waterlooville, Hampshire PO7 7UX, UK

**EN 12566-3**

Small wastewater treatment systems for up to 50 PT

**Small wastewater treatment system Diamond DMS 2**

Activated sludge (extended aeration) process

Test report PIA2009-108B24

Nominal organic daily load	0.32	kg BOD <sub>5</sub> /d
Nominal hydraulic daily load	1.00	m <sup>3</sup> /d
Material	GRP	
Treatment efficiency (nominal sequences)	COD	91.7 %
	BOD <sub>5</sub>	96.8 %
	SS	94.1 %
	NH <sub>4</sub> -N*	80.6 %
	P <sub>tot</sub>	52.0 %
Electrical consumption	2.2	kWh/d

\*determined for temperatures  $\geq 12^{\circ}\text{C}$  in the bioreactor

Performance tested by:

**PIA – Prüfinstitut für Abwassertechnik GmbH**

(PIA GmbH)

Hergenrather Weg 30

52074 Aachen, Germany

This document replaces neither the declaration of performance nor the CE marking.



Notified Body  
No.: 1739



Certified according to  
ISO 9001:2008



Prüfinstitut für Abwassertechnik GmbH  
*Elmar Lancé*  
geprüft - tested - teste

Elmar Lancé

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