

PERFORMANCE RESULTS

WPL Limited

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

EN 12566-3 Annex A, B and C

"Small wastewater treatment systems for up to 50 PT"

Small wastewater treatment system Diamond DMS 2
Activated sludge (extended aeration) process

Nominal organic daily load	0.32	kg/d
Nominal hydraulic daily load	1.00	m ³ /d
Construction Material	GRP	
Watertightness	pass	
Crushing resistance	pass	
Treatment efficiency (nominal sequences)	COD	91.7 %
	BOD ₅	96.8 %
	SS	94.1 %
	NH ₄ -N*	80.6 %
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

D-52074 Aachen

Certified according to
ISO 9001:2000



Notified Body number: 1739



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

Prüfinstitut für Abwassertechnik GmbH

geprüft - tested - testé

Elmar Lancé

May 2009