



Institute for
Wastewater
Technology

PERFORMANCE RESULTS

O'Reilly Oakstown Environmental
Oakstown, Trim, Co. Meath, Ireland

EN 12566-3 Annex A, B, C
"Small wastewater treatment systems for up to 50 PT"

Small wastewater treatment system Oakstown BAF System
submerged aerated fixed film bioreactor

Nominal organic daily load	0.38	kg/d	
Nominal hydraulic daily load	1.20	m ³ /d	
Material	steel reinforced concrete		
Watertightness	pass		
Crushing resistance	pass		
Treatment efficiency (nominal sequences)		Efficiency	Effluent
	COD	93.0 %	46 mg/l
	BOD ₅	97.5 %	8 mg/l
	NH ₄ -N	61.0 %	13 mg/l
	SS	96.7 %	12 mg/l
Electrical consumption	2.0	kWh/d	

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.



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