

PERFORMANCE RESULTS

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

EN 12566-3

Results corresponding to the Irish National Annex for IS EN 12566-3

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	concrete			
Watertightness (water test)	pass			
Crushing resistance (calculation method)	pass (also wet conditions)			
Durability	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		
* at a test influent of ≥ 300 mg/l BOD ₅ (mean)				

Performance tested by:

PIA – Prüfinstitut für Abwassertechnik GmbH
(PIA GmbH)
Hergenrather Weg 30
D-52074 Aachen

Certified according to
ISO 9001:2008



Notified Body number: 1739



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

Elmar Lancé

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Prüfinstitut für Abwassertechnik GmbH

geprüft - tested - teste