

Septic Tank Effluent



Client: Scottish Water
Location: Auchencairn, Scotland
Commissioned: 2006
Purpose: BOD and Solids Removal
Effluent Type: Septic Tank effluent



Scope of Work: ARM Ltd designed and built a 1920m² horizontal flow reed bed treatment system to provide secondary treatment of sewage after a septic tank.



Design Parameters:

Average Flow 184 m³/d
PE 320
Consent Requirements
BOD 25 mg/l
SS 35 mg/l
Pre-treatment Septic Tank

Design Solutions:

Bed Type 2 Horizontal Flow beds
Bed Size 1920 m²
Plant Species *Phragmites australis*
Bed Matrix Gravel



EXPERIENCE SHEET

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