

# Copper Removal



**Client:** Diageo  
**Location:** Dufftown, Scotland  
**Commissioned:** 2007  
**Purpose:** Copper removal  
**Effluent Type:** Distillery wastewater



**Scope of Work:** ARM Ltd designed and built an 800m<sup>2</sup> horizontal flow reed bed treatment system to remove soluble copper from distillery wastewater.



**Design Parameters:**

**Design Solutions:**

Average Flow 650m<sup>3</sup>/d

Bed Type Horizontal Flow bed

Consent Requirements  
Copper 0.5 mg/l

Bed Size 800 m<sup>2</sup>

Pre-treatment  
High Rate Biotowers

Plant Species *Typha latifolia*

Bed Matrix Gravel



EXPERIENCE SHEET

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