

Carmila Weir Fishladder

STREAM BARRIER REHABILITATION · QUEENSLAND

Ranked 8th of 9,738 stream barriers in Mackay Whitsundays Issac regions

PRE-CONSTRUCTION

1.49

Fish per day upstream

1 species recorded

POST-CONSTRUCTION

486

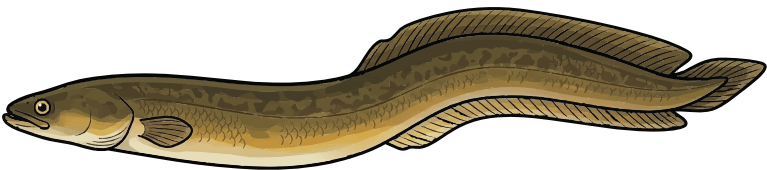
Fish per day upstream

11 species recorded

Fish size range detected (upstream passage)



24mm
Empire Gudgeon



850mm
Long-finned Eel

Barramund
PRE-CONSTRUCTION

0

Detected upstream

Barramund
POST-CONSTRUCTION

11 

Measured 223–564 mm

SPECIES INCREASE

11x

1 > 11 species

Wetland Walkabout

WETLAND REHABILITATION · QUEENSLAND

Ranked 22nd of 596 wetland barriers in Mackay Whitsundays Issac regions

Monitoring conducted just 54 days after construction — showing rapid ecological response



3.5 ha

Wetland area rehabilitated



362

Native fish per day · 4 species



38

Bird species recorded on site



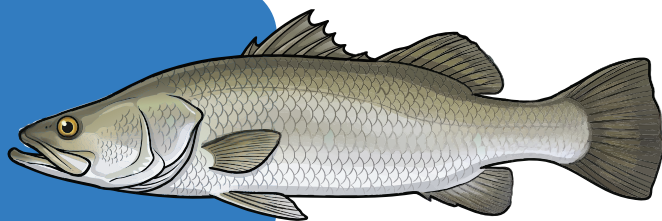
Dense

Macrophyte colonisation

YOUNG BARRAMUNDI DETECTED

74-186mm

Young-of-year, 54 days post-build



Rehabilitation
methods

2

Desilting + wood debris

Monitoring days

3

Days of fish surveys



Reeds, sedges and native macrophytes have densely colonised shallow margins.

Native aquatic species observed in deeper zones — suggesting healthy stratified habitat recovery.