

The Mary River Catchment Coordinating Committee (MRCCC) acknowledge the

Jinibara, Kabi Kabi, Wakka Wakka and Butchulla traditional owners of country

on which we work, and pay our respects to them, their culture and their Elders past, present and emerging.

We acknowledge the various names by which they've known this river, that we've known so recently as the Mary:

Numabulla, Moonaboola, Moocooboola, Mooroooboooola

Mary River Recovery – riverbank rehabilitation tour ‘Flood Resilience’

Wednesday 25th November 2025

History

Today the Mary River at Kenilworth is not in a natural state. Historically, the riverbed at Kenilworth was subject to extensive sand and gravel extraction in the 1970's to 1980's which altered the natural river bed morphology. This in addition to loss of riverbank rainforest has contributed to significant bank erosion and considerable loss of grazing land adjacent to the river.

The MRCCC has been working with landholders in the Kenilworth reach for over 20 years, providing advice and incentives to improve river health. Following the floods in 2013, a consortium of stakeholders came together to address the severe erosion at Charles Street River Park, Kenilworth. This consortium comprised of MRCCC, BMRG, Seqwater, DNRM and Sunshine Coast Council, with each party contributing funds and expertise towards restoration of the riverbank frontage of the park. These collaborations have continued in this reach over the past 5 years, most recently with the Great Barrier Reef Foundation. Alluvium has worked with the consortium to provide solutions for each site since 2015. These projects result in improved water quality benefiting the Great Barrier Reef, threatened freshwater aquatic species and Seqwater town water supplies.

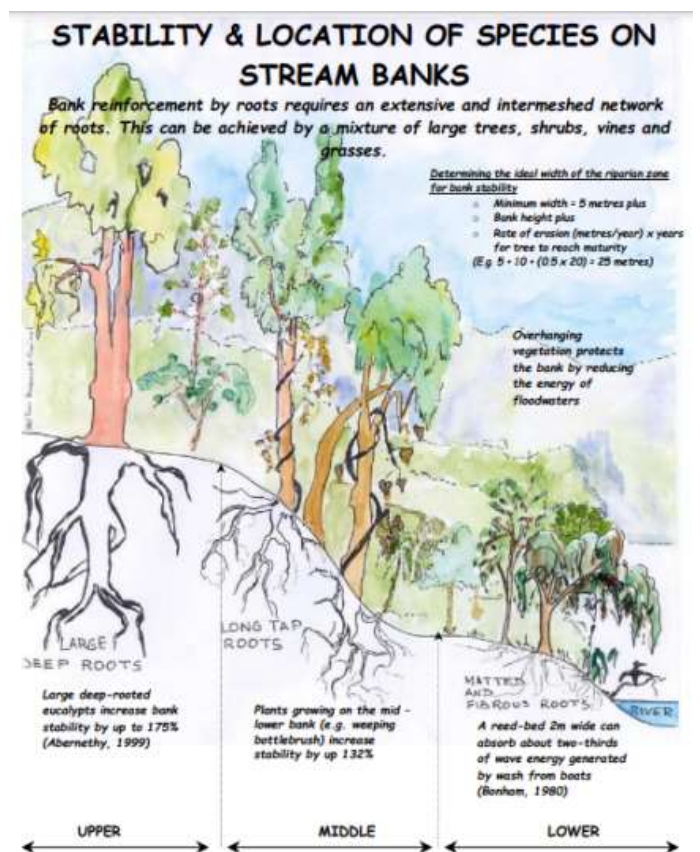
Site	Riverbank works	Revegetation	Fine sediment <i>saved</i> at the coast following works
Charles St River Park	May 2015	July 2015	3,591 t/yr
Carter Site	Winter 2019	September 2019	1,539 t/yr
Mackie Site	August 2021	February 2022	1,103 t/yr

PROUDLY SUPPORTED BY

February 2022 Flood



Charles Street River Park, Kenilworth



- 7 years old
- Site of Kenilworth town water supply (Seqwater)
- Endangered Mary River turtle nesting location
- A community Tree-Day planting organised by Sunshine Coast Council (2015)
- 9,000 native riparian rainforest seedlings established by Noosa & District Landcare and Barung Landcare

Carter site, Kenilworth



- 3 years old
- Located immediately upstream of Kenilworth town water supply
- 8,100 native riparian rainforest seedlings established by Noosa & District Landcare Group
- Mary River & Obi Obi Creek riparian fencing to manage stock access to streambanks
- Cats claw vine and Madeira vine infestation on Obi Obi Creek – control program in progress

Marr site, Kenilworth



2021 (Before)



2022 (After)



June 2022 following major flooding



Ribbon plant recolonising the riverbed



2019 (Before)

- Project commenced 2021
- Revegetation of 5,000 native riparian rainforest seedlings by Noosa & District Landcare Group (March 2022)
- Mary River riparian fencing to manage stock access to streambanks
- Pile toe zone was duo planted with Lomandra and tree in each hole – secures bank quickly and will reduce maintenance requirements
- Pile fields collected debris during February 2022 flood, but was floated in subsequent May flood

Mackie site, Kenilworth



Post 2013 floods



Completion of riverbank stabilisation works 2021



Following revegetation and 2022 floods

- Project commenced 2021
- Revegetation of 5,200 native riparian rainforest seedlings by Noosa & District Landcare Group (February 2022)
- Mary River & Walli Creek riparian fencing to manage stock access to streambanks
- Cats claw and Madeira vine infestation control program ongoing

Mary River threatened aquatic species

Mary River turtle



Mary River cod



Freshwater mullet



Giant barred frog



Australian lungfish



5,000 Mary River cod fingerlings from Hinternoosa Hatchery released into the mid and upper reaches of the Mary this year



Turtle hatchling release, January 2022



Mary River turtle nest protection – in partnership with Seqwater



