



Natural Waterway Rehabilitation

Corbie Street, Ashgrove

Brisbane City Council's Natural Waterway Rehabilitation program is designed to improve the health and resilience of Brisbane's waterways by delivering rehabilitation projects at strategic locations in Brisbane's local waterways.

The project near Corbie Street in Ashgrove is located in the lower Breakfast Creek Catchment.

Activities of the project included re-profiling and vegetating of the creek bank to provide stability, improve safety and increase environmental value.

About the project

- Bank stabilisation.
- Riparian corridor enhancement.
- Increased riparian habitat areas.

Building the
resilience of
Brisbane's
Waterways.



Dedicated to a better Brisbane

This project is supported by Brisbane City Council as part of the Clean, Green and Sustainable Program.

Project name:	Brisbane City Council's Natural Waterway Rehabilitation Program
Project manager:	Ryan Davis
Project contact email:	ryan.davis@Brisbane.qld.gov.au
Contact Number:	3178 7404
Catchment:	Breakfast Creek
Timing:	2020-2021
Project Location Latitude	-27.439766
Project Location Longitude	153.004021

Categories

Community and Education

Erosion and Sediment Control

Land Management

Litter Clean up

Revegetation

Science and Research

Stormwater

Wastewater

Water Sensitive Urban Design

Why this project is important

The key priority of the project is to manage erosion and instability of the right bank along the Enoggera Creek waterway while ensuring public safety along the Enoggera Creek Bikeway adjacent to the right bank.

Additional outcomes included re-establishing riparian and canopy vegetation along the waterway and protecting and improving native habitat for fauna.



Objectives

Brisbane City Council's **Natural Waterway Rehabilitation Program** contributes positively to Brisbane's waterway health, resilience and liveability by:

- Improving ecological processes in Brisbane's waterways including:
 - Fluvial processes.
 - Aquatic habitat.
 - Riparian habitat.
 - Water quality improvements.
- Improving community benefits such as:
 - Visual and recreational amenity.
 - Public safety.
- Developing cost effective waterway management that considers:
 - Critical projects and appropriate solutions.
 - Lifecycle costs of works.

Outcomes

This **Natural Waterway Rehabilitation project** at Breakfast Creek:

Improves environmental values by:

- Re-grading and revegetation of the eroded bank.
- Improving extent and condition of the riparian corridor.

Improves community liveability outcomes by:

- Improving amenity, biodiversity and public safety.

Improves economic values by:

- Using an evidence-based framework to select appropriate locations and viable solutions.
- Designing projects to achieve multiple-benefits.
- Staging the project to minimise operational costs.