

## New Town Rivulet Pedestrian Bridge

**Hobart, Tasmania** – The New Town Rivulet is a permanently flowing creek with its headwaters from the springs and snow water run-offs of Mount Wellington. A rewarding walking trail, visitors experience the change in landscape from urban, to suburban to bushland. There is also the Greek-styled Lady Franklin Museum, which is now occupied by the Art Society of Tasmania.

The existing pedestrian bridge needed to be replaced. Treadwell was engaged to supply the FRP products for the new bridge.

### Project Challenges

- Selected decking had to be anti-slip to ensure user safety.
- Being installed in the outdoor environment, corrosion resistance and longevity were key concerns.
- Selected decking would have to accommodate concentrated point weight loadings.

### PROJECT INFORMATION

Project Category:	Recreational Public Infrastructure
Scope of Work:	Supply FRP decking for bridge
Treadwell Products:	EX-Series® GratEX® FRP Mini Mesh Grating



### Treadwell Solution:

- 1 High performance GratEX® FRP grating was specified in building this structure as a preferred solution over traditional materials.
- 2 Treadwell's FRP products are constructed from premium resin systems that include corrosion resistant properties and UV inhibitors, as well as fire retardant additives, making it ideal for this outdoor application.
- 3 The anti-slip surface does not impact the load carrying capacity.
- 4 FRP is simply fabricated and modified on site. This means there is no need for any hot works permit.
- 5 Given the nature of FRP, any system utilizing it is virtually maintenance free, keeping maintenance costs to a minimum.