

## 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:	ACCESS SYSTEMS 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.

**OFFICES**



**ABOUT TREADWELL**

At Treadwell Group, our core business divisions have been developed utilising the latest fibreglass reinforced plastic (FRP) technology. With constant innovation and evolution of our offerings, we grow in competence with each experience in delivering unparalleled solutions to a diversified index of industries which include the water and wastewater, mining, oil and gas, public infrastructure, marine sectors. The progression of our products has been focused on ensuring extended design life in varied applications, enabling us to support our continuing commitment to satisfy and add value to our client's endeavours.

**Australia**

**SOUTH AUSTRALIA**

▶ **ADELAIDE (HEAD OFFICE & WAREHOUSE)**

58 DEEDS ROAD  
NORTH PLYMPTON, SA 5037

▶ **STRATHALBYN (FACTORY & WAREHOUSE)**

22 DUNREATH ROAD  
STRATHALBYN, SA 5255

**NEW SOUTH WALES**

▶ **SYDNEY (DISTRIBUTION CENTRE)**

2 COAL PIER ROAD  
BANKSMEADOW, NSW 2109

▶ **SYDNEY (OFFICE)**

LEVEL 6, 10 HERB ELLIOT AVENUE  
SYDNEY OLYMPIC PARK, NSW 2127

▶ **WAGGA(OFFICE)**

BALL PL  
EAST WAGGA WAGGA, NSW 2650

**VICTORIA**

▶ **MELBOURNE (DISTRIBUTION CENTRE)**

1 CAILIN PLACE  
ALTONA, VIC 3018

**QUEENSLAND**

▶ **BRISBANE (DISTRIBUTION CENTRE)**

4 HOWARD SMITH DRIVE  
PORT OF BRISBANE, QLD 4178

**WESTERN AUSTRALIA**

▶ **PERTH (OFFICE & WAREHOUSE)**

4 ELMSFIELD ROAD  
MIDVALE, WA 6056

**TASMANIA**

▶ **BURNIE (DISTRIBUTION CENTRE)**

8 RIVER ROAD  
WIVENHOE, TAS 7320

**New Zealand**

**NORTH ISLAND**

▶ **AUCKLAND (OFFICE)**

40 ONEHUNGA MALL  
ONEHUNGA, AUCKLAND 1061

**SOUTH ISLAND**

▶ **NELSON (OFFICE)**

3 TOKOMARU PLACE, STOKE,  
NELSON 7011

**Australia**

P 1800 246 800      sales@treadwellgroup.com.au  
F 1300 763 521      treadwellgroup.com.au

**New Zealand**

P 0800 246 600      sales@treadwellgroup.co.nz  
F 0800 244 600      treadwellgroup.co.nz