

Sale Water Treatment Plant

This water treatment plant supplies fresh, clean drinking water to over 70,000 customers and waste water services to more than 63,000 customers in Victoria. A major water supplier, they manage an infrastructure network consisting of 15 water treatment plants, as well as an extensive network of water and sewer mains and wastewater treatment plants. As part of upgrading works to more efficiently supply and conserve water, new pipelines and pump stations were constructed.

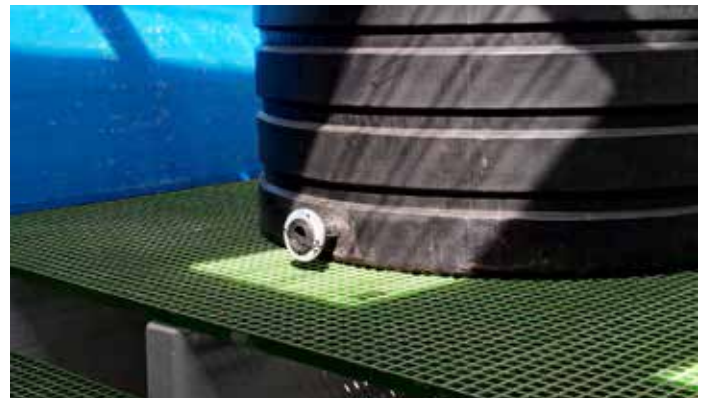
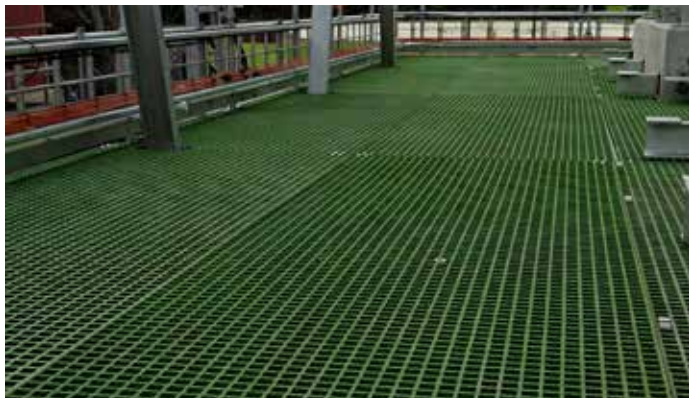
Treadwell was engaged to supply the grating and stair treads for this upgrade.

Project Challenges

- Selected decking had to support water tanks and personnel access, taking decking deflection into account.
- Stair treads and landings had to be customised to the structure.
- Decking panels would be fitted onto elevated ramps and levelled sections.

PROJECT INFORMATION

| | |
|---------------------|---|
| Project Category: | Water Treatment Plant |
| Scope of Work: | Supply FRP grating and stair treads |
| Treadwell Products: | EX-Series® GratEX® FRP Square Mesh Grating and stair treads |



Treadwell Solution:

- 1 Treadwell's team of certified engineers are skilled in ensuring grating deflection always meets the relevant compliance codes and industry standards.
- 2 Treadwell has ample stockholdings to ensure timely completion of projects.
- 3 GratEX® FRP stair treads and decking panels are easily customised to requirements.
- 4 FRP is simply fabricated and modified on site. This means there is no need for any hot works permit.
- 5 Being lightweight and easy to install, FRP is very manageable during construction.
- 6 Given the nature of FRP, any system utilising it is virtually maintenance free, keeping maintenance costs to a minimum.