

# Queensland Train Manufacturing Program

## Torbanlea train manufacturing facility environmental management

Protecting and enhancing the environment is an important part of delivering and operating the Queensland Train Manufacturing Program (QTMP) Torbanlea train manufacturing facility.

### Environmental approvals

Prior to construction commencing, investigations were undertaken to understand the environmental values of the site, including:

- wildlife and habitat surveys, to identify significant ecological communities and threatened species including koalas and greater gliders
- flora surveys to determine the presence of protected plants
- cultural heritage surveys to identify and protect items of cultural significance to the local first nations peoples
- aquatic surveys and water quality monitoring.

This information has been used to satisfy all planning and regulatory approval requirements and inform the design of the train manufacturing facility.

Environmental approvals were progressed with the Australian Government Department of Climate Change, Energy, the Environment and Water under the *Environment Protection and Biodiversity Conservation Act 1999* (Cwlth) (EPBC Act).

### Protecting trees and other flora

We understand the important role trees play in providing a safe habitat for local wildlife and the value they have in the local community.

The train manufacturing facility design and construction methodology are being progressed so that trees and other vegetation will only be removed if necessary.

We are consulting with the Traditional Owners and the local community to identify opportunities to re-use felled timber beneficially, including for education, providing habitat on and off site, and within the final landscaping of the project.

### Protecting wildlife

During vegetation clearing and construction there can be impacts to wildlife.

To manage this, trees and other vegetation are only cleared if necessary. Prior to clearing, a qualified fauna catcher will assess the site and if any wildlife is found it will be safely relocated.

A high-risk species management plan has been developed for the site to ensure that protected species are identified and actions are put in place to protect the species and minimise long-term impacts.



## Pest and weed management

We are responsible for managing pests and weeds, which is important to protecting and restoring existing ecological values and improving biodiversity.

Pest and weed identification has been undertaken, where numerous non-native flora species were found in the project area and surrounds. Any vegetation re-planting will be done with species native to the local area.

## Water quality management

We are responsible for managing water quality during construction and operation of the train manufacturing facility.

There is one waterway within the project site. Waterway crossings have been designed to ensure project works do not interfere with the free movement of fish along waterways.

The project will implement erosion and sediment controls to prevent soil and other sediments entering the waterway. These include establishing sediment basins, installing silt fences, rock filter dams and diverting clean water away from active construction sites.

## Sustainability

We are committed to designing and building the train manufacturing facility in a sustainable way. Sustainability will be embedded into the planning, construction and operation of the facility, as part of our commitment to achieving an Infrastructure Sustainability (IS) Excellent rating.

Sustainability touches all facets of the project, including protecting and enhancing environmental values. To support this, renewable energy, measures to minimise greenhouse emissions, and sustainable water management strategies will be used on site.



| Torbanlea site: an aerial view of the QTMP train manufacturing facility location.

## Contact us

Find out more online at [www.tmr.qld.gov.au/trainmanufacturing](http://www.tmr.qld.gov.au/trainmanufacturing)

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