



Wooloowin Worksite - Environmental Management

The Wooloowin worksite design and layout has been developed to minimise construction impacts to the environment and surrounding community.

Thiess John Holland will monitor and mitigate construction impacts throughout the establishment and operation of the Wooloowin worksite.

Mitigation measures

Controls will be implemented on site to minimise the impact of the work activities to the surrounding community.

Early installation of a 5.0 metre high noise wall will enclose the construction area helping to minimise noise and visual impacts.

A purpose-built, high performance acoustic shed will be installed on the site to minimise noise and dust generated during tunnelling activities.

Special-purpose fixed lighting will be used to minimise light and glare spill beyond the site's boundaries.

During spoil haulage operations, spoil haulage trucks will be loaded within the acoustic shed and covered before exiting the worksite.

Environmental monitoring

Both attended air quality and fixed noise and vibration monitoring will be conducted during the works.

Regular monitoring assists to manage environmental performance and ensure that the project is constructed with minimal disruption to the local community.

The results of environmental monitoring will be posted on the project website each month.

Water use

The Wooloowin Worksite will also house a water treatment plant for the treatment of water discharged during tunnelling operations. This water will be treated before being reused within the tunnel or discharged off site.

Vibration

Tunnel excavation may produce some regenerated noise. This occurs when vibration from excavation activities travels through the ground, into building foundations and vibrates the flat surfaces, creating an audible noise.

The goal for regenerated noise during tunnelling work is 45 decibels, which is similar to the noise generated from a quiet office.

Wooloowin Site Management Plan (WSMP)

A WSMP is being developed and will soon be available at www.brisconnections.com.au.

For further information about the projects:

T: 24 Hour Community Hotline 1800 721 783 (freecall)

W: www.brisconnections.com.au E: contactus@tjh.com.au

