

Reduce, reuse and recycle

The Department of Main Roads has established SAFELink Alliance to deliver the Ipswich Motorway Upgrade from Wacol to Darra. Construction is underway and is due for completion in December 2010.

Main Roads is committed to the sustainable management of waste and minimising the environmental impacts of construction and operation of the motorway between Wacol and Darra.

Waste management

During construction, we will implement innovative waste management strategies to minimise impacts to the local environment through waste reduction, recycling and reusing construction materials.

The first step in managing waste sustainably is to understand the types of waste that will be generated. These include:

- » plant and equipment waste – oils, fuel, grease, chemicals, tyres and batteries
- » organic material - cleared vegetation, timber and soil
- » construction material - asphalt, concrete, scrap steel and aluminium
- » domestic waste - paper, plastic, glass, sewage, cardboard and printer cartridges.

Reduce

Reduction strategies focus on preventing waste in the first instance by only purchasing what we intend to use.

Efficient procurement strategies prevent stockpiling and disposal of excess resources. We will buy in bulk to minimise packaging and buy quality goods that last longer.



Mulch can be collected during clearing and reused for landscaping.

Reuse

We are reducing cost and waste by reusing materials on site.

Some reuse strategies include:

- » using pre-existing asphalt for general fill to support new road surfaces
- » reusing mulch that has been cleared for landscaping
- » reusing of formwork for concreting work.

W2D-038

Ipswich Motorway Upgrade Wacol to Darra

Recycle

We have developed a range of recycling strategies to minimise waste which include:

- » purchasing products that contain recycled materials, for example, use of recycled concrete for erosion and sediment control
- » separating and recycling construction materials, including metals, wood, concrete, cardboard and plastics
- » sending waste to a bio waste reduction facility that generates green energy, for example, methane gas is captured and reused for energy supply to houses
- » using recycled paper for offices
- » using recycled water for dust control
- » recycling of oil and tyres from equipment
- » recycling office materials such as paper, cardboard and printer/toner cartridges.



Recycled water is used throughout construction.

For more information on effective waste management strategies, visit www.epa.qld.gov.au/ and search 'reduce, reuse, recycle'.

Contact us

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*Higher rates apply from mobile phones and pay phones.
If calling from outside of Queensland, STD rates will apply.

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SMS updates*

www.wacol2darra.com.au

*Visit the website to receive free project updates
direct to your mobile phone.

For other Western Corridor transport
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**Please remember that safety around roadworks is a two-way street.
We ask that you drive carefully and responsibly during these construction works.**