

Managing dust on the New M5 project

Major construction projects like the New M5 must comply with strict environmental requirements for impacts such as dust. We take the management of these impacts very seriously and use various measures to meet our requirements and ensure that potential impacts to the local community are minimised. This fact sheet outlines the steps we are taking to minimise dust on the New M5 construction sites.

What is dust management?

Potential environmental impacts from construction of the New M5 are managed under an Environment Protection Licence, which has been issued by the Environment Protection Authority. The licence contains strict requirements for the management of dust and air quality.

When planning our work methodologies and establishing our construction sites, we assess our planned activities for potential dust creation. We then decide on the best ways to manage dust and minimise impacts to the local community. We implement several different measures to ensure that dust is managed effectively throughout the project.

We manage air quality and dust on our sites in line with the approved Construction Air Quality Plan for the project and the Environment Protection Licence.



Water carts are used to spray recycled water onto haul roads and excavation areas

Mitigation measures

To comply with our requirements and reduce impacts to the local community, we have established a range of measures that include:

- Using water carts, sprinklers and hoses to dampen work areas, stockpiles and vehicle routes
- Spraying soil-binding polymer regularly throughout the site (the polymer is biodegradable and non-toxic)
- Covering inactive areas and applying hydromulch (a combination of mulch, seed and fertiliser) which helps to control dust by creating a grassed mat surface
- Sealing haul roads and hard stand areas with concrete or asphalt and installing wheel washers
- Building physical barriers around construction sites including noise barriers and sheds
- Air quality monitoring
- Monitoring weather conditions to prepare for windy or dusty conditions
- Regular inspections to assess the adequacy of mitigation measures and implementing further measures if required, such as in the event of unfavourable weather conditions
- Stopping or altering work activities to minimise dust during high wind periods
- Ensuring plant and machinery are serviced regularly to reduce emissions and turning them off when not in use
- Reinforcing the importance of dust management in our project induction, construction planning and daily site pre-start meetings.



Easing
congestion



Creating
jobs



Connecting
communities

Monitoring at the former Alexandria Landfill

Air quality monitoring is carried out continuously at the former landfill site, which is the location of the future St Peters Interchange. We monitor for airborne particulate matter and asbestos fibres using permanent monitors around the site.

How we handle dust complaints

We encourage community members to contact us immediately if they observe dust leaving the construction site. Our first step is to investigate at the source to see if dust is likely to be from our site or the surrounding area. We assess whether the appropriate dust mitigation measures are in place and working effectively for the construction activities being carried out.

We also check to see if any other factors could be contributing to excessive dust, such as unfavourable weather conditions. If the dust is being generated from our site we act quickly to implement further measures such as additional water carts.

More information

For more information about dust management, please call **1800 660 248** (toll free) and ask to speak to a member of the **New M5 team** or email us at info@newm5.com.au.

You can also visit us at the New M5 Community Information Centre located at 27 Burrows Road, St Peters. The centre is open Monday to Friday between 9am and 5pm, excluding public holidays.



A worker uses a hose to spray water over an excavation area



Green-coloured polymer is applied to exposed areas



An asbestos monitor fixed to a fence at the St Peters Interchange site



We speak your language

ENGLISH

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ARABIC

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CHINESE

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GREEK

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HINDI

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ITALIAN

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KOREAN

더 자세히 알고 싶으시면, 바로 westconnex.com.au/yourlanguage 를 방문하시면 됩니다. 통역사가 필요하십니까? 번역 및 통역 서비스에 **131 450**으로 연락하십시오.

VIETNAMESE

Để biết thêm, chỉ cần tới trang mạng westconnex.com.au/yourlanguage. Cần thông dịch viên? Hãy điện thoại cho Dịch vụ Thông Phiên Dịch ở số **131 450**.