



**Western
Sydney
Airport**



Community fact sheet

Dust mitigation 2019



Water cart

Western Sydney Airport (WSA) is building Sydney's new airport, which includes a single 3.7km runway to service international, domestic and freight flights when it opens in 2026.

Building the Airport involves activities that can create dust, including earthworks, excavation, and truck and machinery movements. There are a number of other infrastructure projects in the vicinity of the airport site that are also conducting activities that create dust. We are working to minimise the potential impacts from our project to local communities during construction. Under the project's approved Air Quality Construction Environmental Management Plan (CEMP), dust mitigation measures are in place throughout each stage of construction. WSA and its contractors manage dust and air quality across site in accordance with the NSW Environment Protection Authority guidelines and the Airport (Environment Protection) Regulations 1997.

How we manage dust on site

We take our responsibility seriously when it comes to managing dust on site and this commitment is shared with our workers through training toolbox and prestart meetings.

We have measures in place to manage air quality and suppress dust on site, including:

- Only using cutting, grinding or sawing equipment that minimises dust, for example tools equipped with a water spray.
- Taking the weather into consideration with all work activities to minimise dust generation.
- Consolidating work areas or reducing work scope during windy days to make sure that dust suppression with water sprays are effective.
- Where a work area is completed or not being accessed for over 10 days a binder/polymer (water-based environmentally-safe spray that binds all soils) will be used to stabilise the soil in that area.

- Using historical weather data collected from the area to understand the wind directions for the area and how it changes for each season.
- Minimise the stockpiling of soil and rock material. Stockpiles will be located away from site boundaries where practicable.
- Sealing high use haul roads with asphalt/ pavement or sandstone, regularly inspecting and making necessary repairs to the surface.
- Long term stockpiles will be hydro mulched or sealed. Applying hydro mulch controls dust by creating a grassed mat surface.
- Avoiding dry sweeping of large areas.
- Using stormwater runoff captured in sediment dams or existing dams in water carts and hoses to damp down work areas, stockpiles and haul roads.
- Covering all truck with loads when entering and leaving site.
- Dust gauges and Air Quality monitors are installed to establish existing background dust levels. The results from these gauges are collected monthly to determine the need for further mitigation.
- Ongoing monitoring and inspections on site to see if additional dust management measures need to be implemented.



Sealing of high use haul road with sandstone



Dust gauges

Regular monitoring of dust and air quality are carried out across site. This includes:

- Assessment and monitoring of the weather conditions around Badgerys Creek, Bringelly and Luddenham and adjusting the work program as required to respond to unfavourable weather conditions.
- Regular monitoring and inspections carried out during construction at site with the potential to generate dust.

More information on Air Quality Monitoring and dust mitigation management can be found in the Air Quality Construction Environmental Management Plan located at westernsydney.com.au



Contact us

For more information about our dust management on site, you can call **1800 972 972** or email us at info@wsco.com.au.

Please visit the Experience Centre, 100 Eaton Road, Luddenham. We are open Monday to Thursday between 10am and 4pm, excluding public holidays.



We speak your language

Need an interpreter? Call the Translating and Interpreting Service on **131 450**.



westernsydney.com.au



Western Sydney Airport



flyWSA



Western Sydney Airport



Western_Sydney_Airport