

### MECHANICAL DEMOLITION AND DUST

During the demolition at Subiaco Oval, safety of the local community is of the utmost importance.

The grandstands are being removed through a process of mechanical demolition, which involves excavators equipped with hydraulic attachments that can bite through steel and concrete. Breaking concrete does create dust, however we will make every effort to contain this dust within the site.

With many residents living in close proximity to the site, we decided during the planning phase that material would not be processed or crushed on site, which would have created additional dust. Instead, this material is being trucked to recycling facilities on the outskirts of Perth.

Consequently, most of the dust generated from the demolition works is being captured off site. However, some dust will be created on site as concrete is broken by excavators and loaded into trucks for transport.

### THE DUST MANAGEMENT PLAN

The contractor has prepared a Dust Management Plan that meets Environmental Protection Authority guidelines, and has installed dust monitoring equipment. This monitoring equipment will remain on site for the duration of the demolition.

The Dust Management Plan includes several methods to minimise dust. These include:

- Installation of four air quality monitors in locations around the site.
- Water infrastructure including misting fans, water carts, water cannons and hoses.
- Dust mesh on the scaffolding at Roberts Road and Subiaco Road.
- Regular visual inspections to identify areas requiring additional attention.
- Reprocessing and recycling of demolition materials away from the site.

### MEETING COMMUNITY EXPECTATIONS

Meeting the local community's expectations, particularly residents closest to the stadium, is an important success measure for this project. In recent weeks we have responded to community feedback by increasing our efforts to manage dust.

We have upgraded the existing water infrastructure to support six misting fans with the capacity to launch millions of water droplets per minute into the air. These are supplemented with three water carts fitted with high capacity water cannons.

The importance of minimising dust has also been reinforced at site management and supervisory meetings with spot checks undertaken by the City of Subiaco and LandCorp to ensure compliance with approved management plans.



*One of the six misting fans wetting a debris stockpile*

### FACTORS IMPACTING THE LEVELS OF DUST

There are several factors that impact the level of dust and the contractor's ability to effectively contain it. High winds, for example, can make it difficult to contain dust levels. They can also disperse the water droplets from misting fans over a greater area, reducing their effectiveness as they take on the appearance of a fine haze that looks similar to dust.



*A water cart supporting demolition*

The nature of this demolition project is also a significant factor. The taller the structure being demolished, the harder it is to suppress the dust. On a hot, dry day, the simple task of loading debris into trucks can also require significant dust suppression resources.

In these instances, mobile water carts play an important supporting role to misting fans by concentrating large amounts of water in a specific location. This makes them ideal to support mechanical demolition activities. In locations where misting fans and water carts cannot be used, often due to access constraints, the contractor has large hoses that can be manually handled to suppress dust.

## ASBESTOS REMOVAL

All previously identified asbestos that posed an airborne risk to workers has now been removed from the site by licenced contractors. Nonetheless, the contractor is continuing to carefully inspect each section of the stadium prior to commencing a new stage of demolition, to identify if any unknown asbestos material is present.

## HOW ARE WE PERFORMING?

It's early days, but we are keen to receive your feedback on the effectiveness of the demolition communications with the local community.

You can now leave us feedback by clicking on the engagement feedback survey link on the project's website [haveyoursay.landcorp.com.au](https://haveyoursay.landcorp.com.au)

## NEED MORE INFORMATION?

Call our 24 hour project information line on **1800 430 844** or email [subieast@landcorp.com.au](mailto:subieast@landcorp.com.au)  
For regular updates and project information visit [haveyoursay.landcorp.com.au](https://haveyoursay.landcorp.com.au)