

### What we do at White Rock Quarry



- The quarry supplies a range of aggregate products, pavement materials, and specialty sands, contributing to all types of projects essential to developing the communities people live in.



- These projects include local housing construction, infrastructure development, schools, universities, care facilities, hospitals, local sporting clubs, buildings upgrades, roads, bridges, airports, harbours, trail restorations, and shopping centres.
- Hanson directly employs approximately 150 people in South Australia, and indirectly supports many hundreds of additional jobs through haulage contractors, suppliers, trades, and professional services.



### Quarrying Method

The current quarrying method we use is the traditional Open Cut Quarrying methodology.

Dust may be generated by quarrying activities during the extraction and processing of materials.



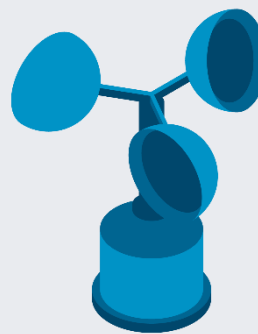
Quarry processes include drilling and blasting, crushing and screening, haulage operations, stockpiling of material, the loadout of material for sale and road transport trucks moving around site to stockpiles.

The potential for dust generation increases over drier months, however White Rock Quarry uses several strategies to mitigate the amount and impact of dust generated.

### Air Quality Monitoring Campaign

Hanson have been conducting an air quality monitoring campaign to measure ambient Respirable Crystalline Silica (RCS) and PM10 (PM10 means the measurement of the particle is the diameter of 10 microns or less, particles are defined by their diameter for air quality purpose).

In consultation with the Department for Energy and Mining (DEM) and the Environmental Protection Authority (EPA), Hanson have sourced new environmental equipment to identify any potential risk and ensure that all mitigations are being explored in line with EPA requirements.



Outcomes of the air quality monitoring are being recorded to ensure all requirements are met and addressed for inclusion in the updated Mine Operations Plan.

## What are we up to?

At White Rock Quarry over the past twelve months, we have decommissioned the fixed crushing plant on site and are utilising a mobile crushing plant within the pit. The mobile plant allows better dust management practices than the fixed plant and moves crushing operations into a more protected area, further away from the quarry entry and exit.

- The quarry reduces speed limits on unsealed surfaces and uses either a water truck or sprinklers to wet down and suppress dust in work areas and stockpiles;
- As part of the Mine Operations Plan review, Hanson have committed to installing a truck wheel wash;
- Road trucks cover materials with trailer tarps before leaving site;
- Frequently using street sweepers;
- Inspecting and maintaining access routes; and
- The effectiveness of dust suppression is monitored by site management.



## Dust - Trigger Action Response Plan (TARP)

The purpose of the TARP is to ensure that dust mitigation controls and appropriate management strategies are implemented to minimise any dust impact from site activities.



The TARP includes a series of triggers defined by meteorological forecasts, visual observations, and continuous PM10 monitoring during the current Air Quality Monitoring Campaign.



The current Dust Management Plan, including the TARP, has been approved by the EPA.

## What are the findings so far?

Monthly reports provided to the EPA and DEM have demonstrated that the quarry complies with the SA EPA Air Quality Policy. Data and laboratory analysis collected have been well below the Air Quality Criteria adopted by the SA EPA.



## Building Community

We are committed on building relationships and working with neighbours interested in White Rock Quarry, filling any gaps in communications, information, and sharing experiences.

To register your interest in meeting the team, viewing operations, and speaking directly with quarry management, please go to our [Contact Us Page](#) on website: <https://www.whiterockquarry.com.au> or Phone: **(08) 8431 4866**, fill out the form with your details and request. We will contact you to arrange a suitable time.