

Live Air Quality Monitoring

Newmont Cadia has launched our real-time air quality monitoring website to increase public transparency and accountability with our community.

What does Cadia report on?

Cadia’s specialised air quality monitors capture and report on particulate matter (PM) 2.5 and 10 levels at four locations around the perimeter of our site.

PM stands for ‘particulate matter’ and is classified according to the size of the particles, as indicated in comparison to the width of a human hair in Figure 1 below.

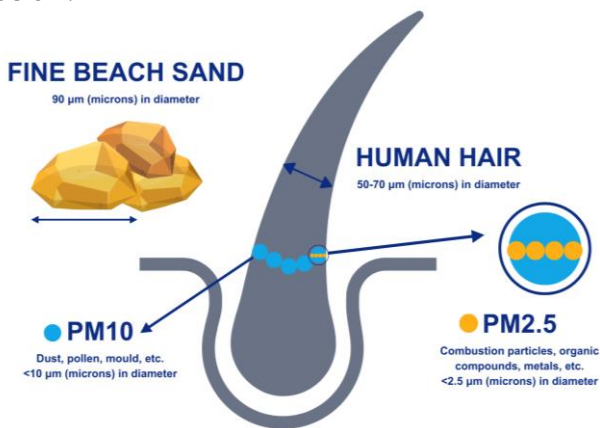


Figure 1: Particle matter compared to human hair

How does Cadia monitor air quality?

Data is sent back to a central database where unvalidated data is automatically updated on the Newmont Cadia website. Cadia reports the hourly and 24-hour averages of these readings which is available 7 days a week.

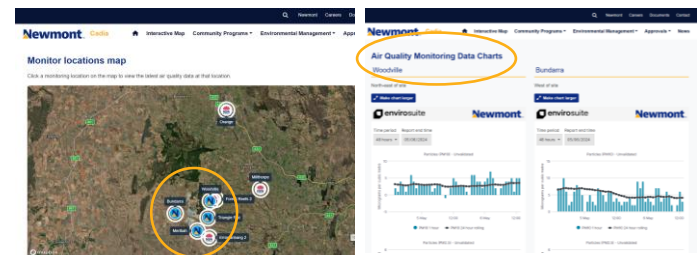
Cadia works to ensure that the 24hr average dust emissions from its operation do not exceed the following standards:

- PM10 – under 50 micrograms per cubic meter
- PM2.5 – under 25 micrograms per cubic meter

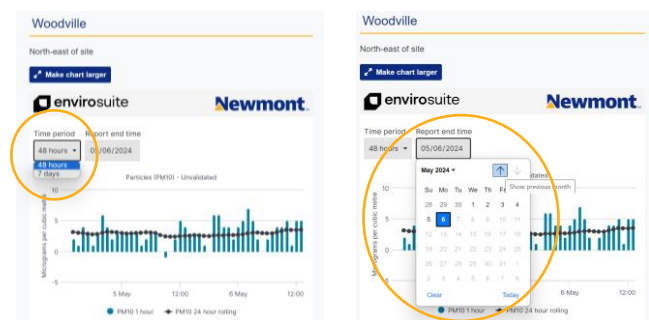
How to access real-time monitoring data

Follow these easy steps to access the live data.

1. Visit ‘Live Air Quality Monitoring’ under the ‘Environmental Management’ section of Newmont Cadia’s website, or visit the link: www.cadiavalley.com.au/newcrest/cvo/live-air-quality-monitoring
2. Select the monitor location on the map to view the live data or scroll down to select individual charts.



3. Adjust the date and time period as required. Backdated data is available through to May 2022.



4. Select the light blue bars to view the hourly average, and the dark blue dots on the line chart to view the 24-hour average as updated each hour.

