

## Vickery Site Monitoring

✦ PM1 Air Quality (PM <sub>2.5</sub> )=
Average reading for 24hr period 00:00 – 23:59 hrs on 17 April 2025
5.3 µg/m <sup>3</sup>
Operational Response: No Action Required


1. PM<sub>2.5</sub>: particle matter 2.5 micron or less in size.  
 (C): recalculation of the 24hr average as some data unavailable due to rain, power or communications.  
 \* N/A: Data Not available due to servicing, power outage, communication issue or when wind is greater than 3m/s or its raining over the monitoring period.

✦ PM1 Air Quality (PM <sub>10</sub> )=
Average reading for 24hr period 00:00 – 23:59 hrs on 17 April 2025
10.5 µg/m <sup>3</sup>
Operational Response: No Action Required

2. PM<sub>10</sub>: particle matter 10 micron or less in size.  
 (C): recalculation of the 24hr average as some data unavailable due to rain, power or communications.  
 \* N/A: Data Not available due to servicing, power outage, communication issue or when wind is greater than 3m/s or its raining over the monitoring period.


✦ PM2 Air Quality (PM <sub>2.5</sub> )=
Average reading for 24hr period 00:00 – 23:59 hrs on 17 April 2025
5.0 µg/m <sup>3</sup>
Operational Response: No Action Required

3. PM<sub>2.5</sub>: particle matter 2.5 micron or less in size.  
 (C): recalculation of the 24hr average as some data unavailable due to rain, power or communications.  
 \* N/A: Data Not available due to servicing, power outage, communication issue or when wind is greater than 3m/s or its raining over the monitoring period.


 PM2 Air Quality (PM <sub>10</sub> )=
Average reading for 24hr period 00:00 – 23:59 hrs on 17 April 2025
10.9 µg/m <sup>3</sup>
Operational Response: No Action Required

4. PM<sub>10</sub>: particle matter 10 micron or less in size.  
(C): recalculation of the 24hr average as some data unavailable due to rain, power or communications.  
\* N/A: Data Not available due to servicing, power outage, communication issue or when wind is greater than 3m/s or its raining over the monitoring period.

The real time noise monitor is used as operational management tool (no criteria apply)

 Noise Monitor 01 (LF) <sup>23</sup>
Average reading for the period of 17 April 2025
Day: 7am-6pm 30.0 dB(A) Evening 6pm-10pm 26.1 dB(A) Nights 10pm-7am 24.2 dB(A)
Operational Response: No Action Required - Continue Monitoring

5. LF is estimated equivalent mining noise (LF = low frequency for band 20-630 HZ); Monitoring results may include noise from other sources.  
\*Elevated levels affected by non- related mining event.  
N/A: N/A: Data Not available due to servicing, power outage, communication issue or when wind is greater than 3m/s or its raining over the monitoring period.  
(C): recalculation of the average as some data unavailable due to rain, power or communications.


 Noise Monitor 02 (LF) <sup>23</sup>
Average reading for the period of 17 April 2025
Day: 7am-6pm 27.7 dB(A) Evening 6pm-10pm 27.1 dB(A) Nights 10pm-7am 26.3 dB(A)
Operational Response: No Action Required - Continue Monitoring

6. LF is estimated equivalent mining noise (LF = low frequency for band 20-630 HZ); Monitoring results may include noise from other sources.

*\*Elevated levels affected by non-related mining event.*

*N/A: Data Not available due to servicing, power outage, communication issue or when wind is greater than 3m/s or its raining over the monitoring period.*

*(C): recalculation of the average as some data unavailable due to rain, power or communications.*

 Weather
Operational Response:
<b>No Action Required – Continue Monitoring</b>
Weather condition and forecast is available at: <a href="http://www.whitehavencoal.com.au/weather/">http://www.whitehavencoal.com.au/weather/</a>

For further information contact:

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