



## Vickery Site Monitoring


These monitors are used as operation management tools (no criteria apply)

 PM1 Air Quality (PM <sub>2.5</sub> )=
Average reading for 24hr period 00:00 – 23:59 hrs on 25 March 2024
4.1 µg/m <sup>3</sup>
Operational Response: No Action Required


- 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 or communication issue.*

 PM1 Air Quality (PM <sub>10</sub> )=
Average reading for 24hr period 00:00 – 23:59 hrs on 25 March 2024
9.5 µg/m <sup>3</sup>
Operational Response: No Action Required


- 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 or communication issue.*

 PM2 Air Quality (PM <sub>2.5</sub> )=
Average reading for 24hr period 00:00 – 23:59 hrs on 25 March 2024
4.2 µg/m <sup>3</sup>
Operational Response: No Action Required


- 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 or communication issue.*

 PM2 Air Quality (PM <sub>10</sub> )=
Average reading for 24hr period 00:00 – 23:59 hrs on 25 March 2024
9.4 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 or communication issue.

 Noise (LF) <sup>23</sup>
Average reading for the period of 25 March 2024
<div>Day: 7am-6pm 25.5 dB(A)</div> <div>Evening 6pm-10pm 20.7 dB(A)</div> <div>Nights 10pm-7am 20.8 dB(A)</div>
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: Data Not available due to servicing, power outage or communication issue.  
(C): recalculation of the average as some data unavailable due to rain, power or communications.

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

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