

## Vickery Site Monitoring

PM1 Air Quality (PM <sub>2.5</sub> )=
Average reading for 24hr period 00:00 – 23:59 hrs on 8 February 2025
6.3 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 or communication issue.

PM1 Air Quality (PM <sub>10</sub> )=
Average reading for 24hr period 00:00 – 23:59 hrs on 8 February 2025
14.5 g/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 or communication issue.

PM2 Air Quality (PM <sub>2.5</sub> )=
Average reading for 24hr period 00:00 – 23:59 hrs on 8 February 2025
5.6 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 or communication issue.

PM2 Air Quality (PM <sub>10</sub> )=
Average reading for 24hr period 00:00 – 23:59 hrs on 8 February 2025
14.9 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 or communication issue.


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 8 February 2025						
<table border="0" style="width: 100%; text-align: center;"> <tr> <td>Day: 7am-6pm</td> <td>Evening 6pm-10pm</td> <td>Nights 10pm-7am</td> </tr> <tr> <td><b>24.7 dB(A)</b></td> <td><b>23.2 dB(A)</b></td> <td><b>25.5 dB(A)</b></td> </tr> </table>	Day: 7am-6pm	Evening 6pm-10pm	Nights 10pm-7am	<b>24.7 dB(A)</b>	<b>23.2 dB(A)</b>	<b>25.5 dB(A)</b>
Day: 7am-6pm	Evening 6pm-10pm	Nights 10pm-7am				
<b>24.7 dB(A)</b>	<b>23.2 dB(A)</b>	<b>25.5 dB(A)</b>				
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.

Noise Monitor 02 (LF) <sup>23</sup>						
Average reading for the period of 8 February 2025						
<table border="0" style="width: 100%; text-align: center;"> <tr> <td>Day: 7am-6pm</td> <td>Evening 6pm-10pm</td> <td>Nights 10pm-7am</td> </tr> <tr> <td><b>25.0 dB(A)</b></td> <td><b>27.4 dB(A)</b></td> <td><b>26.7 dB(A)</b></td> </tr> </table>	Day: 7am-6pm	Evening 6pm-10pm	Nights 10pm-7am	<b>25.0 dB(A)</b>	<b>27.4 dB(A)</b>	<b>26.7 dB(A)</b>
Day: 7am-6pm	Evening 6pm-10pm	Nights 10pm-7am				
<b>25.0 dB(A)</b>	<b>27.4 dB(A)</b>	<b>26.7 dB(A)</b>				
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 or communication issue.  
 (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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