

## Vickery Site Monitoring

PM1 Air Quality (PM <sub>2.5</sub> )=
Average reading for 24hr period 00:00 – 23:59 hrs on 9 February 2025
6.5 (C) 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 9 February 2025
13.3 (C) 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 9 February 2025
11.8 (C) 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 9 February 2025
18.6 (C) 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 9 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>23.4 dB(A)</td> <td>28.0 dB(A)</td> <td>28.9 dB(A)</td> </tr> </table>	Day: 7am-6pm	Evening 6pm-10pm	Nights 10pm-7am	23.4 dB(A)	28.0 dB(A)	28.9 dB(A)
Day: 7am-6pm	Evening 6pm-10pm	Nights 10pm-7am				
23.4 dB(A)	28.0 dB(A)	28.9 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: 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 9 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>22.3 dB(A)</td> <td>N/A</td> <td>27.8 dB(A)</td> </tr> </table>	Day: 7am-6pm	Evening 6pm-10pm	Nights 10pm-7am	22.3 dB(A)	N/A	27.8 dB(A)
Day: 7am-6pm	Evening 6pm-10pm	Nights 10pm-7am				
22.3 dB(A)	N/A	27.8 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 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:

0457 464 129 or [VickeryEnvironment@whitehavencoal.com.au](mailto:VickeryEnvironment@whitehavencoal.com.au)