

## Vickery Site Monitoring

PM1 Air Quality (PM <sub>2.5</sub> )=
Average reading for 24hr period 00:00 – 23:59 hrs on 27 November 2024
8.2 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 27 November 2024
17.4 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 or communication issue.

PM2 Air Quality (PM <sub>2.5</sub> )=
Average reading for 24hr period 00:00 – 23:59 hrs on 27 November 2024
8.2 (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 27 November 2024
17.9 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 27 November 2024						
<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>27.3 dB(A)</td> <td>28.1 dB(A)</td> <td>26.7 dB(A)</td> </tr> </table>	Day: 7am-6pm	Evening 6pm-10pm	Nights 10pm-7am	27.3 dB(A)	28.1 dB(A)	26.7 dB(A)
Day: 7am-6pm	Evening 6pm-10pm	Nights 10pm-7am				
27.3 dB(A)	28.1 dB(A)	26.7 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 27 November 2024						
<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>24.1 dB(A)</td> <td>27.5 dB(A)</td> <td>23.0 dB(A)</td> </tr> </table>	Day: 7am-6pm	Evening 6pm-10pm	Nights 10pm-7am	24.1 dB(A)	27.5 dB(A)	23.0 dB(A)
Day: 7am-6pm	Evening 6pm-10pm	Nights 10pm-7am				
24.1 dB(A)	27.5 dB(A)	23.0 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.



**Vickery Coal Mine**

5 Braymont Rd  
Gunnedah, NSW 2380

 Weather	
Operational Response:	
<b>Actioned According to Management Plans - Wind Speeds up to 9.9m/s– 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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