




Vickery Site Monitoring

 PM1 Air Quality (PM _{2.5})=
Average reading for 24hr period 00:00 – 23:59 hrs on 13 April 2025
1.7 µg/m ³
Operational Response: No Action Required

1. PM_{2.5}: 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 ₁₀)=
Average reading for 24hr period 00:00 – 23:59 hrs on 13 April 2025
3.9 µg/m ³
Operational Response: No Action Required

2. PM₁₀: 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 _{2.5})=
Average reading for 24hr period 00:00 – 23:59 hrs on 13 April 2025
2.4 µg/m ³
Operational Response: No Action Required

3. PM_{2.5}: 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 ₁₀)=
Average reading for 24hr period 00:00 – 23:59 hrs on 13 April 2025
7.2 µg/m³
Operational Response: No Action Required

4. *PM₁₀: 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) ²³						
Average reading for the period of 13 April 2025						
<table border="0" style="width: 100%;"> <tr> <td style="text-align: center;">Day: 7am-6pm</td> <td style="text-align: center;">Evening 6pm-10pm</td> <td style="text-align: center;">Nights 10pm-7am</td> </tr> <tr> <td style="text-align: center;">23.3 dB(A)</td> <td style="text-align: center;">25.8 dB(A)</td> <td style="text-align: center;">24.4 dB(A)</td> </tr> </table>	Day: 7am-6pm	Evening 6pm-10pm	Nights 10pm-7am	23.3 dB(A)	25.8 dB(A)	24.4 dB(A)
Day: 7am-6pm	Evening 6pm-10pm	Nights 10pm-7am				
23.3 dB(A)	25.8 dB(A)	24.4 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) ²³						
Average reading for the period of 13 April 2025						
<table border="0" style="width: 100%;"> <tr> <td style="text-align: center;">Day: 7am-6pm</td> <td style="text-align: center;">Evening 6pm-10pm</td> <td style="text-align: center;">Nights 10pm-7am</td> </tr> <tr> <td style="text-align: center;">28.1 dB(A)</td> <td style="text-align: center;">27.5 dB(A)</td> <td style="text-align: center;">26.8 dB(A)</td> </tr> </table>	Day: 7am-6pm	Evening 6pm-10pm	Nights 10pm-7am	28.1 dB(A)	27.5 dB(A)	26.8 dB(A)
Day: 7am-6pm	Evening 6pm-10pm	Nights 10pm-7am				
28.1 dB(A)	27.5 dB(A)	26.8 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, 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:
No Action Required – Continue Monitoring
Weather condition and forecast is available at: http://www.whitehavencoal.com.au/weather/

For further information contact:

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