Vickery Coal Mine

5 Braymont Rd
Gunnedah, NSW 2380

Vickery Site Monitoring

PM1 Air Quality ($PM_{2.5}$)=
Average reading for 24hr period 00:00 – 23:59 hrs on 13 January 2025
4.2 (C) 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 or communication issue.*

PM1 Air Quality (PM_{10})=
Average reading for 24hr period 00:00 – 23:59 hrs on 13 January 2025
5.9 µg/m^3
Operational Response: No Action Required

2. *PM_{10}: 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 ($PM_{2.5}$)=
Average reading for 24hr period 00:00 – 23:59 hrs on 13 January 2025
N/A
Operational Response: Monitor Under repair

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 or communication issue.*

PM2 Air Quality (PM_{10})=
Average reading for 24hr period 00:00 – 23:59 hrs on 13 January 2025
N/A
Operational Response: Monitor Under repair

4. *PM_{10}: 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)[23]		
Average reading for the period of 13 January 2025		
Day: 7am-6pm	Evening 6pm-10pm	Nights 10pm-7am
26.3 dB(A)	23.4 dB(A)	28.2 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)[23]		
Average reading for the period of 13 January 2025		
Day: 7am-6pm	Evening 6pm-10pm	Nights 10pm-7am
23.1 dB(A)	27.3 dB(A)	28.9 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:
No Action Required – Continue Monitoring
Weather condition and forecast is available at: http://www.whitehavencoal.com.au/weather/

For further information contact:

0457 464 129 or VickeryEnvironment@whitehavencoal.com.au