

5 Braymont Rd Gunnedah, NSW 2380

## **Vickery Site Monitoring**

✦ PM1 Air Quality (PM <sub>2.5</sub> )=			
Average reading for 24hr period 00:00 – 23:59 hrs on 19 April 2025			
7.3 μg/m <sup>3</sup>			
Operational Response:			
No Action Required			
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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, communication issue or when wind is greater than 3m/s or its raining over the monitoring period.



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, communication issue or when wind is greater than 3m/s or its raining over the monitoring period.

✤ PM2 Air Quality (PM <sub>2.5</sub> )=			
Average reading for 24hr period 00:00 – 23:59 hrs on 19 April 2025			
7.5 (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, communication issue or when wind is greater than 3m/s or its raining over the monitoring period.





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✤ PM2 Air Quality (PM10)=			
Average reading for 24hr period 00:00 – 23:59 hrs on 19 April 2025			
26.3 µg/m³			
Operational Response:			
No Action Required			
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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, 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) <sup>23</sup>				
Average reading for the period of 19 April 2025				
Day: 7am-6pm <b>25.9 dB(A)</b>	Evening 6pm-10pm 21.4 dB(A)	Nights 10pm-7am 25.8 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.



Vickery Coal Mine



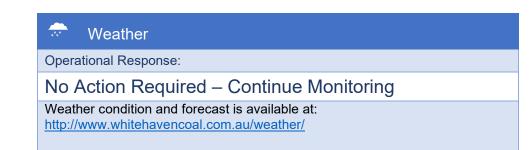
5 Braymont Rd Gunnedah, NSW 2380

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.

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(C): recalculation of the average as some data unavailable due to rain, power or communications.



For further information contact:

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