

Vickery Site Monitoring

| PM1 Air Quality (PM _{2.5})= |
|--|
| Average reading for 24hr period 00:00 – 23:59 hrs on 2 December 2024 |
| 4.5 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 2 December 2024 |
| 8.1 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 or communication issue.


| PM2 Air Quality (PM _{2.5})= |
|--|
| Average reading for 24hr period 00:00 – 23:59 hrs on 2 December 2024 |
| 9.0 (C) 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 or communication issue.


|  PM2 Air Quality (PM ₁₀)= | |
|--|--|
| Average reading for 24hr period 00:00 – 23:59 hrs on 2 December 2024 | |
| 13.0 (C) µg/m ³ | |
| 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 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 2 December 2024 | | | |
| Day: 7am-6pm | Evening 6pm-10pm | Nights 10pm-7am | |
| 24.5 dB(A) | 22.8 dB(A) | 27.3 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 2 December 2024 | | | |
| Day: 7am-6pm | Evening 6pm-10pm | Nights 10pm-7am | |
| 25.3 dB(A) | 21.0 dB(A) | 22.9 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.

|  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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