

Vickery Site Monitoring

| PM1 Air Quality (PM _{2.5})= |
|--|
| Average reading for 24hr period 00:00 – 23:59 hrs on 30 October 2024 |
| 6.9 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 30 October 2024 |
| 16.1 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 30 October 2024 |
| N/A |
| 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 30 October 2024 |
| N/A |
| 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 30 October 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>28.1 dB(A)</td> <td>26.0 dB(A)</td> <td>24.3 dB(A)</td> </tr> </table> | Day: 7am-6pm | Evening 6pm-10pm | Nights 10pm-7am | 28.1 dB(A) | 26.0 dB(A) | 24.3 dB(A) |
| Day: 7am-6pm | Evening 6pm-10pm | Nights 10pm-7am | | | | |
| 28.1 dB(A) | 26.0 dB(A) | 24.3 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 30 October 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>24.8 dB(A)</td> <td>20.7 dB(A)</td> <td>24.1 dB(A)</td> </tr> </table> | Day: 7am-6pm | Evening 6pm-10pm | Nights 10pm-7am | 24.8 dB(A) | 20.7 dB(A) | 24.1 dB(A) |
| Day: 7am-6pm | Evening 6pm-10pm | Nights 10pm-7am | | | | |
| 24.8 dB(A) | 20.7 dB(A) | 24.1 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:

0457 464 129 or VickeryEnvironment@whitehavencoal.com.au