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## **Boral Cement Marulan POELA Act 2011 Monitoring Data February 2026 Report**

### **BORAL CEMENT LIMITED**

**Marulan South Limestone Mine and Lime Plant**

**Hume Street,**

**Marulan South, NSW 2579**

**Environmental Protection Licence No. 944**

[https://www.boral.com.au/sites/default/files/media/field\\_document/230314%20EPL%20944.pdf](https://www.boral.com.au/sites/default/files/media/field_document/230314%20EPL%20944.pdf)

Explanation of units of measure:

mg/m<sup>3</sup> = milligrams per cubic metre

g/m<sup>2</sup>/month = grams per square metre per month

µg/m<sup>3</sup> = micrograms per cubic metre

mg/L = milligrams per litre

**Record updated on 28/2/2026**

**Compliance Summary:      The site is currently compliant with the Licence limits.**



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## 1. Annual Stack Monitoring

| Assessable Parameter (mg/m <sup>3</sup> )                              | Licence Limit           | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 (April) |
|--|-------------------------|---------|---------|---------|---------|-----------------|
| <b>Emission Source: Kiln Stack (EPA identification Number: 11)</b>     |                         |         |         |         |         |                 |
| Solid Particulates   | 100 mg/m <sup>3</sup>   | 86      | 39      | 8.4     | 43      | 64              |
| Nitrogen Oxides  | 2,000 mg/m <sup>3</sup> | 470     | 240     | 370     | 300     | 300             |
| <b>Emission Source: Hydrator Stack (EPA identification Number: 12)</b> |                         |         |         |         |         |                 |
| Solid Particles Particulates   | 100 mg/m <sup>3</sup>   | 9.7     | <2.0    | <2.0    | <2.0    | 1.5             |
| <b>Emission Source: Kiln Stack (EPA identification Number: 11)</b>     |                         |         |         |         |         |                 |
| Solid Particulates   | 100 mg/m <sup>3</sup>   | 48      | 43      |         |         |                 |
| Nitrogen Oxides  | 2,000 mg/m <sup>3</sup> | n/a     | 300     |         |         |                 |
| <b>Emission Source: Hydrator Stack (EPA identification Number: 12)</b> |                         |         |         |         |         |                 |
| Solid Particles Particulates   | 100 mg/m <sup>3</sup>   | n/a     | <2      |         |         |                 |

**Compliance summary:** Marulan plant is compliant with the Licence stack emission limits. The latest Annual Stack Monitoring was undertaken in November 2024.

## 2. Ambient air monitoring

### 2.1 Dust Deposition Gauges: Total Insoluble Matter (g/m<sup>2</sup>-month)

This test measures the levels of the coarse dust (generated mostly from unsealed roads, raw material handling, open stockpiles, etc.). It is a measure of dust *nuisance* (dust on cars, washing, window panes) in the immediate vicinity of the source, as the heavy dust settles quickly and doesn't travel far. It is not an indication of potential health problems as it doesn't penetrate into the respiratory system due to a large size of dust particles.

**Licence limit:** Not specified.



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The NSW State guideline of 4 g/m<sup>2</sup>/month (presented as 12-month rolling average) was adopted as an internal indicator of site performance.

| Month      | Report received on | Dust Deposition Gauges (g/m <sup>2</sup> /month 12-month rolling average) |                                  |                                |
|------------|--------------------|---|----------------------------------|--------------------------------|
|            |                    | EPA ID No. 16<br>(Stores Paddock Hill)                                    | EPA ID No. 18<br>(Freddy's Hill) | EPA ID No. 17<br>(Sub Station) |
| Jan 2019   | 20/02/19           | 13.81   | 5.45                             |                                |
| Feb 2019   | 18/03/19           | 12.86   | 5.16                             |                                |
| Mar 2019   | 02/05/19           | 13.37   | 4.94                             |                                |
| Apr 2019   | 29/05/19           | 13.43   | 4.41                             |                                |
| May 2019   | 29/06/19           | 14.40   | 4.38                             |                                |
| Jun 2019   | 26/7/19            | 14.71   | 4.52                             |                                |
| July 2019  |                    | 14.49   | 4.57                             |                                |
| Aug 2019   | 20/9/19            | 14.56   | 4.61                             |                                |
| Sep 2019   | 24/10/19           | 12.15   | 5.07                             |                                |
| Oct 2019   | 28/11/19           | 13.02   | 4.83                             |                                |
| Nov 2019   | 23/12/19           | 11.59   | 4.38                             |                                |
| Dec 2019   | 29/1/20            | 11.66   | 4.61                             |                                |
| Jan 2020   | 28/2/20            | 13.25   | 4.27                             |                                |
| Feb 2020   | 31/3/20            | 13.29   | 5.85                             |                                |
| Mar 2020   | 29/4/20            | 12.75   | 5.67                             |                                |
| Apr 2020   | 27/5/20            | 12.78   | 5.87                             |                                |
| May 2020   | 26/6/20            | 11.94   | 6.23                             |                                |
| Jun 2020   | 26/6/20            | 11.56   | 7.23                             |                                |
| Jul 2020   | 27/8/20            | 11.31   | 6.85                             |                                |
| Aug 2020   | 27/9/20            | 10.93   | 6.55                             |                                |
| Sep 2020   | 27/10/20           | 10.73   | 7.22                             |                                |
| Oct 2020   | 30/11/20           | 9.53  | 7.56                             |                                |
| Nov 2020   | 27/1/21            | 11.07   | 7.76                             |                                |
| Dec 2020   | 10/2/21            | 10.34   | 7.32                             |                                |
| Jan 2021   | 17/3/21            | 8.33  | 6.87                             |                                |
| Feb 2021   | 21/4/21            | 7.47  | 6.54                             |                                |
| Mar 2021   | 28/4/21            | 7.34  | 6.57                             |                                |
| April 2021 | 21/6/21            | 7.28  | 6.56                             |                                |



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| Month      | Report received on | Dust Deposition Gauges (g/m <sup>2</sup> /month 12-month rolling average) |                                  |                                |
|------------|--------------------|---|----------------------------------|--------------------------------|
|            |                    | EPA ID No. 16<br>(Stores Paddock Hill)                                    | EPA ID No. 18<br>(Freddy's Hill) | EPA ID No. 17<br>(Sub Station) |
| May 2021   | 30/6/21            | 6.91  | 6.43                             |                                |
| June 2021  | 11/8/21            | 6.94  | 5.71                             |                                |
| July 2021  | 7/9/21             | 6.88  | 5.59                             |                                |
| Aug 2021   | 22/9/21            | 6.88  | 5.53                             |                                |
| Sep 2021   | 12/11/21           | 6.93  | 5.16                             |                                |
| Oct 2021   | 26/11/21           | 6.97  | 5.06                             |                                |
| Nov 2021   | 22/12/21           | 4.40  | 6.75                             |                                |
| Dec 2021   | 25/1/22            | 4.09  | 6.61                             |                                |
| Jan 2022   | 1/3/22             | 3.72  | 6.72                             |                                |
| Feb 2022   | 4/4/22             | 3.74  | 5.90                             |                                |
| Mar 2022   | 19/5/22            | 3.67  | 5.57                             |                                |
| April 2022 | 11/6/22            | 3.42  | 6.05                             |                                |
| May 2022   | 7/7/22             | 3.39  | 5.92                             |                                |
| June 2022  | 29/7/22            | 3.27  | 5.59                             |                                |
| July 2022  | 2/9/22             | 3.17  | 5.54                             |                                |
| Aug 2022   | 28/9/22            | 2.88  | 5.40                             |                                |
| Sep 2022   | 17/11/22           | 2.75  | 4.77                             |                                |
| Oct 2022   | 15/12/22           | 2.63  | 4.52                             |                                |
| Nov 2022   | 09/02/23           | 2.42  | 2.66                             |                                |
| Dec 2022   | 10/02/23           | 2.29  | 2.56                             |                                |
| Jan 2023   | 06/03/23           | 2.37  | 2.40                             | 1.41                           |
| Feb 2023   | 12/04/23           | 2.22  | 2.19                             | 1.26                           |
| Mar 2023   | 08/05/23           | 2.46  | 2.52                             | 1.94                           |
| April 2023 | 29/05/23           | 2.65  | 2.28                             | 2.02                           |
| May 2023   | 22/06/23           | 2.59  | 2.19                             | 1.96                           |
| June 2023  | 20/07/23           | 2.77  | 2.19                             | 1.95                           |
| July 2023  | 22/08/23           | 2.86  | 2.15                             | 2.09                           |
| Aug 2023   | 26/09/23           | 3.00  | 2.16                             | 2.16                           |
| Sep 2023   | 30/10/23           | 2.98  | 1.97                             | 2.26                           |



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| Month      | Report received on | Dust Deposition Gauges (g/m <sup>2</sup> /month 12-month rolling average) |                                  |                                |
|------------|--------------------|---|----------------------------------|--------------------------------|
|            |                    | EPA ID No. 16<br>(Stores Paddock Hill)                                    | EPA ID No. 18<br>(Freddy's Hill) | EPA ID No. 17<br>(Sub Station) |
| Oct 2023   | 20/11/23           | 3.33  | 1.88                             | 2.32                           |
| Nov 2023   | 08/01/23           | 3.60  | 1.84                             | 2.36                           |
| Dec 2023   | 06/02/24           | 3.79  | 2.36                             | 2.32                           |
| Jan 2024   | 27/02/24           | 3.85  | 2.56                             | 2.32                           |
| Feb 2024   | 09/02/24           | 4.01  | 2.69                             | 2.29                           |
| Mar 2024   | 01/05/24           | 3.72  | 3.66                             | 1.59                           |
| Apr 2024   | 24/05/2024         | 3.38  | 3.30                             | 1.59                           |
| May 2024   | 17/07/2024         | 3.29  | 3.29                             | 1.51                           |
| Jun 2024   | 9/08/2024          | 2.99  | 3.34                             | 1.48                           |
| Jul 2024   | 28/08/2024         | 2.09  | 1.07                             | 0.45                           |
| Aug 2024   | 19/09/2024         | 4.02  | 1.65                             | 0.88                           |
| Sep 2024   | 01/11/2024         | 6.44  | 1.16                             | 0.65                           |
| Oct 2024   | 27/11/2024         | 3.04  | 2.43                             | 3.26                           |
| Nov 2024   | -                  | -   | -                                | -                              |
| Dec 2024   | 05/02/2024         | 4.21  | 2.46                             | 0.97                           |
| Jan 2025   | 14/03/2025         | 0.54  | 0.77                             | 0.19                           |
| Feb 2025   | 02/04/2025         | 3.07  | 1.52                             | 1.97                           |
| Mar 2025   | 29/04/2025         | 2.87  | 3.64                             | 1.98                           |
| April 2025 | 26/05/2025         | 2.67  | 3.42                             | 2.67                           |
| May 2025   | 26/06/2025         | 0.98  | 2.91                             | 1.04                           |
| Jun 2025   | 23/07/2025         | 3.19  | 2.57                             | 1.38                           |
| Jul 2025   | 4/9/2025           | 3.56  | 2.94                             | 1.71                           |
| Aug 2025   | 8/10/25            | 3.79  | 3.87                             | 2.13                           |
| Sep 2025   | 28/10/2025         | 3.78  | 3.81                             | 2.11                           |
| Oct 2025   | 18/11/2025         | 3.68  | 3.85                             | 2.87                           |
| Nov 2025   | 13/01/2026         | 4.27  | 4.04                             | 3.61                           |
| Dec 2025   | 5/2/2026           | 4.59  | 3.71                             | 3.81                           |

**Compliance Summary:** The site does not have a compliance limit for dust deposition. Elevated results at the two licenced points is generally reflective of their proximity to operations or activities in the surrounding paddocks. The nearest residence monitoring point is company owned.



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**Notes:**

The stores paddock hill gauge is located on the limestone premises and is used as an indicator to manage dust from operations. Further analysis of the dust has revealed that the majority of material was organic and likely to have been from windblown paddock grasses and bird depositions.

15/2/2020: Nearest Residence monitoring station damaged in extreme weather. No sample was taken for that month. Reading given in any month is an average of the prior 12 months where data available.

The results for November 2024 are not available due to an internal error.

**2.2 High Volume Air Sampling: PM10 dust fraction (µg/m<sup>3</sup> 24 hrs)**

This test measures the levels of the fine dust suspended in the air (generated mostly from stack emissions). It is a measure of potential *health effects* (irritation of the respiratory tract) as the small particles can penetrate into the airways and the lungs. Fine dust can persist in the atmosphere for days or even months before it settles and can travel some distance.

Annual Criteria is 25 µg/m<sup>3</sup> and twenty-four hour criteria is 50 µg/m<sup>3</sup>

|                           |          |          |          |          |          |          |          |          |
|---------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Sampling date             | 3/1/23   | 10/1/23  | 15/1/23  | 21/01/23 | 27/01/23 | 2/02/23  | 8/2/23   | 14/02/23 |
| Report date               | 16/1/23  | 16/1/23  | 17/2/23  | 17/2/23  | 17/2/23  | 17/2/23  | 17/2/23  | 14/3/23  |
| PM10 (µg/m <sup>3</sup> ) | 8.00     | 27.48    | 27.65    | 18.09    | 14.73    | 34.08    | 7.52     | 33.92    |
| Sampling date             | 20/02/23 | 26/02/23 | 04/03/23 | 10/03/23 | 16/03/23 | 22/03/23 | 28/03/23 | 03/04/23 |
| Report date               | 14/3/23  | 14/3/23  | 14/3/23  | 26/04/23 | 26/04/23 | 26/04/23 | 26/04/23 | 15/05/23 |
| PM10 (µg/m <sup>3</sup> ) | 43.24    | 27.41    | 30.29    | 34.43    | 37.46    | 27.22    | 28.43    | 9.77     |
| Sampling date             | 09/04/23 | 15/04/23 | 21/04/23 | 27/04/23 | 03/05/23 | 09/05/23 | 15/05/23 | 21/05/23 |
| Report date               | 15/05/23 | 15/05/23 | 15/05/23 | 15/05/23 | 15/05/23 | 16/06/23 | 16/06/23 | 16/06/23 |
| PM10 (µg/m <sup>3</sup> ) | 5.51     | 17.05    | 15.70    | 16.82    | 9.28     | 1.09     | 14.96    | 2.26     |
| Sampling date             | 27/05/23 | 02/06/23 | 08/06/23 | 14/06/23 | 20/06/23 | 26/06/23 | 02/07/23 | 08/07/23 |
| Report date               | 16/06/23 | 16/06/23 | 12/07/23 | 12/07/23 | 12/07/23 | 12/07/23 | 12/07/23 | 16/07/23 |
| PM10 (µg/m <sup>3</sup> ) | 6.22     | 15.98    | 10.57    | 3.91     | 0.67     | 0.96     | 3.21     | 4.11     |
| Sampling date             | 14/07/23 | 20/07/23 | 26/07/23 | 01/08/23 | 07/08/23 | 13/08/23 | 19/08/23 | 25/09/23 |
| Report date               | 16/07/23 | 16/07/23 | 16/07/23 | 16/07/23 | 27/08/23 | 27/08/23 | 27/08/23 | 27/08/23 |
| PM10 (µg/m <sup>3</sup> ) | 4.72     | 9.51     | 3.55     | 1.36     | 6.82     | 6.68     | 0.14     | 6.67     |
| Sampling date             | 31/08/23 | 06/09/23 | 12/09/23 | 18/09/23 | 24/09/23 | 30/09/23 | 06/10/23 | 12/10/23 |
| Report date               | 27/08/23 | 27/08/23 | 28/10/23 | 28/10/23 | 28/10/23 | 28/10/23 | 20/11/23 | 20/11/23 |
| PM10 (µg/m <sup>3</sup> ) | 2.20     | 4.06     | 9.47     | 41.67    | 13.69    | 9.23     | 9.84     | 31.98    |
| Sampling date             | 18/10/23 | 24/10/23 | 30/10/23 | 5/11/23  | 11/11/23 | 17/11/23 | 23/11/23 | 29/11/23 |
| Report date               | 20/11/23 | 20/11/23 | 20/11/23 | 15/12/23 | 15/12/23 | 15/12/23 | 15/12/23 | 15/12/23 |
| PM10 (µg/m <sup>3</sup> ) | 9.60     | 32.06    | 45.49    | 19.42    | 23.01    | 24.34    | 14.20    | 12.37    |
| Sampling date             | 05/12/23 | 11/12/23 | 17/12/23 | 23/12/23 | 29/12/23 | 04/01/24 | 10/01/24 | 16/01/24 |
| Report date               | 15/12/23 | 25/01/24 | 25/01/24 | 25/01/24 | 25/01/24 | 25/01/24 | 21/02/24 | 21/02/24 |
| PM10 (µg/m <sup>3</sup> ) | 26.28    | 27.04    | 26.26    | 16.08    | 10.91    | 12.60    | 20.92    | 3.67     |



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|---------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Sampling date | 22/01/24 | 28/01/24 | 03/02/24 | 09/02/24 | 15/02/24 | 21/02/24 | 27/02/24 | 04/03/24 |
| Report date   | 21/02/24 | 21/02/24 | 15/03/24 | 15/03/24 | 15/03/24 | 15/03/24 | 15/03/24 | 15/03/24 |
| PM10 (µg/m3)  | 22.33    | 21.63    | 30.84    | 21.05    | 12.50    | 8.99     | 14.54    | 30.23    |
| Sampling date | 10/03/24 | 16/03/24 | 22/03/24 | 28/03/24 | 03/04/24 | 09/04/24 | 15/04/24 | 21/04/24 |
| Report date   | 11/04/24 | 11/04/24 | 11/04/24 | 11/04/24 | 11/04/24 | 08/05/24 | 08/05/24 | 08/05/24 |
| PM10 (µg/m3)  | 18.12    | 14.09    | 15.63    | 33.12    | 12.48    | 7.06     | 16.86    | 17.68    |
| Sampling date | 26/04/24 | 30/04/24 | 03/05/24 | 09/05/24 | 15/05/24 | 21/05/24 | 27/05/24 | 02/06/24 |
| Report date   | 08/05/24 | 08/05/24 | 24/06/24 | 24/06/24 | 24/06/24 | 24/06/24 | 24/06/24 | 24/06/24 |
| PM10 (µg/m3)  | 16.06    | 12.95    | 3.01     | 3.28     | 12.27    | 8.14     | 19.01    | 0.96     |
| Sampling date | 08/06/24 | 14/06/24 | 20/06/24 | 26/06/24 | 02/07/24 | 08/07/24 | 14/07/24 | 20/07/24 |
| Report date   | 31/07/24 | 31/07/24 | 31/07/24 | 31/07/24 | 31/07/24 | 31/07/24 | 09/08/24 | 09/08/24 |
| PM10 (µg/m3)  | 5.06     | 8.56     | 4.20     | 8.95     | 4.78     | 13.19    | 8.76     | 6.18     |
| Sampling date | 26/07/24 | 01/08/24 | 07/08/24 | 13/08/24 | 19/08/24 | 25/08/24 | 31/08/24 | 06/09/24 |
| Report date   | 09/08/24 | 09/08/24 | 17/08/24 | 17/08/24 | 17/08/24 | 17/08/24 | 17/08/24 | 4/10/24  |
| PM10 (µg/m3)  | 1.17     | 14.08    | 14.47    | 8.56     | 8.76     | 8.90     | 9.82     | 19.99    |
| Sampling date | 12/09/24 | 18/09/24 | 24/09/24 | 30/09/24 | 6/10/24  | 12/10/24 | 18/10/24 | 24/10/24 |
| Report date   | 04/10/24 | 04/10/24 | 04/10/24 | 04/10/24 | 19/11/24 | 19/11/24 | 19/11/24 | 19/11/24 |
| PM10 (µg/m3)  | 12.45    | 22.68    | 34.17    | 17.60    | 8.97     | 20.26    | 39.45    | 30.41    |
| Sampling date | 30/10/24 | 5/11/24  | 11/11/24 | 17/11/24 | 23/11/24 | 29/11/24 | 11/12/24 | 17/12/24 |
| Report date   | 17/08/24 | 12/03/24 | 12/03/24 | 12/03/24 | 12/03/24 | 12/03/24 | 24/01/25 | 24/01/25 |
| PM10 (µg/m3)  | 33.90    | 27.98    | 26.24    | 17.75    | 38.85    | 13.48    | 22.26    | 45.89    |
| Sampling date | 23/12/24 | 29/12/24 | 04/01/25 | 10/01/25 | 16/01/25 | 22/01/25 | 28/01/25 | 03/02/25 |
| Report date   | 24/01/25 | 24/01/25 | 05/03/25 | 05/03/25 | 05/03/25 | 05/03/25 | 05/03/25 | 05/03/25 |
| PM10 (µg/m3)  | 29.96    | 21.19    | 24.08    | 12.18    | 13.40    | 32.88    | 27.77    | 59.90    |
| Sampling date | 09/02/25 | 15/02/25 | 21/02/25 | 27/02/25 | 05/03/25 | 11/3/25  | 17/3/25  | 23/03/25 |
| Report date   | 05/03/25 | 20/03/25 | 20/03/25 | 20/03/25 | 17/04/25 | 17/04/25 | 17/04/25 | 17/04/25 |
| PM10 (µg/m3)  | 6.07     | 14.85    | 20.34    | 28.46    | 19.87    | 15.45    | 14.93    | 4.41     |
| Sampling date | 29/03/25 | 04/04/25 | 10/04/25 | 16/04/25 | 22/04/25 | 28/04/25 | 04/05/25 | 10/05/25 |
| Report date   | 17/04/25 | 17/04/25 | 15/05/25 | 15/05/25 | 15/05/25 | 15/05/25 | 02/07/25 | 02/07/25 |
| PM10 (µg/m3)  | 2.04     | 18.60    | 52.53    | 32.75    | 7.60     | 18.65    | 15.08    | 15.86    |
| Sampling date | 16/05/25 | 22/05/25 | 28/05/25 | 03/06/25 | 09/06/25 | 15/06/25 | 21/06/25 | 27/06/25 |
| Report date   | 02/07/25 | 02/07/25 | 02/07/25 | 02/07/25 | 02/07/25 | 02/07/25 | 02/07/25 | 08/07/25 |
| PM10(µg/m3)   | 15.74    | 15.53    | 15.37    | 15.35    | 0.89     | 0.68     | 5.69     | 4.53     |
| Sampling date | 03/07/25 | 09/07/25 | 15/07/25 | 21/07/25 | 27/07/25 | 02/08/25 | 14/08/25 | 20/08/25 |
| Report date   | 15/08/25 | 15/08/25 | 15/08/25 | 15/07/25 | 15/07/25 | 15/07/25 | 15/09/25 | 15/09/25 |
| PM10(µg/m3)   | 0.62     | 19.47    | 12.62    | 31.22    | 3.34     | 2.66     | 4.08     | 3.66     |
| Sampling date | 26/08/25 | 1/09/25  | 7/09/25  | 13/09/25 | 19/9/25  | 25/09/25 | 1/10/25  | 7/10/25  |
| Report date   | 15/09/25 | 15/10/25 | 15/10/25 | 15/09/25 | 15/10/25 | 15/10/25 | 15/11/25 | 15/11/25 |
| PM10(µg/m3)   | 17.56    | 4.16     | 10.6     | 4.36     | 5.69     | 7.16     | 8.58     | 10.42    |



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|----------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Sampling date                    | 13/10/25 | 19/10/25 | 25/10/25 | 31/10/25 | 6/11/25  | 12/11/25 | 18/11/25 | 24/11/25 |
| Report date                      | 15/11/25 | 15/11/25 | 15/11/25 | 15/11/25 | 15/12/25 | 15/12/25 | 15/12/25 | 15/12/25 |
| PM10( $\mu\text{g}/\text{m}^3$ ) | 17.64    | 10.19    | 11.10    | 36.52    | 14.96    | 6.54     | 8.98     | 9.27     |

10/04/25 exceedance was reported and found to be due to mowing next to the air filters while sampling. An additional sample will be done to replace this result.

**Compliance Summary:** The plant does not have a Licence limit for air-suspended particulate. Sampling is programmed to run every six days, however on occasion the sampler can fail to run which is beyond the control of the site. Where reasonably practicable additional sample runs are undertaken to make up any missed samples. Elevated levels against guidelines are typically the result of adverse events such as dust storms and bushfires.

Notes:

- February 17/02/19 till 23/02/19 a large dust storm coming from a south westerly direction during the sampling period.
- March 2019 first half of the month was affected by dust storms and drier conditions.
- January 2021 Breakdown of Hi Volume PM10 monitoring station. First sample with new unit 21/5/2021. Samples for PM2.5 and TSP taken during this period.
- 31/5/21 Machine failed to operate. Frequency to be increased to make up average samples to in every 6 days.
- 17/12/24 PM10 exceeded  $25\mu\text{g}/\text{m}^3$  in 24 hours, an investigation concluded that this was an erroneous result as the PM2.5 readings for this day were within limits.

### 2.3 High Volume Air Sampling: PM2.5 dust fraction ( $\mu\text{g}/\text{m}^3$ 24 hrs)

Annual criteria is  $8\text{ uq}/\text{m}^3$  and twenty-four hour criteria is  $25\text{ uq}/\text{m}^3$

|                                    |          |          |          |          |          |          |          |          |
|------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Sampling date                      | 3/1/23   | 9/1/23   | 15/1/23  | 21/01/23 | 27/01/23 | 2/02/23  | 8/2/23   | 14/02/23 |
| Report date                        | 16/1/23  | 16/1/23  | 17/2/23  | 17/2/23  | 17/2/23  | 17/2/23  | 17/2/23  | 14/3/23  |
| PM2.5 ( $\mu\text{g}/\text{m}^3$ ) | 14.20    | 18.80    | 17.67    | 6.61     | 3.89     | 14.80    | 3.02     | 7.46     |
| Sampling date                      | 20/02/23 | 26/02/23 | 04/03/23 | 10/03/23 | 16/03/23 | 22/03/23 | 28/03/23 | 03/04/23 |
| Report date                        | 14/3/23  | 14/3/23  | 14/3/23  | 26/04/23 | 26/04/23 | 26/04/23 | 26/04/23 | 15/05/23 |
| PM2.5 ( $\mu\text{g}/\text{m}^3$ ) | 18.31    | 18.75    | 6.07     | 12.68    | 11.77    | 6.64     | 5.24     | 3.20     |
| Sampling date                      | 09/04/23 | 15/04/23 | 21/04/23 | 27/04/23 | 03/05/23 | 09/05/23 | 15/05/23 | 21/05/23 |
| Report date                        | 15/05/23 | 15/05/23 | 15/05/23 | 15/05/23 | 15/05/23 | 16/06/23 | 16/06/23 | 16/06/23 |
| PM2.5 ( $\mu\text{g}/\text{m}^3$ ) | 2.09     | 7.31     | 4.37     | 6.59     | 3.74     | 2.65     | 12.58    | 3.36     |
| Sampling date                      | 27/05/23 | 02/06/23 | 08/06/23 | 14/06/23 | 20/06/23 | 26/06/23 | 02/07/23 | 08/07/23 |
| Report date                        | 16/06/23 | 16/06/23 | 12/07/23 | 12/07/23 | 12/07/23 | 12/07/23 | 12/07/23 | 16/07/23 |
| PM2.5 ( $\mu\text{g}/\text{m}^3$ ) | 4.13     | 4.38     | 6.72     | 4.53     | 1.21     | 0.27     | 1.94     | 0.55     |
| Sampling date                      | 14/07/23 | 20/07/23 | 26/07/23 | 01/08/23 | 07/08/23 | 13/08/23 | 19/08/23 | 25/09/23 |
| Report date                        | 16/07/23 | 16/07/23 | 16/07/23 | 16/07/23 | 27/08/23 | 27/08/23 | 27/08/23 | 27/08/23 |
| PM2.5 ( $\mu\text{g}/\text{m}^3$ ) | 1.44     | 1.62     | 8.00     | 1.16     | 0.40     | 0.96     | 0.21     | 1.64     |



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|               |          |          |          |          |          |          |          |          |
|---------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Sampling date | 31/08/23 | 06/09/23 | 12/09/23 | 18/09/23 | 24/09/23 | 30/09/23 | 06/10/23 | 12/10/23 |
| Report date   | 27/08/23 | 27/08/23 | 28/10/23 | 28/10/23 | 28/10/23 | 28/10/23 | 20/11/23 | 20/11/23 |
| PM2.5 (µg/m3) | 0.76     | 3.03     | 5.77     | 19.87    | 9.40     | 5.68     | 5.82     | 17.25    |
| Sampling date | 18/10/23 | 24/10/23 | 30/10/23 | 5/11/23  | 11/11/23 | 17/11/23 | 23/11/23 | 29/11/23 |
| Report date   | 20/11/23 | 20/11/23 | 20/11/23 | 15/12/23 | 15/12/23 | 15/12/23 | 15/12/23 | 15/12/23 |
| PM2.5 (µg/m3) | 6.33     | 18.69    | 34.43    | 6.89     | 15.36    | 11.77    | 6.72     | 6.27     |
| Sampling date | 05/12/23 | 11/12/23 | 17/12/23 | 23/12/23 | 29/12/23 | 04/01/24 | 10/01/24 | 16/01/24 |
| Report date   | 15/12/23 | 25/01/24 | 25/01/24 | 25/01/24 | 25/01/24 | 25/01/24 | 21/02/24 | 21/02/24 |
| PM2.5 (µg/m3) | 14.98    | 14.26    | 10.95    | 7.86     | 4.56     | 5.95     | 22.56    | 10.13    |
| Sampling date | 22/01/24 | 28/01/24 | 03/02/24 | 09/02/24 | 15/02/24 | 21/02/24 | 27/02/24 | 04/03/24 |
| Report date   | 21/02/24 | 21/02/24 | 15/03/24 | 15/03/24 | 15/03/24 | 15/03/24 | 15/03/24 | 15/03/24 |
| PM2.5 (µg/m3) | 16.89    | 15.90    | 19.54    | 12.94    | 5.21     | 4.61     | 5.97     | 17.20    |
| Sampling date | 10/03/24 | 16/03/24 | 22/03/24 | 28/03/24 | 03/04/24 | 09/04/24 | 15/04/24 | 21/04/24 |
| Report date   | 19/04/24 | 19/04/24 | 19/04/24 | 19/04/24 | 19/04/24 | 08/05/24 | 19/04/24 | 19/04/24 |
| PM2.5(µg/m3)  | 11.28    | 9.28     | 12.82    | 11.70    | 14.52    | 5.65     | 12.91    | 21.98    |
| Sampling date | 27/04/24 | 30/04/24 | 03/05/24 | 09/05/24 | 15/05/24 | 21/05/24 | 27/05/24 | 02/06/24 |
| Report date   | 19/04/24 | 19/04/24 | 24/05/24 | 24/05/24 | 24/05/24 | 24/05/24 | 24/05/24 | 24/05/24 |
| PM2.5(µg/m3)  | 10.84    | 5.21     | 1.58     | 0.62     | 3.98     | 3.06     | 14.96    | 1.30     |
| Sampling date | 08/06/24 | 14/06/24 | 20/06/24 | 26/06/24 | 02/07/24 | 08/07/24 | 14/07/24 | 20/07/24 |
| Report date   | 31/07/24 | 31/07/24 | 31/07/24 | 31/07/24 | 31/07/24 | 31/07/24 | 22/08/24 | 22/08/24 |
| PM2.5(µg/m3)  | 6.19     | 5.23     | 7.88     | 5.60     | 2.29     | 8.05     | 5.82     | 8.71     |
| Sampling date | 26/07/24 | 01/08/24 | 07/08/24 | 13/08/24 | 19/08/24 | 25/08/24 | 31/08/24 | 06/09/24 |
| Report date   | 22/08/24 | 22/08/24 | 17/09/24 | 17/09/24 | 17/09/24 | 17/09/24 | 17/09/24 | 04/10/24 |
| PM2.5(µg/m3)  | 5.68     | 7.39     | 12.31    | 5.36     | 0.55     | 6.25     | 8.20     | 23.73    |
| Sampling date | 12/09/24 | 18/09/24 | 24/09/24 | 30/09/24 | 6/10/24  | 12/10/24 | 18/10/24 | 24/10/24 |
| Report date   | 04/10/24 | 04/10/24 | 04/10/24 | 04/10/24 | 19/11/24 | 19/11/24 | 19/11/24 | 19/11/24 |
| PM2.5(µg/m3)  | 3.88     | 17.21    | 24.98    | 12.18    | 6.52     | 10.01    | 21.58    | 16.14    |
| Sampling date | 30/10/24 | 5/11/24  | 11/11/24 | 17/11/24 | 23/11/24 | 29/11/24 | 11/12/24 | 17/12/24 |
| Report date   | 17/08/24 | 12/03/24 | 12/03/24 | 12/03/24 | 12/03/24 | 12/03/24 | 24/01/25 | 24/01/25 |
| PM2.5(µg/m3)  | 22.29    | 10.67    | 10.06    | 14.46    | 26.08    | 7.48     | 13.24    | 84.33    |
| Sampling date | 23/12/24 | 29/12/24 | 04/01/25 | 10/01/25 | 16/01/25 | 22/01/25 | 28/01/25 | 03/02/25 |
| Report date   | 24/01/25 | 24/01/25 | 04/03/25 | 04/03/25 | 04/03/25 | 04/03/25 | 04/03/25 | 04/03/25 |
| PM2.5(µg/m3)  | 26.66    | 15.87    | 18.26    | 7.51     | 5.54     | 23.81    | 19.99    | 30.21    |
| Sampling date | 09/02/25 | 15/02/25 | 21/02/25 | 27/02/25 | 05/03/25 | 11/03/25 | 17/03/25 | 23/03/25 |
| Report date   | 04/03/25 | 20/03/25 | 20/03/25 | 20/03/25 | 17/04/25 | 17/04/25 | 17/04/25 | 17/04/25 |
| PM2.5(µg/m3)  | 3.22     | 6.99     | 4.48     | 12.03    | 2.73     | 3.21     | 7.51     | 3.85     |
| Sampling date | 29/03/25 | 04/04/25 | 10/04/25 | 16/04/25 | 22/04/25 | 28/04/25 | 04/05/25 | 10/05/25 |
| Report date   | 16/05/25 | 16/05/25 | 16/05/25 | 16/05/25 | 16/05/25 | 16/05/25 | 16/05/25 | 02/07/25 |
| PM2.5(µg/m3)  | 2.04     | 4.77     | 38.07    | 14.18    | 5.37     | 9.23     | 9.71     | 0.68     |
| Sampling date | 16/05/25 | 22/05/25 | 28/05/25 | 3/06/25  | 9/06/25  | 15/06/25 | 21/06/25 | 27/06/25 |



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|               |          |          |          |          |          |          |          |          |
|---------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Report date   | 02/07/25 | 02/07/25 | 02/07/25 | 02/07/25 | 02/07/25 | 02/07/25 | 02/07/25 | 08/07/25 |
| PM2.5(µg/m3)  | 3.26     | 0.28     | 2.63     | 9.12     | 1.17     | 0.27     | 2.68     | 1.67     |
| Sampling date | 03/07/25 | 09/07/25 | 15/07/25 | 21/07/25 | 27/07/25 | 02/08/25 | 8/08/25  | 14/08/25 |
| Report date   | 15/08/25 | 15/08/25 | 15/08/25 | 15/08/25 | 15/08/25 | 15/09/25 | 15/09/25 | 15/09/25 |
| PM2.5(µg/m3)  | 0.35     | 7.84     | 2.39     | 9.54     | 1.74     | 2.32     | 3.85     | 2.25     |
| Sampling date | 20/08/25 | 26/08/25 | 1/09/25  | 7/9/25   | 13/9/25  | 19/9/25  | 25/9/25  | 1/10/25  |
| Report date   | 15/09/25 | 15/09/25 | 15/10/25 | 15/10/25 | 15/10/25 | 15/10/25 | 15/10/25 | 15/11/25 |
| PM2.5(µg/m3)  | 0.34     | 14.56    | 2.53     | 5.71     | 5.66     | 3.41     | 5.51     | 11.82    |
| Sampling date | 7/10/25  | 13/10/25 | 19/10/25 | 25/10/25 | 31/10/25 | 6/11/25  | 12/11/25 | 18/11/25 |
| Report date   | 15/11/25 | 15/11/25 | 15/11/25 | 15/11/25 | 15/11/25 | 15/12/25 | 15/12/25 | 15/12/25 |
| PM2.5(µg/m3)  | 8.14     | 8.49     | 7.08     | 6.27     | 11.69    | 13.98    | 5.56     | 10.03    |
| Sampling date | 24/11/25 |          |          |          |          |          |          |          |
| Report date   | 15/12/25 |          |          |          |          |          |          |          |
| PM2.5(µg/m3)  | 4.42     |          |          |          |          |          |          |          |

10/04/25 exceedance was reported and due to mowing next to the air filters. An additional sample will be done to replace this result.

#### 2.4 High Volume Air Sampling: TSP dust fraction (ug/m<sup>3</sup> 24 hrs)

Annual criteria is 90 ug/m<sup>3</sup>

|               |          |          |          |          |          |          |          |          |
|---------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Sampling date | 3/1/23   | 9/1/23   | 15/1/23  | 21/01/23 | 27/01/23 | 2/02/23  | 8/2/23   | 14/02/23 |
| Report date   | 16/1/23  | 16/1/23  | 17/2/23  | 17/2/23  | 17/2/23  | 17/2/23  | 17/2/23  | 14/3/23  |
| TSP (µg/m3)   | 27.91    | 24.06    | 43.04    | 34.98    | 31.98    | 34.49    | 13.79    | 68.27    |
| Sampling date | 20/02/23 | 26/02/23 | 04/03/23 | 10/03/23 | 16/03/23 | 22/03/23 | 28/03/23 | 12/04/23 |
| Report date   | 14/3/23  | 14/3/23  | 14/3/23  | 26/04/23 | 26/04/23 | 26/04/23 | 26/04/23 | 15/05/23 |
| TSP (µg/m3)   | 68.01    | 46.39    | 57.11    | 91.30    | 52.22    | 69.89    | 44.82    | 7.64     |
| Sampling date | 13/04/23 | 15/04/23 | 21/04/23 | 27/04/23 | 03/05/23 | 11/05/23 | 15/05/23 | 21/05/23 |
| Report date   | 15/05/23 | 15/05/23 | 15/05/23 | 15/05/23 | 15/05/23 | 16/06/23 | 16/06/23 | 16/06/23 |
| TSP (µg/m3)   | 8.95     | 39.42    | 35.59    | 47.19    | 16.91    | 25.67    | 16.07    | 5.60     |
| Sampling date | 27/05/23 | 02/06/23 | 08/06/23 | 14/06/23 | 20/06/23 | 26/06/23 | 02/07/23 | 08/07/23 |
| Report date   | 16/06/23 | 16/06/23 | 12/07/23 | 12/07/23 | 12/07/23 | 12/07/23 | 12/07/23 | 16/07/23 |
| TSP (µg/m3)   | 3.94     | 38.75    | 49.76    | 0.69     | 1.69     | 7.18     | 31.83    | 6.62     |
| Sampling date | 14/07/23 | 20/07/23 | 26/07/23 | 01/08/23 | 07/08/23 | 13/08/23 | 19/08/23 | 25/09/23 |
| Report date   | 16/07/23 | 16/07/23 | 16/07/23 | 16/07/23 | 27/08/23 | 27/08/23 | 27/08/23 | 27/08/23 |
| TSP (µg/m3)   | 13.03    | 20.85    | 11.88    | 6.03     | 5.58     | 2.99     | 0.12     | 35.68    |
| Sampling date | 31/08/23 | 06/09/23 | 12/09/23 | 18/09/23 | 24/09/23 | 30/09/23 | 06/10/23 | 12/10/23 |
| Report date   | 27/08/23 | 27/08/23 | 28/10/23 | 28/10/23 | 28/10/23 | 28/10/23 | 20/11/23 | 20/11/23 |
| TSP (µg/m3)   | 6.27     | 11.03    | 18.94    | 23.19    | 19.28    | 13.79    | 13.79    | 78.47    |
| Sampling date | 18/10/23 | 24/10/23 | 30/10/23 | 5/11/23  | 11/11/23 | 17/11/23 | 23/11/23 | 29/11/23 |
| Report date   | 20/11/23 | 20/11/23 | 20/11/23 | 15/12/23 | 15/12/23 | 15/12/23 | 15/12/23 | 15/12/23 |



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|               |          |          |          |          |          |          |          |          |
|---------------|----------|----------|----------|----------|----------|----------|----------|----------|
| TSP (µg/m3)   | 25.52    | 3.73     | 5.93     | 5.08     | 6.91     | 6.92     | 5.31     | 8.36     |
| Sampling date | 05/12/23 | 11/12/23 | 17/12/23 | 23/12/23 | 29/12/23 | 04/01/24 | 10/01/24 | 16/01/24 |
| Report date   | 15/12/23 | 25/01/24 | 25/01/24 | 25/01/24 | 25/01/24 | 25/01/24 | 21/02/24 | 21/02/24 |
| TSP (µg/m3)   | 4.13     | 1.86     | 3.02     | 3.61     | 23.23    | 18.40    | 19.97    | 28.51    |
| Sampling date | 22/01/24 | 28/01/24 | 03/02/24 | 09/02/24 | 15/02/24 | 21/02/24 | 27/02/24 | 04/03/24 |
| Report date   | 21/02/24 | 21/02/24 | 15/03/24 | 15/03/24 | 15/03/24 | 15/03/24 | 15/03/24 | 15/03/24 |
| TSP (µg/m3)   | 11.62    | 7.82     | 64.73    | 48.89    | 21.92    | 20.32    | 46.27    | 86.49    |
| Sampling date | 10/03/24 | 16/03/24 | 23/03/24 | 28/03/24 | 03/04/24 | 09/04/24 | 15/04/24 | 21/04/24 |
| Report date   | 11/04/24 | 11/04/24 | 11/04/24 | 11/04/24 | 11/04/24 | 08/05/24 | 08/05/24 | 08/05/24 |
| TSP (µg/m3)   | 47.77    | 37.92    | 51.78    | 62.36    | 46.25    | 13.57    | 33.89    | 56.77    |
| Sampling date | 30/04/24 | 27/04/24 | 03/05/24 | 09/05/24 | 15/05/24 | 21/05/24 | 29/05/24 | 02/06/24 |
| Report date   | 08/05/24 | 08/05/24 | 24/06/24 | 24/06/24 | 24/06/24 | 24/06/24 | 24/06/24 | 24/06/24 |
| TSP (µg/m3)   | 25.00    | 35.47    | 8.30     | 5.82     | 20.39    | 16.31    | 23.21    | 7.59     |
| Sampling date | 08/06/24 | 14/06/24 | 20/06/24 | 26/06/24 | 02/07/24 | 08/07/24 | 14/07/24 | 20/07/24 |
| Report date   | 31/07/24 | 31/07/24 | 31/07/24 | 31/07/24 | 31/07/24 | 31/07/24 | 22/08/24 | 22/08/24 |
| TSP (µg/m3)   | 5.18     | 14.73    | 11.53    | 17.91    | 2.91     | 21.98    | 8.56     | 16.86    |
| Sampling date | 26/07/24 | 01/08/24 | 07/08/24 | 13/08/24 | 19/08/24 | 25/08/24 | 31/08/24 | 06/09/24 |
| Report date   | 22/08/24 | 22/08/24 | 17/09/24 | 17/09/24 | 17/09/24 | 17/09/24 | 17/09/24 | 4/10/24  |
| TSP (µg/m3)   | 9.60     | 24.45    | 34.69    | 19.20    | 27.84    | 22.10    | 19.10    | 33.24    |
| Sampling date | 18/09/24 | 20/09/24 | 24/09/24 | 30/09/24 | 19/11/24 | 19/11/24 | 19/11/24 | 19/11/24 |
| Report date   | 4/10/24  | 4/10/24  | 4/10/24  | 4/10/24  | 6/10/24  | 13/10/24 | 18/10/24 | 24/10/24 |
| TSP (µg/m3)   | 26.90    | 13.61    | 49.76    | 29.26    | 19.07    | 51.17    | 73.88    | 61.78    |
| Sampling date | 19/11/24 | 5/11/24  | 11/11/24 | 17/11/24 | 23/11/24 | 29/11/24 | 11/12/24 | 17/12/24 |
| Report date   | 30/10/24 | 12/03/24 | 12/03/24 | 12/03/24 | 12/03/24 | 12/03/24 | 24/01/25 | 24/01/25 |
| TSP (µg/m3)   | 59.58    | 48.23    | 45.54    | 34.89    | 50.05    | 17.42    | 35.81    | 68.99    |
| Sampling date | 23/12/24 | 29/12/24 | 04/01/25 | 10/01/25 | 16/01/25 | 22/01/25 | 28/01/25 | 03/02/25 |
| Report date   | 24/01/25 | 24/01/25 | 05/03/25 | 05/03/25 | 05/03/25 | 05/03/25 | 05/03/25 | 05/03/25 |
| TSP (µg/m3)   | 41.45    | 26.51    | 33.07    | 22.10    | 22.26    | 49.48    | 45.43    | 101.19   |
| Sampling date | 09/02/25 | 15/02/25 | 21/02/25 | 27/02/25 | 06/03/25 | 11/03/25 | 17/03/25 | 24/03/25 |
| Report date   | 05/03/25 | 20/03/25 | 20/03/25 | 20/03/25 | 17/04/25 | 17/04/25 | 17/04/25 | 17/04/25 |
| TSP (µg/m3)   | 25.64    | 26.51    | 49.15    | 64.30    | 32.73    | 26.50    | 57.71    | 66.26    |
| Sampling date | 29/03/25 | 07/04/25 | 10/04/25 | 16/04/25 | 22/04/25 | 28/04/25 | 04/05/25 | 10/05/25 |
| Report date   | 17/04/25 | 17/04/25 | 14/05/25 | 14/05/25 | 14/05/25 | 14/05/25 | 14/05/25 | 08/07/25 |
| TSP (µg/m3)   | 9.43     | 59.05    | 83.02    | 58.69    | 27.48    | 31.08    | 26.79    | 35.46    |
| Sampling date | 16/05/25 | 22/05/25 | 21/02/25 | 28/05/25 | 3/06/25  | 9/06/25  | 15/06/25 | 21/06/25 |
| Report date   | 08/07/25 | 08/07/25 | 08/07/25 | 08/07/25 | 08/07/25 | 08/07/25 | 08/07/25 | 08/07/25 |
| TSP (µg/m3)   | 25.64    | 26.51    | 49.15    | 64.30    | 32.73    | 26.50    | 57.71    | 66.26    |
| Sampling date | 27/06/25 | 03/07/25 | 11/07/25 | 15/07/25 | 21/07/25 | 27/07/25 | 02/08/25 | 08/08/25 |
| Report date   | 08/07/25 | 15/08/25 | 15/08/25 | 15/08/25 | 15/08/25 | 15/08/25 | 15/07/25 | 15/09/25 |
| TSP (µg/m3)   | 25.64    | 0.72     | 2.44     | 18.73    | 58.84    | 9.04     | 3.84     | 26.58    |



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|               |          |          |          |          |          |          |          |          |
|---------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Sampling date | 14/08/25 | 20/08/25 | 1/09/25  | 7/09/25  | 13/09/25 | 19/09/25 | 25/09/25 | 1/10/25  |
| Report date   | 15/09/25 | 15/09/25 | 15/10/25 | 15/10/25 | 15/10/25 | 15/10/25 | 15/10/25 | 15/11/25 |
| TSP (µg/m3)   | 7.51     | 9.96     | 11.41    | 20.56    | 15.75    | 11.06    | 18.9     | 19.1     |
| Sampling date | 7/10/25  | 13/10/25 | 19/10/25 | 25/10/25 | 31/10/25 | 6/11/25  | 12/11/25 | 18/11/25 |
| Report date   | 15/11/25 | 15/11/25 | 15/11/25 | 15/11/25 | 15/11/25 | 15/12/25 | 15/12/25 | 15/12/25 |
| TSP (µg/m3)   | 24.54    | 43.32    | 35.58    | 19.4     | 86.01    | 31.77    | 17.64    | 27.02    |
| Sampling date | 24/11/25 |          |          |          |          |          |          |          |
| Report date   | 15/12/25 |          |          |          |          |          |          |          |
| TSP (µg/m3)   | 29.6     |          |          |          |          |          |          |          |

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### 3 Blast monitoring:

Limits:

- \* The overpressure level from blasting operations at the premises must not exceed 120dB (Lin Peak) at any time
- \* The overpressure level from blasting operations at the premises must not exceed 115dB (Lin Peak) for more than 5% of the total number of blasts over each reporting period
- \* Ground vibration peak particle vector from the blasting operations at the premises must not exceed 10mm/sec at any time
- \* Ground vibration peak particle vector from the blasting operations at the premises must not exceed 5mm/sec for more than 5% of the total number of blasts over each reporting period
- \* Blast monitoring overpressure and ground vibration is measured at the 2 locations. – 643 Marulan South Rd and the Substation.

| Date      | Time   | Airblast Overpressure Substation | Ground Vibration Substation | Airblast Overpressure 643 Marulan South Rd | Ground Vibration 643 Marulan South Rd | Compliant |
|-----------|--------|----------------------------------|-----------------------------|--|---------------------------------------|-----------|
|           |        | dB(Lin Peak)                     | (mm/s)                      | dB(Lin Peak)                               | (mm/s)                                |           |
| 11-Jan-23 | 14:37  | No trigger                       | No trigger                  | 97.9                                       | 0.13                                  | Yes       |
| 12-Jan-23 | 13:50  | No trigger                       | No trigger                  | 97.9                                       | 0.17                                  | Yes       |
| 16-Jan-23 | 14:55  | No trigger                       | No trigger                  | 103.8                                      | 0.39                                  | Yes       |
| 23-Jan-23 | 15:37  | 91.5                             | 0.14                        | 95.8                                       | 0.17                                  | Yes       |
| 25-Jan-23 | 13:16  | 98.9                             | 0.19                        | 97.4                                       | 0.35                                  | Yes       |
| 13-Feb-23 | 3.40PM | No trigger                       | No trigger                  | 98.8                                       | 0.16                                  | Yes       |
| 17-Feb-23 | 9.54AM | 91.3                             | 0.16                        | No trigger                                 | No trigger                            | Yes       |
| 20-Feb-23 | 1.01PM | 94                               | 0.19                        | 92.1                                       | 0.28                                  | Yes       |
| 22-Feb-23 | 3.35PM | 101.9                            | 0.13                        | 102.7                                      | 0.13                                  | Yes       |



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|           |         |       |            |            |            |     |
|-----------|---------|-------|------------|------------|------------|-----|
| 01-Mar-23 | 1.16PM  | 102.8 | 0.14       | 96.4       | 0.21       | Yes |
| 02-Mar-23 | 3.43PM  | 94    | 0.22       | 101.9      | 0.26       | Yes |
| 08-Mar-23 | 2.12PM  | 104.9 | 0.21       | 107.4      | 0.12       | Yes |
| 13-Mar-23 | 12.59PM | 95.9  | 0.22       | 94.7       | 0.2        | Yes |
| 15-Mar-23 | 12.08PM | 88    | 0.22       | 101.9      | 0.2        | Yes |
| 20-Mar-23 | 1.57PM  | 91.5  | 0.17       | 103.4      | 0.14       | Yes |
| 30-Mar-23 | 3.20PM  | 103.5 | 0.24       | 94.9       | 0.34       | Yes |
| 03-Apr-23 | 2.05PM  | 105.9 | 0.31       | 102.6      | 0.24       | Yes |
| 13-Apr-23 | 1.42PM  | 105.2 | 0.26       | 102.5      | 0.2        | Yes |
| 17-Apr-23 | 1.01PM  | 101.7 | No trigger | No trigger | No trigger | Yes |
| 19-Apr-23 | 1.36PM  | 101.7 | 0.19       | 96.1       | 0.17       | Yes |
| 20-Apr-23 | 1.31PM  | 100.7 | 0.21       | No trigger | No trigger | Yes |
| 26-Apr-23 | 12.41PM | 106.7 | No trigger | No trigger | No trigger | Yes |
| 01-May-23 | 3.39PM  | 98.2  | 0.15       | No trigger | No trigger | Yes |
| 03-May-23 | 1.24PM  | 104.2 | 0.19       | 104.6      | 0.16       | Yes |
| 08-May-23 | 2.53PM  | 104.6 | 0.19       | 105.4      | 0.27       | Yes |
| 09-May-23 | 2.55PM  | 97.4  | 0.13       | No trigger | No trigger | Yes |
| 11-May-23 | 11.49AM | 93.5  | 0.15       | No trigger | No trigger | Yes |
| 15-May-23 | 1.59PM  | 94.7  | 0.13       | 99.5       | 0.17       | Yes |
| 17-May-23 | 12.34PM | 95.7  | 0.13       | No trigger | No trigger | Yes |
| 22-May-23 | 10.16AM | 96.6  | 0.13       | 96.9       | 0.13       | Yes |
| 25-May-23 | 2.04PM  | 113.4 | 0.13       | 98.7       | 0.27       | Yes |
| 29-May-23 | 3.37PM  | 106.4 | 0.22       | 101.8      | 0.18       | Yes |
| 01-Jun-23 | 1.18PM  | 108.9 | 0.13       | 100.8      | 0.22       | Yes |
| 05-Jun-23 | 10.43AM | 104.6 | 0.24       | 100        | 0.22       | Yes |
| 08-Jun-23 | 12.28PM | 88.6  | 0.12       | NO TRIGGER | NO TRIGGER | Yes |
| 14-Jun-23 | 1.33PM  | 108.6 | 0.14       | 92.6       | 0.19       | Yes |
| 15-Jun-23 | 4.06PM  | 97.4  | 0.13       | 97         | 0.45       | Yes |
| 20-Jun-23 | 11.46AM | 96.6  | 0.14       | 99.6       | 0.17       | Yes |
| 22-Jun-23 | 4.40PM  | 88.6  | 0.12       | 91.1       | 0.17       | Yes |
| 26-Jun-23 | 1.10PM  | 118.5 | 0.24       | 119.1      | 0.28       | Yes |
| 29-Jun-23 | 2.00PM  | 102.6 | 0.13       | 94.9       | 0.17       | Yes |
| 03-Jul-23 | 11.12AM | 99.5  | 0.21       | 98.1       | 0.19       | Yes |
| 06-Jul-23 | 3.32PM  | 97.4  | 0.13       | No trigger | No trigger | Yes |
| 10-Jul-23 | 1.15PM  | 108   | 0.13       | 104.9      | 0.28       | Yes |
| 12-Jul-23 | 11.13AM | 100.7 | 0.13       | No trigger | No trigger | Yes |
| 13-Jul-23 | 11.26AM | 102.2 | 0.13       | No trigger | No trigger | Yes |
| 19-Jul-23 | 2.35PM  | 104.9 | 0.25       | 96.9       | 0.23       | Yes |
| 20-Jul-23 | 1.40PM  | 105.2 | 0.19       | 96.2       | 0.17       | Yes |
| 24-Jul-23 | 2.33PM  | 90.6  | 0.13       | 94.3       | 0.19       | Yes |



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|           |         |            |            |            |            |     |
|-----------|---------|------------|------------|------------|------------|-----|
| 27-Jul-23 | 11.35AM | 103.5      | 0.24       | 95.9       | 0.29       | Yes |
| 28-Jul-23 | 11.35AM | 103.5      | 0.24       | 95.9       | 0.29       | Yes |
| 02-Aug-23 | 11.53AM | 102.2      | 0.27       | 99.2       | 0.19       | Yes |
| 03-Aug-23 | 12.04PM | 104.6      | 0.16       | 97.6       | 0.24       | Yes |
| 09-Aug-23 | 12.36PM | 97.4       | 0.13       | 93.2       | 0.2        | Yes |
| 10-Aug-23 | 4.12PM  | 110.1      | 0.19       | 107        | 0.3        | Yes |
| 14-Aug-23 | 3.09PM  | 101.2      | 0.22       | 94.8       | 0.15       | Yes |
| 16-Aug-23 | 12.40PM | 88.6       | 0.13       | 96.8       | 0.31       | Yes |
| 21-Aug-23 | 3.31PM  | 98.2       | 0.16       | 92.3       | 0.13       | Yes |
| 23-Aug-23 | 12.48PM | 103.5      | 0.3        | 101.5      | 0.28       | Yes |
| 24-Aug-23 | 12.48PM | 103.5      | 0.3        | 101.5      | 0.28       | Yes |
| 28-Aug-23 | 1.44PM  | 94.7       | 0.27       | 99.9       | 0.2        | Yes |
| 30-Aug-23 | 12.44PM | 103.5      | 0.24       | 103.1      | 0.21       | Yes |
| 31-Aug-23 | 12.35PM | 102.6      | 0.45       | 100.8      | 0.56       | Yes |
| 06-Sep-23 | 3.35PM  | 100.7      | 0.14       | No trigger | No trigger | Yes |
| 11-Sep-23 | 12.31PM | 90.6       | 0.28       | 99.2       | 0.39       | Yes |
| 13-Sep-23 | 11.17AM | 90.6       | 0.14       | No trigger | No trigger | Yes |
| 18-Sep-23 | 12.10PM | 0.06       | 0.15       | No trigger | No trigger | Yes |
| 20-Sep-23 | 12.26PM | 0.05       | 0.14       | No trigger | No trigger | Yes |
| 25-Sep-23 | 1.01PM  | 0.05       | 0.14       | 94.7       | 0.2        | Yes |
| 26-Sep-23 | 12.43PM | 0.05       | 0.14       | No trigger | No trigger | Yes |
| 27-Sep-23 | 12.43PM | 0.05       | 0.14       | No trigger | No trigger | Yes |
| 04-Oct-23 | 3.25PM  | 0.01       | 0.06       | No trigger | No trigger | Yes |
| 05-Oct-23 | 12.36PM | 97.4       | 0.09       | No trigger | No trigger | Yes |
| 09-Oct-23 | 1.54PM  | 90.6       | 0.12       | 92.1       | 0.16       | Yes |
| 11-Oct-23 | 12.53PM | 90.6       | 0.11       | No trigger | No trigger | Yes |
| 12-Oct-23 | 12.53PM | 90.6       | 0.11       | No trigger | No trigger | Yes |
| 16-Oct-23 | 2.26PM  | 111.1      | 0.05       | 94.2       | 0.13       | Yes |
| 18-Oct-23 | 01.16PM | 92.2       | 0.12       | NO TRIGGER | NO TRIGGER | Yes |
| 23-Oct-23 | 2.41PM  | 98.2       | 0.14       | 99.2       | 0.13       | Yes |
| 25-Oct-23 | 10.35AM | 113.9      | 0.16       | NO TRIGGER | NO TRIGGER | Yes |
| 30-Oct-23 | 1.31PM  | 120.1      | 0.18       | 107.6      | 0.17       | Yes |
| 01-Nov-23 | 11.54AM | 90.6       | 0.15       | NO TRIGGER | NO TRIGGER | Yes |
| 02-Nov-23 | 11.55AM | 90.6       | 0.17       | 96.2       | 0.23       | Yes |
| 06-Nov-23 | 2:40PM  | 90.6       | 0.06       | 93.5       | 0.14       | Yes |
| 08-Nov-23 | 1:59PM  | 90.6       | 0.06       | NO TRIGGER | NO TRIGGER | Yes |
| 13-Nov-23 | 2:08pm  | NO TRIGGER | NO TRIGGER | NO TRIGGER | NO TRIGGER | Yes |
| 15-Nov-23 | 2:06pm  | NO TRIGGER | NO TRIGGER | NO TRIGGER | NO TRIGGER | Yes |
| 16-Nov-23 | 1:30pm  | NO TRIGGER | NO TRIGGER | NO TRIGGER | NO TRIGGER | Yes |
| 20-Nov-23 | 4.35PM  | NO TRIGGER | NO TRIGGER | NO TRIGGER | NO TRIGGER | Yes |



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|           |         |            |            |            |            |     |
|-----------|---------|------------|------------|------------|------------|-----|
| 23-Nov-23 | 1.02PM  | NO TRIGGER | NO TRIGGER | NO TRIGGER | NO TRIGGER | Yes |
| 27-Nov-23 | 3.39pm  | NO TRIGGER | NO TRIGGER | NO TRIGGER | NO TRIGGER | Yes |
| 30-Nov-23 | 1.40PM  | 101.1      | 0.2        | NO TRIGGER | NO TRIGGER | Yes |
| 04-Dec-23 | 3:03pm  | NO TRIGGER | NO TRIGGER | NO TRIGGER | NO TRIGGER | Yes |
| 06-Dec-23 | 2:35pm  | 97.6       | 0.11       | NO TRIGGER | NO TRIGGER | Yes |
| 11-Dec-23 | 1:01pm  | 105.3      | 0.15       | NO TRIGGER | NO TRIGGER | Yes |
| 14-Dec-23 | 1.02pm  | 96         | 0.14       | NO TRIGGER | NO TRIGGER | Yes |
| 18-Dec-23 | 12:36pm | 91.6       | 0.1        | NO TRIGGER | NO TRIGGER | Yes |
| 20-Dec-23 | 3:38pm  | NO TRIGGER | NO TRIGGER | NO TRIGGER | NO TRIGGER | Yes |
| 21-Dec-23 | 12.32pm | 98.3       | 0.08       | NO TRIGGER | NO TRIGGER | Yes |
| 10-Jan-24 | 3:40pm  | 94.1       | 0.11       | 98.8       | 0.17       | Yes |
| 11-Jan-24 | 12:06pm | 101.1      | 0.14       | 97.7       | 0.14       | Yes |
| 15-Jan-24 | 12:12pm | 97.3       | 0.18       | 103.6      | 0.09       | Yes |
| 18-Jan-24 | 3.27pm  | 88.1       | 0.18       | 106.4      | 0.17       | Yes |
| 22-Jan-24 | 1:28pm  | NO TRIGGER | NO TRIGGER | 92.9       | 0.1        | Yes |
| 25-Jan-24 | 12:43pm | 88.1       | 0.9        | 90.1       | 0.15       | Yes |
| 01-Feb-24 | 1:00pm  | 101.6      | 0.15       | NO TRIGGER | NO TRIGGER | Yes |
| 07-Feb-24 | 1:15pm  | 108.9      | 0.19       | 103        | 0.2        | Yes |
| 08-Feb-24 | 11:20am | 100.6      | 0.17       | NO TRIGGER | NO TRIGGER | Yes |
| 09-Feb-24 | 11:20am | 100.6      | 0.17       | NO TRIGGER | NO TRIGGER | Yes |
| 12-Feb-24 | 2:52pm  | 102.1      | 0.16       | 96.3       | 0.17       | Yes |
| 15-Feb-24 | 12:51pm | 103.3      | 0.08       | NO TRIGGER | NO TRIGGER | Yes |
| 19-Feb-24 | 10.46am | 95.1       | 0.19       | 99.9       | 0.3        | Yes |
| 21-Feb-24 | 1.33pm  | 94.1       | 0.19       | 98.1       | 0.16       | Yes |
| 26-Feb-24 | 3.50pm  | 98.3       | 0.16       | 104.9      | 0.17       | Yes |
| 29-Feb-24 | 3.36pm  | 97.6       | 0.2        | 94.8       | 0.17       | Yes |
| 04-Mar-24 | 3.37pm  | 94.1       | 0.11       | NO TRIGGER | NO TRIGGER | Yes |
| 07-Mar-24 | 12.30pm | 102.1      | 0.12       | NO TRIGGER | NO TRIGGER | Yes |
| 13-Mar-24 | 10.41am | 102.5      | 0.15       | NO TRIGGER | NO TRIGGER | Yes |
| 14-Mar-24 | 12.30pm | 102.1      | 0.22       | 95.6       | 0.17       | Yes |
| 18-Mar-24 | 12.36pm | 100.1      | 0.22       | 95.5       | 0.22       | Yes |
| 20-Mar-24 | 3.35pm  | 0          | 0          | 0          | 0          | Yes |
| 25-Mar-24 | 1.35pm  | 99.6       | 0.21       | 91.4       | 0.19       | Yes |
| 28-Mar-24 | 3.26pm  | 96         | 0.19       | No trigger | No trigger | Yes |
| 03-Apr-24 | 12.56pm | 96         | 0.15       | 91.6       | 0.13       | Yes |
| 08-Apr-24 | 12.42pm | 95.1       | 0.08       | NO TRIGGER | NO TRIGGER | Yes |
| 10-Apr-24 | 3.28pm  | 103.3      | 0.13       | NO TRIGGER | NO TRIGGER | Yes |
| 11-Apr-24 | 3.28pm  | 103.3      | 0.13       | NO TRIGGER | NO TRIGGER | Yes |
| 15-Apr-24 | 1.04pm  | 90         | 0.09       | NO TRIGGER | NO TRIGGER | Yes |
| 17-Apr-24 | 3.35pm  | 90         | 0.08       | NO TRIGGER | NO TRIGGER | Yes |



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|           |         |        |      |            |            |     |
|-----------|---------|--------|------|------------|------------|-----|
| 22-Apr-24 | 1.07pm  | 88.1   | 0.09 | NO TRIGGER | NO TRIGGER | Yes |
| 24-Apr-24 | 3.35pm  | 88.1   | 0.9  | 102.3      | 0.14       | Yes |
| 01-May-24 | 3:32pm  | 88.1   | 0.08 | NO TRIGGER | NO TRIGGER | Yes |
| 02-May-24 | 3:30pm  | 99     | 0.09 | NO TRIGGER | NO TRIGGER | Yes |
| 06-May-24 | 01:13pm | 105    | 0.18 | 102.7      | 0.18       | Yes |
| 08-May-24 | 2.01pm  | 96.9   | 0.2  | 95.3       | 0.2        | Yes |
| 09-May-24 | 3.30pm  | 91.6   | 0.11 | NO TRIGGER | NO TRIGGER | Yes |
| 13-May-24 | 3.29pm  | 96     | 0.27 | 94.8       | 0.14       | Yes |
| 16-May-24 | 12.47pm | 100.6  | 0.15 | 97.8       | 0.17       | Yes |
| 20-May-24 | 1.42pm  | 103.3  | 0.09 | NO TRIGGER | NO TRIGGER | Yes |
| 22-May-24 | 3:05pm  | 96.9   | 0.16 | 97.9       | 0.13       | Yes |
| 23-May-24 | 3.32pm  | 102.5  | 0.13 | NO TRIGGER | NO TRIGGER | Yes |
| 27-May-24 | 3.33pm  | 88.1   | 0.06 | NO TRIGGER | NO TRIGGER | Yes |
| 30-May-24 | 12.42pm | 96     | 0.08 | NO TRIGGER | NO TRIGGER | Yes |
| 05-Jun-24 | 1:03pm  | 88     | 0.06 | NO TRIGGER | NO TRIGGER | Yes |
| 06-Jun-24 | 1:13pm  | 90     | 0.23 | NO TRIGGER | NO TRIGGER | Yes |
| 13-Jun-24 | 3.33pm  | 99.6   | 0.14 | 98.5       | 0.13       | Yes |
| 17-Jun-24 | 3.31pm  | 100.1  | 0.13 | 101        | 0.15       | Yes |
| 19-Jun-24 | 3.30pm  | 97.6   | 0.15 | 97.3       | 0.16       | Yes |
| 24-Jun-24 | 2.41pm  | 96     | 0.11 | NO TRIGGER | NO TRIGGER | Yes |
| 27-Jun-24 | 12.41pm | 110.7  | 0.1  | NO TRIGGER | NO TRIGGER | Yes |
| 28-Jun-24 | 10:04   | 112.2  | 0.08 | NO TRIGGER | NO TRIGGER | Yes |
| 01-Jul-24 | 3:32pm  | 102.5  | 0.26 | no trigger | no trigger | Yes |
| 04-Jul-24 | 1:07pm  | 100    | 0.23 | 97.8       | 0.25       | Yes |
| 08-Jul-24 | 2:18pm  | 82.5   | 0.08 | no trigger | no trigger | Yes |
| 11-Jul-24 | 12.34pm | 86.1   | 0.08 | 94.4       | 0.23       | Yes |
| 15-Jul-24 | 3.47pm  | 107.1  | 0.2  | 100.9      | 0.32       | Yes |
| 18-Jul-24 | 1:03pm  | 98.8   | 0.06 | no trigger | no trigger | Yes |
| 22-Jul-24 | 12.30pm | 97.3   | 0.06 | 104.6      | 0.19       | Yes |
| 25-Jul-24 | 12:42pm | 90.5   | 0.15 | no trigger | no trigger | Yes |
| 29-Jul-24 | 1.16pm  | 1.16pm | 99.4 | 0.18       | 98.4       | Yes |
| 01-Aug-24 | 12.32pm | 99.4   | 0.16 | No Trigger | No Trigger | Yes |
| 05-Aug-24 | 1.09pm  | 86.1   | 0.6  | 92.4       | 0.26       | Yes |
| 06-Aug-24 | 1.09pm  | 86.1   | 0.6  | 92.4       | 0.26       | Yes |
| 07-Aug-24 | 3.25pm  | 82.5   | 0.6  | 101.3      | 0.28       | Yes |
| 08-Aug-24 | 3.35pm  | 88.5   | 0.08 | No Trigger | No Trigger | Yes |
| 12-Aug-24 | 1:50pm  | 1:50pm | 82.5 | 0.06       | No Trigger | Yes |
| 14-Aug-24 | 3:39pm  | 98.8   | 0.23 | 100.5      | 0.13       | Yes |
| 15-Aug-24 | 12:28pm | 102.1  | 0.19 | 100.1      | 0.21       | Yes |
| 19-Aug-24 | 1:36pm  | 82.5   | 0.06 | No Trigger | No Trigger | Yes |



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|           |         |            |            |            |            |     |
|-----------|---------|------------|------------|------------|------------|-----|
| 22-Aug-24 | 3.30pm  | 97.3       | 0.08       | No Trigger | No Trigger | Yes |
| 26-Aug-24 | 1:40pm  | 103        | 0.06       | No Trigger | No Trigger | Yes |
| 28-Aug-24 | 1.25PM  | 98.1       | 0.28       | 103.5      | 0.24       | Yes |
| 02-Sep-24 | 3:35pm  | 118.7      | 0.09       | 117.9      | 0.17       | Yes |
| 04-Sep-24 | 3.40pm  | 94.4       | 0.06       | 95.6       | 0.14       | Yes |
| 05-Sep-24 | 12:33pm | 101.6      | 0.06       | No Trigger | No Trigger | Yes |
| 09-Sep-24 | 1.01pm  | 96.5       | 0.08       | 105.3      | 0.26       | Yes |
| 11-Sep-24 | 3:30pm  | 82.5       | 0.06       | No Trigger | No Trigger | Yes |
| 16-Sep-24 | 2:39pm  | 93.4       | 0.08       | 102.9      | 0.25       | Yes |
| 19-Sep-24 | 3:33pm  | 98.8       | 0.06       | 106.8      | 0.23       | Yes |
| 23-Sep-24 | 2:27pm  | 104.8      | 0.23       | 100.8      | 0.17       | Yes |
| 26-Sep-24 | 2:32pm  | 104.1      | 0.18       | 112.1      | 0.19       | Yes |
| 30-Sep-24 | 3:32pm  | -          | -          | No Trigger | No Trigger | Yes |
| 02-Oct-24 | 3:33pm  | -          | -          | No Trigger | No Trigger | Yes |
| 03-Oct-24 | 2:31pm  | -          | -          | No Trigger | No Trigger | Yes |
| 09-Oct-24 | 3:36pm  | No Trigger | No Trigger | 96.4       | 0.19       | Yes |
| 10-Oct-24 | 1:21pm  | No Trigger | No Trigger | 98.1       | 0.2        | Yes |
| 14-Oct-24 | 1:04pm  | No Trigger | No Trigger | 97.4       | 0.36       | Yes |
| 17-Oct-24 | 3:39pm  | No Trigger | No Trigger | 98.4       | 0.29       | Yes |
| 21-Oct-24 | 3:41pm  | No Trigger | No Trigger | No Trigger | No Trigger | Yes |
| 24-Oct-24 | 3:39pm  | 99.7       | 0.28       | 101.9      | 0.2        | Yes |
| 28-Oct-24 | 2:38pm  | 106.5      | 0.14       | No Trigger | No Trigger | Yes |
| 29-Oct-24 | 2:38pm  | 106.5      | 0.14       | No Trigger | No Trigger | Yes |
| 30-Oct-24 | 12:44pm | 97.4       | 0.1        | No Trigger | No Trigger | Yes |
| 31-Oct-24 | 1:31pm  | 103.1      | 0.08       | 96.9       | 0.18       | Yes |
| 4-Nov-24  | 12:48pm | 106.7      | 0.18       | 93.8       | 0.21       | Yes |
| 5-Nov-24  | 12:54pm | 105.4      | 0.09       | No Trigger | No Trigger | Yes |
| 7-Nov-24  | 1:05pm  | 98.8       | 0.14       | No Trigger | No Trigger | Yes |
| 11-Nov-24 | 2:17pm  | 97.4       | 0.21       | 94.6       | 0.13       | Yes |
| 13-Nov-24 | 12:38pm | 102.3      | 0.12       | No Trigger | No Trigger | Yes |
| 14-Nov-24 | 3:30pm  | 99.9       | 0.17       | 95.5       | 0.17       | Yes |
| 18-Nov-24 | 1:39pm  | 109.3      | 0.19       | No Trigger | No Trigger | Yes |
| 20-Nov-24 | 1:37pm  | 96.7       | 0.1        | No Trigger | No Trigger | Yes |
| 21-Nov-24 | 1:37pm  | 103.1      | 0.17       | No Trigger | No Trigger | Yes |
| 25-Nov-24 | 3:31pm  | 97.4       | 0.18       | 93.6       | 0.24       | Yes |
| 28-Nov-24 | 1:35pm  | 81.9       | 0.09       | 92.4       | 0.18       | Yes |
| 1-Dec-24  | 3:00pm  | 103.5      | 0.1        | 105        | 0.31       | Yes |
| 2-Dec-24  | 3:00pm  | 103.5      | 0.1        | 105        | 0.31       | Yes |
| 3-Dec-24  | 3:00pm  | 103.5      | 0.1        | 105        | 0.31       | Yes |
| 5-Dec-24  | 1:35pm  | 89.7       | 0.1        | No Trigger | No Trigger | Yes |



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|           |         |       |      |            |            |     |
|-----------|---------|-------|------|------------|------------|-----|
| 9-Dec-24  | 3:36pm  | 93.9  | 0.1  | No Trigger | No Trigger | Yes |
| 10-Dec-24 | 1:07pm  | 94.9  | 0.17 | No Trigger | No Trigger | Yes |
| 12-Dec-24 | 1:35pm  | 85.4  | 0.1  | No Trigger | No Trigger | Yes |
| 13-Dec-24 | 1:35pm  | 85.4  | 0.1  | No Trigger | No Trigger | Yes |
| 17-Dec-24 | 1:34pm  | 106.2 | 0.1  | No Trigger | No Trigger | Yes |
| 18-Dec-24 | 2:09pm  | 93.9  | 0.8  | No Trigger | No Trigger | Yes |
| 19-Dec-24 | 3:35pm  | 95.1  | 0.1  | No Trigger | No Trigger | Yes |
| 8-Jan-25  | 1:38pm  | 81.9  | 0.7  | 94.9       | 0.23       | Yes |
| 9-Jan-25  | 1:05pm  | 92.8  | 0.16 | No Trigger | No Trigger | Yes |
| 13-Jan-25 | 1:37pm  | 101.9 | 0.14 | No Trigger | No Trigger | Yes |
| 15-Jan-25 | 3:38pm  | 97.4  | 0.14 | No Trigger | No Trigger | Yes |
| 20-Jan-25 | 3:32pm  | 98.8  | 0.15 | No Trigger | No Trigger | Yes |
| 22-Jan-25 | 11:46pm | 96.7  | 0.12 | No Trigger | No Trigger | Yes |
| 23-Jan-25 | 1:09pm  | 107.2 | 0.11 | No Trigger | No Trigger | Yes |
| 28-Jan-25 | 3:53pm  | 91.4  | 0.13 | No Trigger | No Trigger | Yes |
| 30-Jan-25 | 12:43pm | 94.9  | 0.9  | No Trigger | No Trigger | Yes |
| 2-Feb-25  | 2:30pm  | 102.3 | 0.18 | 91.4       | 0.21       | Yes |
| 3-Feb-25  | 2:30pm  | 102.3 | 0.18 | 91.4       | 0.21       | Yes |
| 4-Feb-25  | 2:30pm  | 102.3 | 0.18 | 91.4       | 0.21       | Yes |
| 5-Feb-25  | 1:32pm  | 105.1 | 0.11 | No Trigger | No Trigger | Yes |
| 11-Feb-25 | 3:26pm  | 96.7  | 0.1  | No Trigger | No Trigger | Yes |
| 12-Feb-25 | 1:35pm  | 87.9  | 0.9  | No Trigger | No Trigger | Yes |
| 17-Feb-25 | 3:36pm  | 81.8  | 0.9  | 94.3       | 0.17       | Yes |
| 20-Feb-25 | 1:34pm  | 91.4  | 0.8  | 96.1       | 0.27       | Yes |
| 24-Feb-25 | 3:52pm  | 97.4  | 0.9  | No Trigger | No Trigger | Yes |
| 25-Feb-25 | 3:52pm  | 97.4  | 0.9  | No Trigger | No Trigger | Yes |
| 27-Feb-25 | 3:52pm  | 92.8  | 0.12 | No Trigger | No Trigger | Yes |
| 3-Mar-25  | 3:37pm  | 99.4  | 0.9  | 95.9       | 0.24       | Yes |
| 6-Mar-25  | 1:39pm  | 101.4 | 0.1  | 94.1       | 0.18       | Yes |
| 10-Mar-25 | 3:39pm  | 81.9  | 0.1  | No Trigger | No Trigger | Yes |
| 12-Mar-25 | 1:20pm  | 85.4  | 0.09 | 93.8       | 0.21       | Yes |
| 13-Mar-25 | 11:32am | 87.9  | 0.1  | No Trigger | No Trigger | Yes |
| 17-Mar-25 | 1:01pm  | 84.5  | 0.9  | No Trigger | No Trigger | Yes |
| 20-Mar-25 | 3:35pm  | 81.9  | 0.01 | No Trigger | No Trigger | Yes |
| 24-Mar-25 | 3:40pm  | 94.9  | 0.1  | No Trigger | No Trigger | Yes |
| 27-Mar-25 | 2:04pm  | 104.5 | 0.09 | No Trigger | No Trigger | Yes |
| 31-Mar-25 | 3:30pm  | 85.4  | 0.09 | 96.3       | 0.15       | Yes |
| 2-Apr-25  | 1:27pm  | 91.4  | 0.15 | No Trigger | No Trigger | Yes |
| 3-Apr-25  | 3:37pm  | 85.4  | 0.1  | 94.2       | 0.16       | Yes |
| 7-Apr-25  | 3:40pm  | 106.5 | 0.15 | No Trigger | No Trigger | Yes |



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|            |        |            |            |            |            |     |
|------------|--------|------------|------------|------------|------------|-----|
| 9-Apr-25   | 1:46pm | 102.3      | 0.17       | No Trigger | No Trigger | Yes |
| 10-Apr-25  | 1:46pm | 102.3      | 0.17       | No Trigger | No Trigger | Yes |
| 13-Apr-25  | 1:40pm | 106        | 0.15       | 93.5       | 0.18       | Yes |
| 14-Apr-25  | 1:40pm | 106        | 0.15       | 93.5       | 0.18       | Yes |
| 16-Apr-25  | 3:38pm | 102.7      | 0.15       | 94.8       | 0.2        | Yes |
| 17-Apr-25  | 3:38pm | 102.7      | 0.15       | 94.8       | 0.2        | Yes |
| 23-Apr-25  | 2:08pm | 108.9      | 0.12       | No Trigger | No Trigger | Yes |
| 24-Apr-25  | 2:08pm | 108.9      | 0.12       | No Trigger | No Trigger | Yes |
| 29-Apr-25  | 3:32pm | 85.4       | 0.13       | No Trigger | No Trigger | Yes |
| 30-Apr-25  | 1:05pm | 85.4       | 0.11       | No Trigger | No Trigger | Yes |
| 1-May-25   | 1:10pm | 106        | 0.15       | No Trigger | No Trigger | Yes |
| 5-May-25   | 4:04pm | 94.4       | 0.24       | 94.4       | 0.35       | Yes |
| 8-May-25   | 3:31pm | 103.1      | 0.11       | No Trigger | No Trigger | Yes |
| 12-May-25  | 2:19pm | 105.1      | 0.18       | No Trigger | No Trigger | Yes |
| 15-May-25  | 3:31pm | 85.4       | 0.08       | No Trigger | No Trigger | Yes |
| 19-May-25  | 1:33pm | 97.4       | 0.07       | No Trigger | No Trigger | Yes |
| 22-May-25  | 3:33pm | 94.9       | 0.24       | No Trigger | No Trigger | Yes |
| 26-May-25  | 1:17pm | 81.9       | 0.19       | No Trigger | No Trigger | Yes |
| 28-May-25  | 3:31pm | 102.7      | 0.08       | No Trigger | No Trigger | Yes |
| 2-Jun-25   | 1:32pm | 98.8       | 0.9        | No Trigger | No Trigger | Yes |
| 5-Jun-25   | 4:12pm | 81.9       | 0.06       | No Trigger | No Trigger | Yes |
| 12-Jun-25  | 1:10pm | 91.4       | 0.06       | No Trigger | No Trigger | Yes |
| 16-Jun-25  | 1:03pm | 91.4       | 0.15       | No Trigger | No Trigger | Yes |
| 19-Jun-25  | 4:30pm | 101.9      | 0.18       | No Trigger | No Trigger | Yes |
| 23-Jun-25  | 3:18pm | 94.4       | 0.7        | No Trigger | No Trigger | Yes |
| 26-Jun-25  | 1:16pm | 98.1       | 0.19       | No Trigger | No Trigger | Yes |
| 9-July-25  | 1:07pm | 103.1      | 0.15       | No Trigger | No Trigger | Yes |
| 10-July-25 | 3:08pm | 110.2      | 0.28       | No Trigger | No Trigger | Yes |
| 14-July-25 | 2:01pm | 101.9      | 0.06       | No Trigger | No Trigger | Yes |
| 16-July-25 | 3:38pm | 97.4       | 0.1        | No Trigger | No Trigger | Yes |
| 17-July-25 | 4:20pm | 103.5      | 0.2        | 108.3      | 0.4        | Yes |
| 23-July-25 | 3:41pm | 101        | 0.15       | No Trigger | No Trigger | Yes |
| 24-July-25 | 3:09pm | 106.2      | 0.07       | No Trigger | No Trigger | Yes |
| 31-July-25 | 1:40pm | 103.6      | 0.15       | No Trigger | No Trigger | Yes |
| 4-Aug-25   | 2:01pm | 106.7      | 0.14       | No Trigger | No Trigger | Yes |
| 7-Aug-25   | 3:38pm | 81.9       | 0.18       | No Trigger | No Trigger | Yes |
| 13-Aug-25  | 2:10pm | 93.9       | 0.18       | No Trigger | No Trigger | Yes |
| 18-Aug-25  | 2:38pm | No Trigger | No Trigger | No Trigger | No Trigger | Yes |
| 21-Aug-25  | 3:41pm | No Trigger | No Trigger | No Trigger | No Trigger | Yes |
| 27-Aug-25  | 2:05pm | No Trigger | No Trigger | No Trigger | No Trigger | Yes |



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|           |         |            |            |            |            |     |
|-----------|---------|------------|------------|------------|------------|-----|
| 28-Aug-25 | 2:11pm  | No Trigger | No Trigger | No Trigger | No Trigger | Yes |
| 1-Sep-25  | 1:09pm  | No Trigger | No Trigger | No Trigger | No Trigger | Yes |
| 4-Sep-25  | 3:02pm  | No Trigger | No Trigger | No Trigger | No Trigger | Yes |
| 8-Sep-25  | 2:59pm  | No Trigger | No Trigger | No Trigger | No Trigger | Yes |
| 15-Sep-25 | 2:14pm  | No Trigger | No Trigger | No Trigger | No Trigger | Yes |
| 17-Sep-25 | 2:10pm  | No Trigger | No Trigger | No Trigger | No Trigger | Yes |
| 18-Sep-25 | 2:12pm  | No Trigger | No Trigger | No Trigger | No Trigger | Yes |
| 24-Sep-25 | 2:18pm  | No Trigger | No Trigger | No Trigger | No Trigger | Yes |
| 25-Sep-25 | 2:15pm  | No Trigger | No Trigger | No Trigger | No Trigger | Yes |
| 29-Sep-25 | 2:09pm  | No Trigger | No Trigger | No Trigger | No Trigger | Yes |
| 2-Oct-25  | 2:21pm  | No Trigger | No Trigger | No Trigger | No Trigger | Yes |
| 3-Oct-25  | 2:21pm  | No Trigger | No Trigger | No Trigger | No Trigger | Yes |
| 8-Oct-25  | 2:02pm  | No Trigger | No Trigger | No Trigger | No Trigger | Yes |
| 13-Oct-25 | 2:24pm  | No Trigger | No Trigger | No Trigger | No Trigger | Yes |
| 16-Oct-25 | 2:10pm  | No Trigger | No Trigger | No Trigger | No Trigger | Yes |
| 20-Oct-25 | 2:44pm  | No Trigger | No Trigger | No Trigger | No Trigger | Yes |
| 23-Oct-25 | 2:02pm  | No Trigger | No Trigger | No Trigger | No Trigger | Yes |
| 29-Oct-25 | 2:05pm  | No Trigger | No Trigger | No Trigger | No Trigger | Yes |
| 5-Nov-25  | 4:07pm  | 96.4       | 0.36       | 94.2       | 0.29       | Yes |
| 6-Nov-25  | 2:11pm  | No Trigger | No Trigger | No Trigger | No Trigger | Yes |
| 10-Nov-25 | 12:35pm | No Trigger | No Trigger | No Trigger | No Trigger | Yes |
| 13-Nov-25 | 2:11pm  | 88.7       | 0.31       | No trigger | No trigger | Yes |
| 19-Nov-25 | 2:41pm  | 98.1       | 0.21       | No trigger | No trigger | Yes |
| 20-Nov-25 | 1:59pm  | No trigger | No trigger | No trigger | No trigger | Yes |
| 26-Nov-25 | 3:04pm  | No trigger | No trigger | No trigger | No trigger | Yes |
| 27-Nov-25 | 1:01pm  | No trigger | No trigger | No trigger | No trigger | Yes |
| 1-Dec-25  | 3:16pm  | 88.2       | 0.28       | No trigger | No trigger | Yes |
| 4-Dec-25  | 2:34pm  | No trigger | No trigger | No trigger | No trigger | Yes |
| 8-Dec-25  | 3:38pm  | No trigger | No trigger | No trigger | No trigger | Yes |
| 10-Dec-25 | 12:36pm | No trigger | No trigger | No trigger | No trigger | Yes |
| 15-Dec-25 | 2:10pm  | No trigger | No trigger | No trigger | No trigger | Yes |
| 18-Dec-25 | 2:04pm  | No trigger | No trigger | No trigger | No trigger | Yes |
| 22-Dec-25 | 2:30pm  | No trigger | No trigger | 100.2      | 0.22       | Yes |
| 7-Jan-26  | 2:27pm  | 99.7       | 0.24       | 103.7      | 0.23       | Yes |
| 8-Jan-26  | 2:04pm  | No trigger | No trigger | No trigger | No trigger | Yes |
| 14-Jan-26 | 2:13pm  | No trigger | No trigger | No trigger | No trigger | Yes |
| 15-Jan-26 | 11:58pm | 0.26       | 93.9       | No trigger | No trigger | Yes |
| 19-Jan-26 | 2:39pm  | No trigger | No trigger | No trigger | No trigger | Yes |
| 22-Jan-26 | 2:04pm  | 0.2        | 95.7       | No trigger | No trigger | Yes |



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\*30th September 24, 2nd October 24 and 3rd October 24 the substation blast monitor was damaged but still recording, on these dates the readings were taken but aren't accurate.

\*\* From 18 Aug a new vibration and overpressure unit was installed with the geophone trigger set at 0.20mm/s. For accuracy, the trigger is set off the ground vibration, once above 0.20 the overpressure records as the microphone trigger can cause issues during windy period (constant triggering).

#### 4 Water monitoring: North Pit Bore

Current Licence requirements cover quarterly monitoring of groundwater quality in the North Pit Bore until March 2020 and Then WM05 Bore, (both bores were/are now EPA Identification No. 13).

**Licence limits:** Not specified.

The NSW State guidelines: Typical discharge limits are as follows:

Oil and Grease: 10 milligrams per litre

Total Suspended Solids: 30-50 milligrams per litre.

| Sampling date  | Report received on | Report published on | Oil and Grease (mg/L) | Total Suspended Solids (mg/L) |
|--|--------------------|---------------------|-----------------------|-------------------------------|
| 12/03/19   | 29/03/19           |                     | <1                    | 4                             |
| 26/06/19   | 04/09/19           | 04/09/19            | <5                    | 21                            |
| 23/10/19   | 12/11/19           | 04/11/19            | <5                    | 54                            |
| 17/12/19   | 7/2/20             | 14/1/20             | <5                    | 28                            |
| 24/3/20  | 7/4/20             | 7/4/20              | <5                    | 5                             |
| Note: North Pit Bore is no longer operational as of the 24/3/2020. Replaced in EPL by Ground Water Monitoring Point labelled "WM05" on map "EPL 944 Ground Water Monitoring Point Location Change – December 2020" (DOC20/1014984) |                    |                     |                       |                               |
| 29/9/20  | 8/10/20            | 8/10/20             | <5                    | <5                            |
| 9/12/20  | 18/12/20           | 18/12/20            | <5                    | 11                            |
| 31/3/21  | 22/6/21            | 9/04/21             | <5                    | <5                            |
| 15/6/21  | 5/7/21             | 5/7/21              | <5                    | 14                            |
| 30/9/21  | 11/10/21           | 11/10/21            | <5                    | 11                            |
| 13/12/21   | 10/1/22            | 23/12/21            | <5                    | 15                            |
| 24/3/22  | 1/6/22             | 31/3/22             | <5                    | 11                            |
| 8/6/22   | 26/7/22            | 20/6/22             | <5                    | 14                            |
| 13/09/22   | 26/09/22           | 26/09/22            | <5                    | 18                            |
| 21/12/22   | 06/01/23           | 11/1/23             | 5                     | 48                            |
| 29/03/23   | 29/3/23            | 09/04/23            | <5                    | 10                            |
| 21/06/23   | 22/6/23            | 07/07/23            | <5                    | 10                            |
| 6/09/23  | 15/09/23           | 04/09/23            | <5                    | 23                            |



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|          |          |          |    |     |
|----------|----------|----------|----|-----|
| 4/12/23  | 18/12/23 | 18/12/23 | <5 | 26  |
| 25/03/24 | 10/04/24 | 10/04/24 | <5 | 40  |
| 19/06/24 | 28/06/24 | 01/08/24 | <5 | 37  |
| 25/11/24 | 04/12/24 | 01/01/24 | <5 | 16  |
| 17/12/24 | 06/01/25 | 01/02/25 | <5 | 102 |
| 11/3/25  | 20/03/25 | 02/04/25 | <5 | 54  |
| 18/6/25  | 04/07/25 | 31/01/25 | <5 | 41  |
| 18/9/25  | 18/09/25 | 31/01/25 | <5 | 35  |
| 25/12/25 | 18/09/25 | 31/01/25 | <5 | 54  |

**Compliance Summary:** The plant does not have Licence limits for water parameters. It is however compliant with the adopted NSW guideline values.

## 5 Noise monitoring

Quarterly noise monitoring is conducted as per condition L4 of EPL 944.

Date Sampled: 28/03/23

Date Received: 29/05/23

Meteorological Conditions: Wind speeds up to 6.5m/s at 10m above ground level representative of noise enhancing meteorological conditions

| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level Contribution</i> | <i>Operational Criteria (dB(A))</i> | <i>Compliant</i> |
|-----------------|-------------|--------------------------------------|-------------------------------------|------------------|
| <b>EPL ID</b>   |             | <b>LAeq, 15 minute (dB(A))</b>       | <b>Daytime</b>                      |                  |
| R6              | 28/03/23    | <35                                  | 40                                  | yes              |
| R8              | 28/03/23    | <35                                  | 40                                  | yes              |
| R9              | 28/03/23    | <35                                  | 40                                  | yes              |
| R12             | 28/03/23    | <35                                  | 40                                  | yes              |
| R17             | 28/03/23    | <35                                  | 40                                  | yes              |
| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level Contribution</i> | <i>Operational Criteria (dB(A))</i> | <i>Compliant</i> |
| <b>EPL ID</b>   |             | <b>LAeq, 15 minute (dB(A))</b>       | <b>Evening</b>                      |                  |
| R6              | 28/03/23    | <35                                  | 35                                  | yes              |
| R8              | 28/03/23    | <35                                  | 35                                  | yes              |
| R9              | 28/03/23    | <35                                  | 36                                  | yes              |
| R12             | 28/03/23    | 31                                   | 35                                  | yes              |
| R17             | 28/03/23    | <35                                  | 35                                  | yes              |
| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level Contribution</i> | <i>Operational Criteria (dB(A))</i> | <i>Compliant</i> |
| <b>EPL ID</b>   |             | <b>LAeq, 15 minute (dB(A))</b>       | <b>Night</b>                        |                  |
| R6              | 28/03/23    | <35                                  | 35                                  | yes              |



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|                 |             |                                      |                                     |                  |
|-----------------|-------------|--------------------------------------|-------------------------------------|------------------|
| R8              | 28/03/23    | <35                                  | 35                                  | yes              |
| R9              | 28/03/23    | <35                                  | 36                                  | yes              |
| R12             | 28/03/23    | 30                                   | 35                                  | yes              |
| R17             | 28/03/23    | <35                                  | 35                                  | yes              |
| <b>Receiver</b> | <b>Date</b> | <b>Site Noise Level Contribution</b> | <b>Operational Criteria (dB(A))</b> | <b>Compliant</b> |
| <b>EPL ID</b>   |             | <b>LAeq, 1 minute (dB(A))</b>        | <b>Night</b>                        |                  |
| R6              | 28/03/23    | <45                                  | 52                                  | yes              |
| R8              | 28/03/23    | <52                                  | 52                                  | yes              |
| R9              | 28/03/23    | <52                                  | 52                                  | yes              |
| R12             | 28/03/23    | <45                                  | 52                                  | yes              |
| R17             | 28/03/23    | <45                                  | 52                                  | yes              |

Date Sampled: 07/06/23

Date Received: 30/06/23

Meteorological Conditions: Wind speeds up to 6.2m/s at 10m above ground level representative of noise enhancing meteorological conditions

|                 |             |                                      |                                     |                  |
|-----------------|-------------|--------------------------------------|-------------------------------------|------------------|
| <b>Receiver</b> | <b>Date</b> | <b>Site Noise Level Contribution</b> | <b>Operational Criteria (dB(A))</b> | <b>Compliant</b> |
| <b>EPL ID</b>   |             | <b>LAeq, 15 minute (dB(A))</b>       | <b>Daytime</b>                      |                  |
| R6              | 07/06/23    | <35                                  | 40                                  | yes              |
| R8              | 07/06/23    | <35                                  | 40                                  | yes              |
| R9              | 07/06/23    | <35                                  | 40                                  | yes              |
| R12             | 07/06/23    | <35                                  | 40                                  | yes              |
| R17             | 07/06/23    | <30                                  | 40                                  | yes              |
| <b>Receiver</b> | <b>Date</b> | <b>Site Noise Level Contribution</b> | <b>Operational Criteria (dB(A))</b> | <b>Compliant</b> |
| <b>EPL ID</b>   |             | <b>LAeq, 15 minute (dB(A))</b>       | <b>Evening</b>                      |                  |
| R6              | 07/06/23    | <35                                  | 35                                  | yes              |
| R8              | 07/06/23    | <35                                  | 35                                  | yes              |
| R9              | 07/06/23    | <35                                  | 36                                  | yes              |
| R12             | 07/06/23    | <30                                  | 35                                  | yes              |
| R17             | 07/06/23    | <30                                  | 35                                  | yes              |
| <b>Receiver</b> | <b>Date</b> | <b>Site Noise Level Contribution</b> | <b>Operational Criteria (dB(A))</b> | <b>Compliant</b> |
| <b>EPL ID</b>   |             | <b>LAeq, 15 minute (dB(A))</b>       | <b>Night</b>                        |                  |
| R6              | 07/06/23    | <35                                  | 35                                  | yes              |
| R8              | 07/06/23    | <35                                  | 35                                  | yes              |
| R9              | 07/06/23    | <35                                  | 36                                  | yes              |
| R12             | 07/06/23    | <35                                  | 35                                  | yes              |
| R17             | 07/06/23    | <30                                  | 35                                  | yes              |



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| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level Contribution</i> | <i>Operational Criteria (dB(A))</i> | <i>Compliant</i> |
|-----------------|-------------|--------------------------------------|-------------------------------------|------------------|
| <b>EPL ID</b>   |             | <b>LAeq, 1 minute (dB(A))</b>        | <b>Night</b>                        |                  |
| R6              | 07/06/23    | <52                                  | 52                                  | yes              |
| R8              | 07/06/23    | <52                                  | 52                                  | yes              |
| R9              | 07/06/23    | <52                                  | 52                                  | yes              |
| R12             | 07/06/23    | <52                                  | 52                                  | yes              |
| R17             | 07/06/23    | <52                                  | 52                                  | yes              |

Date Sampled: 27/09/23-28/09/23

Date Received: 25/10/23

Meteorological Conditions: Wind speeds up to 3.2m/s at 10m above ground level representative of noise enhancing meteorological conditions

| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level Contribution</i> | <i>Operational Criteria (dB(A))</i> | <i>Compliant</i> |
|-----------------|-------------|--------------------------------------|-------------------------------------|------------------|
| <b>EPL ID</b>   |             | <b>LAeq, 15 minute (dB(A))</b>       | <b>Daytime</b>                      |                  |
| R6              | 27/09/23    | <40                                  | 40                                  | yes              |
| R8              | 27/09/23    | <40                                  | 40                                  | yes              |
| R9              | 27/09/23    | <40                                  | 40                                  | yes              |
| R12             | 27/09/23    | <40                                  | 40                                  | yes              |
| R17             | 27/09/23    | <40                                  | 40                                  | yes              |
| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level Contribution</i> | <i>Operational Criteria (dB(A))</i> | <i>Compliant</i> |
| <b>EPL ID</b>   |             | <b>LAeq, 15 minute (dB(A))</b>       | <b>Evening</b>                      |                  |
| R6              | 27/09/23    | <35                                  | 35                                  | yes              |
| R8              | 27/09/23    | <35                                  | 35                                  | yes              |
| R9              | 27/09/23    | <36                                  | 36                                  | yes              |
| R12             | 27/09/23    | <35                                  | 35                                  | yes              |
| R17             | 27/09/23    | <35                                  | 35                                  | yes              |
| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level Contribution</i> | <i>Operational Criteria (dB(A))</i> | <i>Compliant</i> |
| <b>EPL ID</b>   |             | <b>LAeq, 15 minute (dB(A))</b>       | <b>Night</b>                        |                  |
| R6              | 28/09/23    | <35                                  | 35                                  | yes              |
| R8              | 27/09/23    | <35                                  | 35                                  | yes              |
| R9              | 27/09/23    | <36                                  | 36                                  | yes              |
| R12             | 28/09/23    | <35                                  | 35                                  | yes              |
| R17             | 27/09/23    | <35                                  | 35                                  | yes              |
| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level Contribution</i> | <i>Operational Criteria (dB(A))</i> | <i>Compliant</i> |
| <b>EPL ID</b>   |             | <b>LAeq, 1 minute (dB(A))</b>        | <b>Night</b>                        |                  |
| R6              | 28/09/23    | <52                                  | 52                                  | yes              |



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|     |          |     |    |     |
|-----|----------|-----|----|-----|
| R8  | 27/09/23 | <52 | 52 | yes |
| R9  | 27/09/23 | <52 | 52 | yes |
| R12 | 28/09/23 | <52 | 52 | yes |
| R17 | 27/09/23 | <52 | 52 | yes |

Date Sampled: 12/12/23-13/12/23

Date Received: 21/12/23

Meteorological Conditions: Wind speeds up to 4.3 m/s at 10m above ground level representative of noise enhancing meteorological conditions.

| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level Contribution</i> | <i>Operational Criteria (dB(A))</i> | <i>Compliant</i> |
|-----------------|-------------|--------------------------------------|-------------------------------------|------------------|
| <b>EPL ID</b>   |             | <b>LAeq, 15 minute (dB(A))</b>       | <b>Daytime</b>                      |                  |
| R6              | 12/12/23    | <40                                  | 40                                  | yes              |
| R8              | 12/12/23    | <40                                  | 40                                  | yes              |
| R9              | 12/12/23    | <40                                  | 40                                  | yes              |
| R12             | 12/12/23    | <40                                  | 40                                  | yes              |
| R17             | 12/12/23    | <40                                  | 40                                  | yes              |
| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level Contribution</i> | <i>Operational Criteria (dB(A))</i> | <i>Compliant</i> |
| <b>EPL ID</b>   |             | <b>LAeq, 15 minute (dB(A))</b>       | <b>Evening</b>                      |                  |
| R6              | 12/12/23    | <35                                  | 35                                  | yes              |
| R8              | 12/12/23    | <35                                  | 35                                  | yes              |
| R9              | 12/12/23    | <36                                  | 36                                  | yes              |
| R12             | 12/12/23    | <35                                  | 35                                  | yes              |
| R17             | 12/12/23    | <35                                  | 35                                  | yes              |
| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level Contribution</i> | <i>Operational Criteria (dB(A))</i> | <i>Compliant</i> |
| <b>EPL ID</b>   |             | <b>LAeq, 15 minute (dB(A))</b>       | <b>Night</b>                        |                  |
| R6              | 13/12/23    | <35                                  | 35                                  | yes              |
| R8              | 13/12/23    | <35                                  | 35                                  | yes              |
| R9              | 13/12/23    | <36                                  | 36                                  | yes              |
| R12             | 13/12/23    | <35                                  | 35                                  | yes              |
| R17             | 13/12/23    | <35                                  | 35                                  | yes              |
| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level Contribution</i> | <i>Operational Criteria (dB(A))</i> | <i>Compliant</i> |
| <b>EPL ID</b>   |             | <b>LAeq, 1 minute (dB(A))</b>        | <b>Night</b>                        |                  |
| R6              | 13/12/23    | <52                                  | 52                                  | yes              |
| R8              | 13/12/23    | <52                                  | 52                                  | yes              |
| R9              | 13/12/23    | <52                                  | 52                                  | yes              |
| R12             | 13/12/23    | <52                                  | 52                                  | yes              |
| R17             | 13/12/23    | <52                                  | 52                                  | yes              |



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Date Sampled: 06/03/24

Date Received: 28/03/24

Meteorological Conditions: Wind speeds up to 5.2 m/s at 10m above ground level representative of noise enhancing meteorological conditions

| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level Contribution</i> | <i>Operational Criteria (dB(A))</i> | <i>Compliant</i> |
|-----------------|-------------|--------------------------------------|-------------------------------------|------------------|
| <b>EPL ID</b>   |             | <b>LAeq, 15 minute (dB(A))</b>       | <b>Daytime</b>                      |                  |
| R6              | 06/03/24    | <40                                  | 40                                  | yes              |
| R8              | 06/03/24    | <40                                  | 45                                  | yes              |
| R9              | 06/03/24    | <40                                  | 45                                  | yes              |
| R12             | 06/03/24    | <40                                  | 40                                  | yes              |
| R17             | 06/03/24    | <40                                  | 40                                  | yes              |
| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level Contribution</i> | <i>Operational Criteria (dB(A))</i> | <i>Compliant</i> |
| <b>EPL ID</b>   |             | <b>LAeq, 15 minute (dB(A))</b>       | <b>Evening</b>                      |                  |
| R6              | 06/03/24    | <35                                  | 35                                  | yes              |
| R8              | 06/03/24    | <35                                  | 35                                  | yes              |
| R9              | 06/03/24    | <36                                  | 36                                  | yes              |
| R12             | 06/03/24    | <35                                  | 35                                  | yes              |
| R17             | 06/03/24    | <35                                  | 35                                  | yes              |
| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level Contribution</i> | <i>Operational Criteria (dB(A))</i> | <i>Compliant</i> |
| <b>EPL ID</b>   |             | <b>LAeq, 15 minute (dB(A))</b>       | <b>Night</b>                        |                  |
| R6              | 06/03/24    | <35                                  | 40                                  | yes              |
| R8              | 06/03/24    | <35                                  | 40                                  | yes              |
| R9              | 06/03/24    | <36                                  | 41                                  | yes              |
| R12             | 06/03/24    | <35                                  | 40                                  | yes              |
| R17             | 06/03/24    | <35                                  | 40                                  | yes              |
| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level Contribution</i> | <i>Operational Criteria (dB(A))</i> | <i>Compliant</i> |
| <b>EPL ID</b>   |             | <b>LAeq, 1 minute (dB(A))</b>        | <b>Night</b>                        |                  |
| R6              | 06/03/24    | <52                                  | 57                                  | yes              |
| R8              | 06/03/24    | <52                                  | 57                                  | yes              |
| R9              | 06/03/24    | <52                                  | 57                                  | yes              |
| R12             | 06/03/24    | <52                                  | 57                                  | yes              |
| R17             | 06/03/24    | <52                                  | 57                                  | yes              |

Date Sampled: 03/07/24 - 04/07/24

Date Received: 27/08/24



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Meteorological Conditions: Wind speeds up to 4.2 m/s at 10m above ground level representative of noise enhancing meteorological conditions

| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level Contribution</i> | <i>Operational Criteria (dB(A))</i> | <i>Compliant</i> |
|-----------------|-------------|--------------------------------------|-------------------------------------|------------------|
| <b>EPL ID</b>   |             | <b>LAeq, 15 minute (dB(A))</b>       | <b>Daytime</b>                      |                  |
| R6              | 04/07/24    | <40                                  | 40                                  | yes              |
| R8              | 04/07/24    | <40                                  | 40                                  | yes              |
| R9              | 04/07/24    | <40                                  | 40                                  | yes              |
| R12             | 04/07/24    | <40                                  | 45                                  | yes              |
| R17             | 04/07/24    | <40                                  | 45                                  | yes              |
| <b>Receiver</b> | <b>Date</b> | <b>Site Noise Level Contribution</b> | <b>Operational Criteria (dB(A))</b> | <b>Compliant</b> |
| <b>EPL ID</b>   |             | <b>LAeq, 15 minute (dB(A))</b>       | <b>Evening</b>                      |                  |
| R6              | 03/07/24    | <35                                  | 35                                  | yes              |
| R8              | 03/07/24    | <35                                  | 35                                  | yes              |
| R9              | 03/07/24    | <36                                  | 36                                  | yes              |
| R12             | 03/07/24    | <35                                  | 35                                  | yes              |
| R17             | 03/07/24    | <35                                  | 35                                  | yes              |
| <b>Receiver</b> | <b>Date</b> | <b>Site Noise Level Contribution</b> | <b>Operational Criteria (dB(A))</b> | <b>Compliant</b> |
| <b>EPL ID</b>   |             | <b>LAeq, 15 minute (dB(A))</b>       | <b>Night</b>                        |                  |
| R6              | 03/07/24    | <35                                  | 35                                  | yes              |
| R8              | 03/07/24    | <35                                  | 35                                  | yes              |
| R9              | 03/07/24    | <36                                  | 36                                  | yes              |
| R12             | 04/07/24    | <40                                  | 40                                  | yes              |
| R17             | 03/07/24    | <35                                  | 35                                  | yes              |
| <b>Receiver</b> | <b>Date</b> | <b>Site Noise Level Contribution</b> | <b>Operational Criteria (dB(A))</b> | <b>Compliant</b> |
| <b>EPL ID</b>   |             | <b>LAeq, 1 minute (dB(A))</b>        | <b>Night</b>                        |                  |
| R6              | 03/07/24    | <52                                  | 52                                  | yes              |
| R8              | 03/07/24    | <52                                  | 52                                  | yes              |
| R9              | 03/07/24    | <52                                  | 52                                  | yes              |
| R12             | 04/07/24    | <52                                  | 57                                  | yes              |
| R17             | 03/07/24    | <52                                  | 52                                  | yes              |

Date Sampled: 03/10/24

Date Received: 28/10/24

Meteorological Conditions: Wind speeds up to 3.1 m/s at 10m above ground level representative of noise enhancing meteorological conditions

| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level Contribution</i> | <i>Operational Criteria (dB(A))</i> | <i>Compliant</i> |
|-----------------|-------------|--------------------------------------|-------------------------------------|------------------|
|-----------------|-------------|--------------------------------------|-------------------------------------|------------------|



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| EPL ID   |          | LAeq, 15 minute (dB(A))       | Daytime                      |           |
|----------|----------|-------------------------------|------------------------------|-----------|
| R6       | 03/10/24 | <40                           | 40                           | yes       |
| R8       | 03/10/24 | <40                           | 45                           | yes       |
| R9       | 03/10/24 | <40                           | 45                           | yes       |
| R12      | 03/10/24 | <40                           | 40                           | yes       |
| R17      | 03/10/24 | <40                           | 40                           | yes       |
| Receiver | Date     | Site Noise Level Contribution | Operational Criteria (dB(A)) | Compliant |
| EPL ID   |          | LAeq, 15 minute (dB(A))       | Evening                      |           |
| R6       | 02/10/24 | <35                           | 35                           | yes       |
| R8       | 02/10/24 | <35                           | 35                           | yes       |
| R9       | 02/10/24 | <36                           | 36                           | yes       |
| R12      | 02/10/24 | <35                           | 35                           | yes       |
| R17      | 02/10/24 | <35                           | 35                           | yes       |
| Receiver | Date     | Site Noise Level Contribution | Operational Criteria (dB(A)) | Compliant |
| EPL ID   |          | LAeq, 15 minute (dB(A))       | Night                        |           |
| R6       | 02/10/24 | <35                           | 40                           | yes       |
| R8       | 02/10/24 | <35                           | 40                           | yes       |
| R9       | 02/10/24 | <36                           | 41                           | yes       |
| R12      | 02/10/24 | <35                           | 40                           | yes       |
| R17      | 02/10/24 | <35                           | 40                           | yes       |
| Receiver | Date     | Site Noise Level Contribution | Operational Criteria (dB(A)) | Compliant |
| EPL ID   |          | LAeq, 1 minute (dB(A))        | Night                        |           |
| R6       | 02/10/24 | <52                           | 57                           | yes       |
| R8       | 02/10/24 | <52                           | 57                           | yes       |
| R9       | 02/10/24 | <52                           | 57                           | yes       |
| R12      | 06/03/24 | <52                           | 57                           | yes       |
| R17      | 02/10/24 | <52                           | 57                           | yes       |

Date Sampled: 10/12/24

Date Received: 20/12/24

Meteorological Conditions: Wind speeds up to 5.0 m/s at 10m above ground level representative of noise enhancing meteorological conditions

| Receiver | Date     | Site Noise Level Contribution | Operational Criteria (dB(A)) | Compliant |
|----------|----------|-------------------------------|------------------------------|-----------|
| EPL ID   |          | LAeq, 15 minute (dB(A))       | Daytime                      |           |
| R6       | 11/12/24 | <40                           | 40                           | yes       |



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|                 |             |                                      |                                     |                  |
|-----------------|-------------|--------------------------------------|-------------------------------------|------------------|
| R8              | 11/12/24    | <40                                  | 45                                  | yes              |
| R9              | 11/12/24    | <40                                  | 45                                  | yes              |
| R12             | 11/12/24    | <40                                  | 40                                  | yes              |
| R17             | 11/12/24    | <40                                  | 40                                  | yes              |
| <b>Receiver</b> | <b>Date</b> | <b>Site Noise Level Contribution</b> | <b>Operational Criteria (dB(A))</b> | <b>Compliant</b> |
| <b>EPL ID</b>   |             | <b>LAeq, 15 minute (dB(A))</b>       | <b>Evening</b>                      |                  |
| R6              | 10/12/24    | <35                                  | 35                                  | yes              |
| R8              | 10/12/24    | <35                                  | 35                                  | yes              |
| R9              | 10/12/24    | <36                                  | 36                                  | yes              |
| R12             | 10/12/24    | <35                                  | 35                                  | yes              |
| R17             | 10/12/24    | <35                                  | 35                                  | yes              |
| <b>Receiver</b> | <b>Date</b> | <b>Site Noise Level Contribution</b> | <b>Operational Criteria (dB(A))</b> | <b>Compliant</b> |
| <b>EPL ID</b>   |             | <b>LAeq, 15 minute (dB(A))</b>       | <b>Night</b>                        |                  |
| R6              | 10/12/24    | <35                                  | 40                                  | yes              |
| R8              | 10/12/24    | <35                                  | 40                                  | yes              |
| R9              | 10/12/24    | <36                                  | 41                                  | yes              |
| R12             | 10/12/24    | <35                                  | 40                                  | yes              |
| R17             | 10/12/24    | <35                                  | 40                                  | yes              |

Date Sampled: 15/04/25

Date Received: 07/05/25

Meteorological Conditions: Wind speeds up to 4.6 m/s at 10m above ground level representative of noise enhancing meteorological conditions

|                 |             |                                      |                                     |                  |
|-----------------|-------------|--------------------------------------|-------------------------------------|------------------|
| <b>Receiver</b> | <b>Date</b> | <b>Site Noise Level Contribution</b> | <b>Operational Criteria (dB(A))</b> | <b>Compliant</b> |
| <b>EPL ID</b>   |             | <b>LAeq, 15 minute (dB(A))</b>       | <b>Daytime</b>                      |                  |
| R6              | 15/04/25    | <40                                  | 40                                  | yes              |
| R8              | 15/04/25    | <40                                  | 45                                  | yes              |
| R9              | 15/04/25    | <40                                  | 45                                  | yes              |
| R12             | 15/04/25    | <40                                  | 40                                  | yes              |
| R17             | 15/04/25    | <40                                  | 40                                  | yes              |
| <b>Receiver</b> | <b>Date</b> | <b>Site Noise Level Contribution</b> | <b>Operational Criteria (dB(A))</b> | <b>Compliant</b> |
| <b>EPL ID</b>   |             | <b>LAeq, 15 minute (dB(A))</b>       | <b>Evening</b>                      |                  |
| R6              | 15/04/25    | <35                                  | 35                                  | yes              |
| R8              | 15/04/25    | <35                                  | 35                                  | yes              |
| R9              | 15/04/25    | <36                                  | 36                                  | no               |
| R12             | 15/04/25    | <35                                  | 35                                  | no               |
| R17             | 15/04/25    | <35                                  | 35                                  | yes              |



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| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level Contribution</i> | <i>Operational Criteria (dB(A))</i> | <i>Compliant</i> |
|-----------------|-------------|--------------------------------------|-------------------------------------|------------------|
| <b>EPL ID</b>   |             | <b>LAeq, 15 minute (dB(A))</b>       | <b>Night</b>                        |                  |
| R6              | 15/04/25    | <35                                  | 40                                  | yes              |
| R8              | 15/04/25    | <35                                  | 40                                  | yes              |
| R9              | 15/04/25    | <36                                  | 41                                  | yes              |
| R12             | 15/04/25    | <35                                  | 40                                  | yes              |
| R17             | 15/04/25    | <35                                  | 40                                  | yes              |
| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level Contribution</i> | <i>Operational Criteria (dB(A))</i> | <i>Compliant</i> |
| <b>EPL ID</b>   |             | <b>LAeq, 1 minute (dB(A))</b>        | <b>Night</b>                        |                  |
| R6              | 15/04/25    | <52                                  | 57                                  | yes              |
| R8              | 15/04/25    | <52                                  | 57                                  | yes              |
| R9              | 15/04/25    | <52                                  | 57                                  | yes              |
| R12             | 15/04/25    | <52                                  | 57                                  | yes              |
| R17             | 15/04/25    | <52                                  | 57                                  | yes              |

Date Sampled: 16/07/25

Date Received: 8/08/25

Meteorological Conditions: Wind speeds up to 4.6 m/s at 10m above ground level representative of noise enhancing meteorological conditions

| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level Contribution</i> | <i>Operational Criteria (dB(A))</i> | <i>Compliant</i> |
|-----------------|-------------|--------------------------------------|-------------------------------------|------------------|
| <b>EPL ID</b>   |             | <b>LAeq, 15 minute (dB(A))</b>       | <b>Daytime</b>                      |                  |
| R6              | 16/07/25    | <40                                  | 40                                  | yes              |
| R8              | 16/07/25    | <40                                  | 45                                  | yes              |
| R9              | 16/07/25    | <40                                  | 45                                  | yes              |
| R12             | 16/07/25    | <40                                  | 40                                  | yes              |
| R17             | 16/07/25    | <40                                  | 40                                  | yes              |
| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level Contribution</i> | <i>Operational Criteria (dB(A))</i> | <i>Compliant</i> |
| <b>EPL ID</b>   |             | <b>LAeq, 15 minute (dB(A))</b>       | <b>Evening</b>                      |                  |
| R6              | 16/07/25    | <35                                  | 35                                  | yes              |
| R8              | 16/07/25    | <35                                  | 35                                  | yes              |
| R9              | 16/07/25    | <36                                  | 36                                  | no               |
| R12             | 16/07/25    | <35                                  | 35                                  | no               |
| R17             | 16/07/25    | <35                                  | 35                                  | yes              |



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| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level Contribution</i> | <i>Operational Criteria (dB(A))</i> | <i>Compliant</i> |
|-----------------|-------------|--------------------------------------|-------------------------------------|------------------|
| <b>EPL ID</b>   |             | <b>LAeq, 15 minute (dB(A))</b>       | <b>Night</b>                        |                  |
| R6              | 16/07/25    | <35                                  | 40                                  | yes              |
| R8              | 16/07/25    | <35                                  | 40                                  | yes              |
| R9              | 16/07/25    | <36                                  | 41                                  | yes              |
| R12             | 16/07/25    | <35                                  | 40                                  | yes              |
| R17             | 16/07/25    | <35                                  | 40                                  | yes              |
| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level Contribution</i> | <i>Operational Criteria (dB(A))</i> | <i>Compliant</i> |
| <b>EPL ID</b>   |             | <b>LAeq, 1 minute (dB(A))</b>        | <b>Night</b>                        |                  |
| R6              | 16/07/25    | <52                                  | 57                                  | yes              |
| R8              | 16/07/25    | <52                                  | 57                                  | yes              |
| R9              | 16/07/25    | <52                                  | 57                                  | yes              |
| R12             | 16/07/25    | <52                                  | 57                                  | yes              |
| R17             | 16/07/25    | <52                                  | 57                                  | yes              |

Date Sampled: 30/09/25

Date Received: 24/10/25

Meteorological Conditions: Wind speeds up to 3.8 m/s at 10m above ground level representative of noise enhancing meteorological conditions

| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level Contribution</i> | <i>Operational Criteria (dB(A))</i> | <i>Compliant</i> |
|-----------------|-------------|--------------------------------------|-------------------------------------|------------------|
| <b>EPL ID</b>   |             | <b>LAeq, 15 minute (dB(A))</b>       | <b>Daytime</b>                      |                  |
| R6              | 30/09/25    | <40                                  | 40                                  | yes              |
| R8              | 30/09/25    | <40                                  | 45                                  | yes              |
| R9              | 30/09/25    | <40                                  | 45                                  | yes              |
| R12             | 30/09/25    | <40                                  | 40                                  | yes              |
| R17             | 30/09/25    | <40                                  | 40                                  | yes              |
| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level Contribution</i> | <i>Operational Criteria (dB(A))</i> | <i>Compliant</i> |
| <b>EPL ID</b>   |             | <b>LAeq, 15 minute (dB(A))</b>       | <b>Evening</b>                      |                  |
| R6              | 30/09/25    | <35                                  | 35                                  | yes              |
| R8              | 30/09/25    | <35                                  | 35                                  | yes              |
| R9              | 30/09/25    | <40                                  | 36                                  | no               |
| R12             | 30/09/25    | <36                                  | 35                                  | no               |
| R17             | 30/09/25    | <35                                  | 35                                  | yes              |



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| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level Contribution</i> | <i>Operational Criteria (dB(A))</i> | <i>Compliant</i> |
|-----------------|-------------|--------------------------------------|-------------------------------------|------------------|
| <b>EPL ID</b>   |             | <b>LAeq, 15 minute (dB(A))</b>       | <b>Night</b>                        |                  |
| R6              | 30/09/25    | <35                                  | 40                                  | yes              |
| R8              | 30/09/25    | <35                                  | 40                                  | yes              |
| R9              | 30/09/25    | <36                                  | 41                                  | yes              |
| R12             | 30/09/25    | <36                                  | 40                                  | no               |
| R17             | 30/09/25    | <35                                  | 40                                  | yes              |
| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level Contribution</i> | <i>Operational Criteria (dB(A))</i> | <i>Compliant</i> |
| <b>EPL ID</b>   |             | <b>LAeq, 1 minute (dB(A))</b>        | <b>Night</b>                        |                  |
| R6              | 30/09/25    | <52                                  | 57                                  | yes              |
| R8              | 30/09/25    | <52                                  | 57                                  | yes              |
| R9              | 30/09/25    | <52                                  | 57                                  | yes              |
| R12             | 30/09/25    | <52                                  | 57                                  | yes              |
| R17             | 30/09/25    | <52                                  | 57                                  | yes              |

Date Sampled: 16/12/25

Date Received: 23/01/25

Meteorological Conditions: Wind speeds up to 3.4 m/s at 10m above ground level representative of noise enhancing meteorological conditions

| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level Contribution</i> | <i>Operational Criteria (dB(A))</i> | <i>Compliant</i> |
|-----------------|-------------|--------------------------------------|-------------------------------------|------------------|
| <b>EPL ID</b>   |             | <b>LAeq, 15 minute (dB(A))</b>       | <b>Daytime</b>                      |                  |
| R6              | 16/12/25    | <40                                  | 40                                  | yes              |
| R8              | 16/12/25    | <40                                  | 45                                  | yes              |
| R9              | 16/12/25    | <40                                  | 45                                  | yes              |
| R12             | 16/12/25    | <40                                  | 40                                  | yes              |
| R17             | 16/12/25    | <40                                  | 40                                  | yes              |
| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level Contribution</i> | <i>Operational Criteria (dB(A))</i> | <i>Compliant</i> |
| <b>EPL ID</b>   |             | <b>LAeq, 15 minute (dB(A))</b>       | <b>Evening</b>                      |                  |
| R6              | 16/12/25    | <35                                  | 35                                  | yes              |
| R8              | 16/12/25    | <35                                  | 35                                  | yes              |
| R9              | 16/12/25    | <36                                  | 36                                  | no               |
| R12             | 16/12/25    | <35                                  | 35                                  | no               |



**Building  
something  
great**

|                 |             |                                      |                                     |                  |
|-----------------|-------------|--------------------------------------|-------------------------------------|------------------|
| R17             | 16/12/25    | <35                                  | 35                                  | yes              |
| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level Contribution</i> | <i>Operational Criteria (dB(A))</i> | <i>Compliant</i> |
| <b>EPL ID</b>   |             | <b>LAeq, 15 minute (dB(A))</b>       | <b>Night</b>                        |                  |
| R6              | 16/12/25    | <35                                  | 40                                  | yes              |
| R8              | 16/12/25    | <35                                  | 40                                  | yes              |
| R9              | 16/12/25    | <36                                  | 41                                  | yes              |
| R12             | 16/12/25    | <35                                  | 40                                  | yes              |
| R17             | 16/12/25    | <35                                  | 40                                  | yes              |
| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level Contribution</i> | <i>Operational Criteria (dB(A))</i> | <i>Compliant</i> |
| <b>EPL ID</b>   |             | <b>LAeq, 1 minute (dB(A))</b>        | <b>Night</b>                        |                  |
| R6              | 16/12/25    | <52                                  | 57                                  | yes              |
| R8              | 16/12/25    | <52                                  | 57                                  | yes              |
| R9              | 16/12/25    | <52                                  | 57                                  | yes              |
| R12             | 16/12/25    | <52                                  | 57                                  | yes              |
| R17             | 16/12/25    | <52                                  | 57                                  | yes              |

The assessment has identified that noise emissions generated by the mine were audible at one monitoring location for a very short period during the evening period and inaudible at all other monitoring locations during all other periods. Notwithstanding, the contributions at all monitoring locations satisfied the consent conditions at their respective assessed receivers.

No low frequency analysis is required for any measurement period, therefore no low frequency penalties need to be applied to any measurement.

**REPORT ENDS**