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## **Boral Cement Marulan POELA Act 2011 Monitoring Data June 2025 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.p  
df](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 30/07/2025**

#### **Compliance Summary:**

**The site is currently compliant with the Licence limits.**

## 1. Annual Stack Monitoring

| Assessable<br>Parameter (mg/m³)                                 | Licence Limit | 2019-20            | 2020-21 | 2021-22 | 2022-23 | 2023-24<br>(April) |  |  |  |  |
|-----------------------------------------------------------------|---------------|--------------------|---------|---------|---------|--------------------|--|--|--|--|
| Emission Source: Kiln Stack (EPA identification Number: 11)     |               |                    |         |         |         |                    |  |  |  |  |
| Solid Particulates                                              | 100 mg/m3     | 86                 | 39      | 8.4     | 43      | 64                 |  |  |  |  |
| Nitrogen Oxides                                                 | 2,000 mg/m3   | 470                | 240     | 370     | 300     | 300                |  |  |  |  |
| Emission Source: Hydrator Stack (EPA identification Number: 12) |               |                    |         |         |         |                    |  |  |  |  |
| Solid Particles                                                 | 100 mg/m3     | 9.7                | <2.0    | <2.0    | <2.0    | 1.5                |  |  |  |  |
| Assessable<br>Parameter (mg/m³)                                 | Licence Limit | 2023-2024<br>(Nov) |         |         |         |                    |  |  |  |  |
| Emission Source: Kiln Stack (EPA identification Number: 11)     |               |                    |         |         |         |                    |  |  |  |  |
| Solid Particulates                                              | 100 mg/m3     | 86                 |         |         |         |                    |  |  |  |  |
| Nitrogen Oxides                                                 | 2,000 mg/m3   | 470                |         |         |         |                    |  |  |  |  |
| Emission Source: Hydrator Stack (EPA identification Number: 12) |               |                    |         |         |         |                    |  |  |  |  |
| Solid Particles                                                 | 100 mg/m3     | 9.7                |         |         |         |                    |  |  |  |  |

**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.

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.



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| Month     | Report received on | Dust Deposition Gauges<br>(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                             |                                |



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| Month      | Report received on | Dust Deposition Gauges<br>(g/m2/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) |
| Mar 2021   | 28/4/21            | 7.34                                                            | 6.57                             |                                |
| April 2021 | 21/6/21            | 7.28                                                            | 6.56                             |                                |
| 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                           |



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| Month      | Report received on | Dust Deposition Gauges<br>(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) |
| Aug 2023   | 26/09/23           | 3.00                                                                         | 2.16                             | 2.16                           |
| Sep 2023   | 30/10/23           | 2.98                                                                         | 1.97                             | 2.26                           |
| 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        | -                  | -                                                                            | -                                | -                              |
| 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                           |
| June 2025  | 23/07/2025         | 3.19                                                                         | 2.57                             | 1.38                           |

**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.

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 ( $\mu\text{g}/\text{m}^3$ 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  $25 \mu\text{g}/\text{m}^3$  and twenty-four hour criteria is  $50 \mu\text{g}/\text{m}^3$

|                                   |          |          |          |          |          |          |          |          |
|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Sampling date                     | 13/12/18 | 19/12/18 | 25/12/18 | 31/12/18 | 12/01/19 | 15/01/19 | 30/01/19 | 5/02/19  |
| Report date                       | 14/01/18 | 14/01/18 | 14/01/18 | 14/01/18 | 12/02/19 | 12/02/19 | 12/02/19 | 12/02/19 |
| PM10 ( $\mu\text{g}/\text{m}^3$ ) | 15.32    | 22.41    | 19.62    | 46.78    | 18.21    | 40.30    | 39.31    | 27.77    |

|                                   |          |          |          |          |          |          |          |          |
|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Sampling date                     | 11/02/19 | 13/02/19 | 17/02/19 | 23/02/19 | 1/03/19  | 7/03/19  | 13/03/19 | 19/03/19 |
| Report date                       | 11/03/19 | 11/03/19 | 11/03/19 | 11/03/19 | 11/03/19 | 30/04/19 | 30/04/19 | 30/04/19 |
| PM10 ( $\mu\text{g}/\text{m}^3$ ) | 9.60     | 20.23    | 32.06    | 76.20    | 18.30    | 56.73    | 53.22    | 6.86     |

|                                   |          |          |          |          |          |          |          |          |
|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Sampling date                     | 25/03/19 | 31/03/19 | 06/04/19 | 12/04/19 | 18/04/19 | 24/04/19 | 30/04/19 | 06/05/19 |
| Report date                       | 30/04/19 | 30/04/19 | 30/04/19 | 20/05/19 | 20/05/19 | 20/05/19 | 20/05/19 | 20/05/19 |
| PM10 ( $\mu\text{g}/\text{m}^3$ ) | 4.58     | 0.34     | 12.81    | 33.58    | 21.05    | 24.74    | 49.05    | 6.74     |

|                                   |          |          |          |          |          |          |          |          |
|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Sampling date                     | 12/04/19 | 18/04/19 | 24/04/19 | 30/04/19 | 05/06/19 | 11/06/19 | 17/06/19 | 23/06/19 |
| Report date                       | 19/06/19 | 19/06/19 | 19/06/19 | 19/06/19 | 19/06/19 | 19/06/19 | 19/07/19 | 19/07/19 |
| PM10 ( $\mu\text{g}/\text{m}^3$ ) | 1.18     | 19.92    | 11.27    | 1.42     | 3.36     | 16.75    | 70.1     | 8.87     |

|                                   |          |          |          |          |          |          |          |          |
|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Sampling date                     | 29/06/19 | 05/07/19 | 11/07/19 | 17/07/19 | 23/07/19 | 29/07/19 | 04/08/19 | 10/08/19 |
| Report date                       | 19/07/19 | 19/07/19 | 29/09/19 | 29/09/19 | 29/09/19 | 29/09/19 | 29/09/19 | 29/09/19 |
| PM10 ( $\mu\text{g}/\text{m}^3$ ) | 14.68    | 10.20    | 21.49    | 21.42    | 21.45    | 21.26    | 20.69    | 20.50    |

|                                   |          |          |          |          |          |          |          |          |
|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Sampling date                     | 16/08/19 | 22/08/19 | 28/08/19 | 03/09/19 | 09/09/19 | 15/09/19 | 21/09/19 | 27/09/19 |
| Report date                       | 29/09/19 | 30/10/19 | 30/10/19 | 30/10/19 | 30/10/19 | 30/10/19 | 30/10/19 | 30/10/19 |
| PM10 ( $\mu\text{g}/\text{m}^3$ ) | 22.03    | 22.04    | 21.72    | 21.51    | 21.43    | 21.36    | 21.80    | 21.84    |

|               |          |          |          |          |          |         |         |          |
|---------------|----------|----------|----------|----------|----------|---------|---------|----------|
| Sampling date | 03/10/19 | 09/10/19 | 15/10/19 | 21/10/19 | 27/10/19 | 2/11/19 | 8/11/19 | 14/11/19 |
| Report date   | 30/10/19 | 30/10/19 | 14/1/20  | 14/1/20  | 14/1/20  | 14/1/20 | 14/1/20 | 14/1/20  |



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|--------------|-------|-------|-------|-------|-------|-------|-------|-------|
| PM10 (µg/m3) | 21.52 | 21.35 | 21.93 | 21.85 | 21.81 | 21.39 | 20.94 | 19.69 |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|

|               |          |          |          |          |          |          |          |         |
|---------------|----------|----------|----------|----------|----------|----------|----------|---------|
| Sampling date | 20/11/19 | 26/11/19 | 02/12/19 | 08/12/19 | 14/12/19 | 20/12/19 | 26/12/19 | 1/1/20  |
| Report date   | 14/1/20  | 14/1/20  | 14/1/20  | 14/1/20  | 14/1/20  | 14/1/20  | 14/1/20  | 14/1/20 |
| PM10 (µg/m3)  | 19.61    | 20.80    | 20.75    | 20.56    | 21.35    | 23.04    | 24.64    | 29.38   |

|               |         |         |         |         |         |         |         |         |
|---------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sampling date | 7/1/20  | 13/1/20 | 19/1/20 | 25/1/20 | 31/1/20 | 6/2/20  | 12/2/20 | 18/2/20 |
| Report date   | 12/2/20 | 12/2/20 | 12/2/20 | 12/2/20 | 12/2/20 | 24/3/20 | 24/3/20 | 24/3/20 |
| PM10 (µg/m3)  | 31.22   | 32.53   | 32.42   | 32.39   | 32.46   | 38.18   | 19.41   | 52.58   |

|               |         |         |         |         |         |         |         |         |
|---------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sampling date | 24/2/20 | 1/3/20  | 7/3/20  | 13/3/20 | 19/3/20 | 24/3/20 | 31/3/20 | 6/4/20  |
| Report date   | 24/3/20 | 24/3/20 | 24/3/20 | 24/3/20 | 30/4/20 | 30/4/20 | 30/4/20 | 30/4/20 |
| PM10 (µg/m3)  | 47.42   | 54.44   | 48.15   | 104.76  | 15.18   | 34.91   | 8.22    | 7.86    |

|               |         |         |         |         |         |         |         |         |
|---------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sampling date | 12/4/20 | 18/4/20 | 24/4/20 | 27/4/20 | 30/4/20 | 1/5/20  | 4/5/20  | 6/5/20  |
| Report date   | 30/4/20 | 30/4/20 | 25/5/20 | 25/5/20 | 25/5/20 | 25/5/20 | 25/5/20 | 22/6/20 |
| PM10 (µg/m3)  | 17.61   | 16.81   | 12.30   | 102.64  | 1.81    | 1.07    | 1.64    | 9.00    |

|               |         |         |         |         |         |         |         |         |
|---------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sampling date | 12/5/20 | 18/5/20 | 24/5/20 | 30/5/20 | 5/6/20  | 11/6/20 | 17/6/20 | 23/6/20 |
| Report date   | 22/6/20 | 22/6/20 | 22/6/20 | 22/6/20 | 22/6/20 | 22/6/20 | 16/7/20 | 16/7/20 |
| PM10 (µg/m3)  | 13.33   | 15.51   | 0.13    | 3.45    | 4.68    | 3.72    | 8.11    | 0.50    |

|               |         |         |         |         |         |         |         |        |
|---------------|---------|---------|---------|---------|---------|---------|---------|--------|
| Sampling date | 29/6/20 | 5/7/20  | 11/7/20 | 20/7/20 | 21/7/20 | 23/7/20 | 29/7/20 | 4/8/20 |
| Report date   | 16/7/20 | 16/7/20 | 3/9/20  | 3/9/20  | 3/9/20  | 3/9/20  | 3/9/20  | 3/9/20 |
| PM10 (µg/m3)  | 6.51    | 1.12    | 31.05   | 10.14   | 26.53   | 8.32    | 1.88    | 9.21   |

|               |        |         |         |         |         |         |          |          |
|---------------|--------|---------|---------|---------|---------|---------|----------|----------|
| Sampling date | 5/8/20 | 10/8/20 | 16/8/20 | 22/8/20 | 28/8/20 | 3/9/20  | 9/9/20   | 15/9/20  |
| Report date   | 3/9/20 | 17/9/20 | 17/9/20 | 17/9/20 | 17/9/20 | 17/9/20 | 21/10/20 | 21/10/20 |
| PM10 (µg/m3)  | 2.56   | 4.31    | 2.50    | 2.20    | 7.19    | 22.77   | 9.64     | 10.82    |

|               |          |          |          |          |          |          |          |          |
|---------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Sampling date | 12/9/20  | 27/9/20  | 3/10/20  | 7/10/20  | 9/10/20  | 15/10/20 | 21/10/20 | 27/10/20 |
| Report date   | 21/10/20 | 21/10/20 | 21/10/20 | 21/10/20 | 27/11/20 | 27/11/20 | 27/11/20 | 27/11/20 |
| PM10 (µg/m3)  | 13.71    | 4.22     | 11.59    | 4.25     | 1.88     | 32.18    | 39.59    | 3.92     |

|               |          |          |          |          |          |          |          |          |
|---------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Sampling date | 2/11/20  | 8/11/20  | 14/11/20 | 20/11/20 | 26/11/20 | 2/12/20  | 4/12/20  | 8/12/20  |
| Report date   | 27/11/20 | 27/11/20 | 27/11/20 | 27/11/20 | 23/12/20 | 23/12/20 | 23/12/20 | 23/12/20 |
| PM10 (µg/m3)  | 8.22     | 7.18     | 8.97     | 15.71    | 26.56    | 20.13    | 5.79     | 3.69     |

|               |          |          |          |          |         |         |         |          |
|---------------|----------|----------|----------|----------|---------|---------|---------|----------|
| Sampling date | 14/12/20 | 20/12/20 | 22/12/20 | 26/12/20 | 1/01/21 | 5/01/21 | 7/01/21 | 13/01/21 |
| Report date   | 23/12/20 | 7/1/21   | 7/1/21   | 7/1/21   | 7/1/21  | 7/1/21  | 4/3/21  | 4/3/21   |
| PM10 (µg/m3)  | 4.13     | 9.46     | 7.08     | 9.96     | 6.33    | 8.65    | 5.23    | 15.66    |



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|---------------|----------|----------------------------------------------------------------------------|--|--|--|--|--|--|
| Sampling date | 19/01/21 | 25/01/21 to 19/04/21 Results missing due to PM10 unit mechanical failure*. |  |  |  |  |  |  |
| Report date   | 4/3/21   |                                                                            |  |  |  |  |  |  |
| PM10 (µg/m3)  | 47.14    |                                                                            |  |  |  |  |  |  |

|               |          |          |          |          |          |          |          |          |
|---------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Sampling date | 25/04/21 | 1/05/21  | 7/05/21  | 13/05/21 | 19/05/21 | 25/05/21 | 31/05/21 | 6/6/21   |
| Report date   | 21/05/21 | 21/05/21 | 21/05/21 | 23/06/21 | 23/06/21 | 23/06/21 | 23/06/21 | 23/06/21 |
| PM10 (µg/m3)  | 11.54    | 27.07    | 3.86     | 4.89     | 13.65    | 14.99    | Failed*  | 4.78     |

|               |          |          |          |          |         |         |          |          |
|---------------|----------|----------|----------|----------|---------|---------|----------|----------|
| Sampling date | 12/06/21 | 18/06/21 | 24/06/21 | 30/06/21 | 2/07/21 | 6/07/21 | 12/07/21 | 18/07/21 |
| Report date   | 3/08/21  | 3/08/21  | 3/08/21  | 3/08/21  | 3/08/21 | 3/08/21 | 3/08/21  | 17/08/21 |
| PM10 (µg/m3)  | 1.32     | 2.26     | 3.33     | 7.46     | 2.14    | 1.19    | 4.72     | 1.48     |

|               |          |          |          |          |          |          |          |          |
|---------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Sampling date | 24/07/21 | 30/07/21 | 5/08/21  | 11/08/21 | 17/08/21 | 23/08/21 | 29/08/21 | 4/09/21  |
| Report date   | 17/08/21 | 17/08/21 | 17/08/21 | 21/09/21 | 21/09/21 | 21/09/21 | 21/09/21 | 21/09/21 |
| PM10 (µg/m3)  | 2.78     | 3.54     | 1.28     | 0.34     | 1.73     | 0.76     | 4.33     | 2.12     |

|               |          |          |          |          |          |          |          |          |
|---------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Sampling date | 10/09/21 | 16/09/21 | 22/09/21 | 2/10/21  | 4/10/21  | 10/10/21 | 16/10/21 | 22/10/21 |
| Report date   | 26/10/21 | 26/10/21 | 26/10/21 | 26/10/21 | 26/10/21 | 12/11/21 | 12/11/21 | 12/11/21 |
| PM10 (µg/m3)  | 3.63     | 3.20     | 1.14     | 0.21     | 3.09     | 20.16    | 12.92    | 27.57    |

|               |          |          |          |          |          |          |          |         |
|---------------|----------|----------|----------|----------|----------|----------|----------|---------|
| Sampling date | 28/10/21 | 3/11/21  | 9/11/21  | 15/11/21 | 21/11/21 | 27/11/21 | 3/12/21  | 9/12/21 |
| Report date   | 12/11/21 | 12/11/21 | 15/12/21 | 15/12/21 | 15/12/21 | 15/12/21 | 15/12/21 | 5/1/22  |
| PM10 (µg/m3)  | 30.36    | 51.97    | 9.22     | 5.75     | 4.00     | 2.65     | 17.81    | 8.64    |

|               |          |          |         |         |         |         |         |         |
|---------------|----------|----------|---------|---------|---------|---------|---------|---------|
| Sampling date | 15/12/21 | 21/12/21 | 8/1/22  | 14/1/22 | 18/1/22 | 20/1/22 | 24/1/22 | 26/1/22 |
| Report date   | 5/1/22   | 5/1/22   | 17/2/22 | 17/2/22 | 17/2/22 | 17/2/22 | 17/2/22 | 17/2/22 |
| PM10 (µg/m3)  | 24.04    | 23.42    | 9.14    | 25.65   | 14.05   | 6.73    | 17.31   | 23.68   |

|               |         |         |         |         |         |         |         |         |
|---------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sampling date | 1/2/22  | 4/2/22  | 13/2/22 | 19/2/22 | 25/2/22 | 3/3/22  | 9/3/22  | 15/3/22 |
| Report date   | 17/2/22 | 17/2/22 | 15/3/22 | 15/3/22 | 15/3/22 | 15/3/22 | 28/4/22 | 28/4/22 |
| PM10 (µg/m3)  | 26.39   | 6.01    | 14.15   | 13.56   | 5.85    | 4.40    | 4.25    | 16.07   |

|               |         |         |         |         |         |         |         |         |
|---------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sampling date | 21/3/22 | 27/3/22 | 2/4/22  | 8/4/22  | 14/4/22 | 20/4/22 | 26/4/22 | 2/5/22  |
| Report date   | 28/4/22 | 28/4/22 | 28/4/22 | 11/5/22 | 11/5/22 | 11/5/22 | 11/5/22 | 21/6/22 |
| PM10 (µg/m3)  | 20.12   | 9.11    | 5.66    | 3.96    | 7.89    | 2.07    | 9.73    | 11.00   |

|               |         |         |         |         |         |         |          |         |
|---------------|---------|---------|---------|---------|---------|---------|----------|---------|
| Sampling date | 8/5/22  | 14/5/22 | 20/5/22 | 26/5/22 | 1/6/22  | 7/6/22  | 13/06/22 | 19/6/22 |
| Report date   | 21/6/22 | 21/6/22 | 21/6/22 | 21/6/22 | 21/6/22 | 21/6/22 | 13/7/22  | 13/7/22 |
| PM10 (µg/m3)  | 1.72    | 6.59    | 2.92    | 11.49   | 0.72    | 0.51    | 0.19     | 4.93    |

|               |         |         |         |         |         |         |         |         |
|---------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sampling date | 25/6/22 | 1/7/22  | 7/7/22  | 13/7/22 | 19/7/22 | 25/7/22 | 6/08/22 | 8/08/22 |
| Report date   | 13/7/22 | 13/7/22 | 10/8/22 | 10/8/22 | 10/8/22 | 10/8/22 | 20/9/22 | 20/9/22 |





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|              |      |      |      |      |      |      |      |      |
|--------------|------|------|------|------|------|------|------|------|
| PM10 (µg/m3) | 0.26 | 0.26 | 0.80 | 0.59 | 0.45 | 0.13 | 0.13 | 0.13 |
|--------------|------|------|------|------|------|------|------|------|

|               |          |          |          |          |         |          |          |          |
|---------------|----------|----------|----------|----------|---------|----------|----------|----------|
| Sampling date | 12/08/22 | 18/08/22 | 24/08/22 | 30/08/22 | 5/09/22 | 11/09/22 | 17/09/22 | 23/09/22 |
| Report date   | 20/9/22  | 20/9/22  | 20/9/22  | 20/9/22  | 20/9/22 | 10/10/22 | 10/10/22 | 10/10/22 |
| PM10 (µg/m3)  | 0.86     | 0.20     | 0.32     | 2.69     | 2.83    | 5.46     | 6.21     | 19.55    |

|               |          |          |          |          |          |          |          |          |
|---------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Sampling date | 29/09/22 | 05/10/22 | 11/10/22 | 17/10/22 | 23/10/22 | 29/10/22 | 04/11/22 | 14/11/22 |
| Report date   | 10/10/22 | 10/10/22 | 09/11/22 | 09/11/22 | 09/11/22 | 09/11/22 | 14/12/22 | 14/12/22 |
| PM10 (µg/m3)  | 6.97     | 21.02    | 10.69    | 12.56    | 2.06     | 0.48     | 9.69     | 12.94    |

|               |          |          |          |          |          |          |          |  |
|---------------|----------|----------|----------|----------|----------|----------|----------|--|
| Sampling date | 16/11/22 | 22/11/22 | 28/11/22 | 04/12/22 | 10/12/22 | 16/12/22 | 22/12/22 |  |
| Report date   | 14/12/22 | 14/12/22 | 14/12/22 | 14/12/22 | 16/1/23  | 16/1/23  | 16/1/23  |  |
| PM10 (µg/m3)  | 1.15     | 0.47     | 0.41     | 8.48     | 21.08    | 12.15    | 16.75    |  |

|               |         |         |         |          |          |         |         |          |
|---------------|---------|---------|---------|----------|----------|---------|---------|----------|
| 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/m3)  | 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/m3)  | 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/m3)  | 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/m3)  | 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/m3)  | 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/m3)  | 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/m3)  | 9.60     | 32.06    | 45.49    | 19.42    | 23.01    | 24.34    | 14.20    | 12.37    |



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|               |          |          |          |          |          |          |          |          |
|---------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 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/m3)  | 26.28    | 27.04    | 26.26    | 16.08    | 10.91    | 12.60    | 20.92    | 3.67     |

|               |          |          |          |          |          |          |          |          |
|---------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 |
|---------------|----------|----------|----------|----------|----------|----------|----------|----------|



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|--------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 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     |

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 25µg/m3 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 (ug/m<sup>3</sup> 24 hrs)

Annual criteria is 8 ug/m<sup>3</sup> and twenty-four hour criteria is 25 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  |
| PM2.5 (µg/m3) | 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 (µg/m3) | 18.31    | 18.75    | 6.07     | 12.68    | 11.77    | 6.64     | 5.24     | 3.20     |



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|               |          |          |          |          |          |          |          |          |
|---------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 (µg/m3) | 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 (µg/m3) | 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 (µg/m3) | 1.44     | 1.62     | 8.00     | 1.16     | 0.40     | 0.96     | 0.21     | 1.64     |

|               |          |          |          |          |          |          |          |          |
|---------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 |
|---------------|----------|----------|----------|----------|----------|----------|----------|----------|



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|              |          |          |          |          |          |          |          |          |
|--------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 |
| 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     |

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 |



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|             |       |       |       |       |       |       |       |      |
|-------------|-------|-------|-------|-------|-------|-------|-------|------|
| 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 |
| 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    |



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|               |          |          |          |          |          |          |          |          |
|---------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 |
| Report date   | 08/07/25 |
| TSP (µg/m3)   | 25.64    |

Space intentionally left blank

### 3 Blast monitoring:

Limits:

\* The overpressure level from blasting operations at the premises must not exceed 120dB (Lin Peak) at any time



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\* 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<br>Overpressure<br>Substation | Ground<br>Vibration<br>Substation | Airblast<br>Overpressure<br>643 Marulan South<br>Rd | Ground<br>Vibration<br>643 Marulan<br>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       |
| 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       |





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|           |         |       |      |            |            |     |
|-----------|---------|-------|------|------------|------------|-----|
| 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 |
| 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 |



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|           |         |            |            |            |            |     |
|-----------|---------|------------|------------|------------|------------|-----|
| 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 |
| 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 |



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|           |         |       |      |            |            |     |
|-----------|---------|-------|------|------------|------------|-----|
| 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 |
| 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 |



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|           |         |            |            |            |            |     |
|-----------|---------|------------|------------|------------|------------|-----|
| 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 |
| 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 |



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|           |         |            |            |            |            |     |
|-----------|---------|------------|------------|------------|------------|-----|
| 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 |
| 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 |



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|           |         |       |      |            |            |     |
|-----------|---------|-------|------|------------|------------|-----|
| 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 |
| 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 |

\*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.

#### 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                             |



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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  |
| 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  |

**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              |





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|     |          |     |    |     |
|-----|----------|-----|----|-----|
| R9  | 28/03/23 | <35 | 40 | yes |
| R12 | 28/03/23 | <35 | 40 | yes |
| R17 | 28/03/23 | <35 | 40 | yes |

| Receiver | Date     | Site Noise Level Contribution | Operational Criteria (dB(A)) | Compliant |
|----------|----------|-------------------------------|------------------------------|-----------|
| EPL ID   |          | LAeq, 15 minute (dB(A))       | Evening                      |           |
| 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       |

| Receiver | Date     | Site Noise Level Contribution | Operational Criteria (dB(A)) | Compliant |
|----------|----------|-------------------------------|------------------------------|-----------|
| EPL ID   |          | LAeq, 15 minute (dB(A))       | Night                        |           |
| 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 | 30                            | 35                           | yes       |
| R17      | 28/03/23 | <35                           | 35                           | yes       |

| Receiver | Date     | Site Noise Level Contribution | Operational Criteria (dB(A)) | Compliant |
|----------|----------|-------------------------------|------------------------------|-----------|
| EPL ID   |          | LAeq, 1 minute (dB(A))        | Night                        |           |
| 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



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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>L<sub>Aeq</sub>, 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              |

| <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>L<sub>Aeq</sub>, 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              |

| <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>L<sub>Aeq</sub>, 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              |

| <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>L<sub>Aeq</sub>, 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              |



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|     |          |     |    |     |
|-----|----------|-----|----|-----|
| 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>L<sub>Aeq</sub>, 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>L<sub>Aeq</sub>, 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>L<sub>Aeq</sub>, 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              |



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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              | 28/09/23    | <52                                  | 52                                  | yes              |
| 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>                        |                  |



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|     |          |     |    |     |
|-----|----------|-----|----|-----|
| 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 |

| Receiver | Date     | Site Noise Level Contribution | Operational Criteria (dB(A)) | Compliant |
|----------|----------|-------------------------------|------------------------------|-----------|
| EPL ID   |          | LAeq, 1 minute (dB(A))        | Night                        |           |
| 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       |

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

| Receiver | Date     | Site Noise Level Contribution | Operational Criteria (dB(A)) | Compliant |
|----------|----------|-------------------------------|------------------------------|-----------|
| EPL ID   |          | LAeq, 15 minute (dB(A))       | Daytime                      |           |
| 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       |

| Receiver | Date     | Site Noise Level Contribution | Operational Criteria (dB(A)) | Compliant |
|----------|----------|-------------------------------|------------------------------|-----------|
| EPL ID   |          | LAeq, 15 minute (dB(A))       | Evening                      |           |
| 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       |



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|     |          |     |    |     |
|-----|----------|-----|----|-----|
| 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

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              |

| <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)) | Evening |     |
|--------|----------|-------------------------|---------|-----|
| 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 |

| Receiver | Date     | Site Noise Level Contribution | Operational Criteria (dB(A)) | Compliant |
|----------|----------|-------------------------------|------------------------------|-----------|
| EPL ID   |          | LAeq, 15 minute (dB(A))       | Night                        |           |
| 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       |

| Receiver | Date     | Site Noise Level Contribution | Operational Criteria (dB(A)) | Compliant |
|----------|----------|-------------------------------|------------------------------|-----------|
| EPL ID   |          | LAeq, 1 minute (dB(A))        | Night                        |           |
| 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

| Receiver | Date     | Site Noise Level Contribution | Operational Criteria (dB(A)) | Compliant |
|----------|----------|-------------------------------|------------------------------|-----------|
| EPL ID   |          | LAeq, 15 minute (dB(A))       | Daytime                      |           |
| R6       | 03/10/24 | <40                           | 40                           | yes       |
| R8       | 03/10/24 | <40                           | 45                           | yes       |



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|     |          |     |    |     |
|-----|----------|-----|----|-----|
| R9  | 03/10/24 | <40 | 45 | yes |
| R12 | 03/10/24 | <40 | 40 | yes |
| R17 | 03/10/24 | <40 | 40 | yes |

| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level<br/>Contribution</i> | <i>Operational<br/>Criteria (dB(A))</i> | <i>Compliant</i> |
|-----------------|-------------|------------------------------------------|-----------------------------------------|------------------|
| <b>EPL ID</b>   |             | <b>LAeq, 15 minute<br/>(dB(A))</b>       | <b>Evening</b>                          |                  |
| 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              |

| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level<br/>Contribution</i> | <i>Operational<br/>Criteria (dB(A))</i> | <i>Compliant</i> |
|-----------------|-------------|------------------------------------------|-----------------------------------------|------------------|
| <b>EPL ID</b>   |             | <b>LAeq, 15 minute<br/>(dB(A))</b>       | <b>Night</b>                            |                  |
| 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              |

| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level<br/>Contribution</i> | <i>Operational<br/>Criteria (dB(A))</i> | <i>Compliant</i> |
|-----------------|-------------|------------------------------------------|-----------------------------------------|------------------|
| <b>EPL ID</b>   |             | <b>LAeq, 1 minute<br/>(dB(A))</b>        | <b>Night</b>                            |                  |
| 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





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

| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level<br/>Contribution</i> | <i>Operational<br/>Criteria (dB(A))</i> | <i>Compliant</i> |
|-----------------|-------------|------------------------------------------|-----------------------------------------|------------------|
| <i>EPL ID</i>   |             | <i>LAeq, 15 minute<br/>(dB(A))</i>       | <i>Evening</i>                          |                  |
| 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              |

| <i>Receiver</i> | <i>Date</i> | <i>Site Noise Level<br/>Contribution</i> | <i>Operational<br/>Criteria (dB(A))</i> | <i>Compliant</i> |
|-----------------|-------------|------------------------------------------|-----------------------------------------|------------------|
| <i>EPL ID</i>   |             | <i>LAeq, 15 minute<br/>(dB(A))</i>       | <i>Night</i>                            |                  |
| 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

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



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| EPL ID |          | L <sub>Aeq</sub> , 15 minute (dB(A)) | Daytime |     |
|--------|----------|--------------------------------------|---------|-----|
| 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 |

| Receiver | Date     | Site Noise Level Contribution        | Operational Criteria (dB(A)) | Compliant |
|----------|----------|--------------------------------------|------------------------------|-----------|
| EPL ID   |          | L <sub>Aeq</sub> , 15 minute (dB(A)) | Evening                      |           |
| 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       |

| Receiver | Date     | Site Noise Level Contribution        | Operational Criteria (dB(A)) | Compliant |
|----------|----------|--------------------------------------|------------------------------|-----------|
| EPL ID   |          | L <sub>Aeq</sub> , 15 minute (dB(A)) | Night                        |           |
| 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       |

| Receiver | Date     | Site Noise Level Contribution       | Operational Criteria (dB(A)) | Compliant |
|----------|----------|-------------------------------------|------------------------------|-----------|
| EPL ID   |          | L <sub>Aeq</sub> , 1 minute (dB(A)) | Night                        |           |
| 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       |



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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              |

| <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>                        |                  |



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|     |          |     |    |     |
|-----|----------|-----|----|-----|
| 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 |

**REPORT ENDS**