

# Monthly Monitoring Data

**Environmental Protection Licence Number:** 12693

**Licensee:** Newcastle Coal Infrastructure Group Pty Ltd, Locked Bag 6003, Hunter Region Mail Centre NSW 2310

**Premises:** Newcastle Coal Infrastructure Group, Cormorant Road, Kooragang NSW 2304

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## Depositional Dust Monitoring

**Sample Period:** 2<sup>nd</sup> January 2017 - 2<sup>nd</sup> February 2017

**Date Obtained:** 20<sup>th</sup> February 2017

**Units of Measure:** grams per square metre per month (g/m<sup>2</sup>/month)

**Frequency:** Monthly

|                          | Monitoring Point 7 - DG3<br>(Kooragang Island) | Monitoring Point 8 - DG4<br>(Mayfield Sport Rec Club) | Monitoring Point 9 - DG5<br>(Mayfield West) | Monitoring Point 10 - DG6<br>(Sandgate) |
|--------------------------|--|---|---|---|
| <b>Depositional Dust</b> | 1.9  | 1.1   | 0.7   | 1.5                                     |

## High Volume Air Sampling

**Units of measure:** micrograms per cubic metre (µg/m<sup>3</sup>)

**Frequency:** Weekly

|               | Monitoring Point 14 - HVAS 1 (Steel River)<br>(Obtained 20 <sup>th</sup> February 2017) |      | Monitoring Point 15 - HVAS 2 (Mayfield Sport Rec Club)<br>(Obtained 20 <sup>th</sup> February 2017) |      |
|---------------|---|------|---|------|
|               | TSP   | PM10 | TSP   | PM10 |
| <b>6-Jan</b>  | 32  | 14   | 32  | 18   |
| <b>12-Jan</b> | 62  | 25   | 51  | 30   |
| <b>18-Jan</b> | 98*   | 36   | 115*  | 40   |
| <b>24-Jan</b> | 68  | 30   | 90  | 34   |
| <b>30-Jan</b> | 55  | 23   | 69  | 32   |

\* Elevated results due to strong westerly winds

NB. Sample period is a 24 hour period on each of the above dates | TSP = Total Suspended Particulates | PM10 = Particulate Matter <10 microns