

# 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

**Date Published:** 26<sup>th</sup> May 2017

## Depositional Dust Monitoring

**Sample Period:** 2<sup>nd</sup> April 2017 – 2<sup>nd</sup> May 2017

**Date Obtained:** 22<sup>nd</sup> May 2017

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

**Frequency:** Monthly

	Monitoring Point 7 - DG3 (Kooragang Island)	Monitoring Point 8 - DG4 (Mayfield Sport Rec Club)	Monitoring Point 9 - DG5 (Mayfield West)	Monitoring Point 10 - DG6 (Sandgate)
Depositional Dust	1.9	0.8	0.8	1.3

## 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) (Obtained 22 <sup>nd</sup> May 2017)		Monitoring Point 15 - HVAS 2 (Mayfield Sport Rec Club) (Obtained 22 <sup>nd</sup> May 2017)	
	TSP	PM10	TSP	PM10
6-Apr	24	9	18	11
12-Apr	18	8	17	9
18-Apr	34	16	35	18
24-Apr	48	20	41	24
30-Apr	N/A	N/A	25	14

N/A – results not yet available

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

**Discharge Quality Monitoring – Point 34****Sample Date:** 5<sup>th</sup> April 2017**Units of Measure:** pH units; milligrams per litre (mg/L)

Pollutant	Units of Measure	Frequency	Recorded Value
Oil and Grease	mg/L	monthly during discharge	<5
pH	pH units	monthly during discharge	8.21
Total Suspended Solids	mg/L	monthly during discharge	17

**Ambient Water Monitoring – Point 35****Sample Date:** 5<sup>th</sup> April 2017**Units of Measure:** pH units; milligrams per litre (mg/L)

Pollutant	Units of Measure	Frequency	Recorded Value
Oil and Grease	mg/L	Special Frequency 2*	<5
pH	pH units	Special Frequency 2*	7.52
Total Suspended Solids	mg/L	Special Frequency 2*	34

\* For the purposes of the table(s) above Special Frequency 2 means the collection of samples on an outgoing/ebb tide when monitoring is required at Point 34.

