

Monthly Monitoring Data

Environmental Protection Licence Number: 12693

link to EPL12693 on EPA Public Register: [Click Here](#)

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 Data Obtained: 27 September 2021

Date Published: 13 October 2021

Note: On the 25th of August 2017 an amendment was made to the NCIG Environmental Protection Licence (EPL12693) which removed the requirement for ambient air quality monitoring at Points 7-10 and 14-15. However, NCIG will continue to publish ambient air quality data for these locations previously listed in EPL12693 for the interest of the public.

Depositional Dust Monitoring

Sample Period: 12 August 2021 – 10 September 2021

Units of Measure: Insoluble Solids (grams per square metre per month (g/m²/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	0.8	0.8	0.8	1

High Volume Air Sampling

Units of measure: Micrograms per cubic metre (µg/m³)

Frequency: Weekly

	Monitoring Point 14 - HVAS 1 (Steel River, Mayfield West)			Monitoring Point 15 - HVAS 2 (Crebert Street, Mayfield)			
	TSP	PM10		TSP		PM10	
1-Aug-21	39	1-Aug-21	21	1-Aug-21	41	1-Aug-21	19
7-Aug-21	31	7-Aug-21	14	7-Aug-21	33	7-Aug-21	15
13-Aug-21	52	13-Aug-21	28	13-Aug-21	47	13-Aug-21	25
19-Aug-21	ND	19-Aug-21	ND	19-Aug-21	46	19-Aug-21	23
25-Aug-21	27	25-Aug-21	10	25-Aug-21	11	25-Aug-21	5
31-Aug-21	ND	31-Aug-21	ND	31-Aug-21	46	31-Aug-21	25

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

ND – No data due to power interruption

6 Monthly Groundwater Monitoring

Groundwater Resampling: Point 23 (K11/1S)

Sample Date: 19 August 2021

Frequency: Resample to confirm trigger exceedance in six monthly groundwater monitoring

Pollutant	Units of Measure	Initial value (trigger exceedance)	Resample Value	Confirmed to be elevated result? (Yes/No)
Nickel	mg/L	0.003	0.001	No*

*The process has now concluded at Step 3 of the Contingency Response Program in Condition E1.1 of EPL12693

Groundwater Resampling: Point 40 (BH/23S)

Sample Date: 19 August 2021

Frequency: Resample to confirm trigger exceedance in six monthly groundwater monitoring

Pollutant	Units of Measure	Initial value (trigger exceedance)	Resample Value	Confirmed to be elevated result? (Yes/No)
EC	µS/cm	968	970	Yes*

*NCIG will proceed to Step 4 and 5 of the Contingency Response Program in Condition E1.1 of EPL12693.

