

# 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:** 25 March 2022

**Date Published:** 13 April 2022

**Note:** On the 25<sup>th</sup> of August 2017 an amendment was made to the NCIG Environmental Protection Licence (EPL 12693) 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 EPL 12693 for the interest of the public.

## Depositional Dust Monitoring

**Sample Period:** 11 February 2022 – 11 March 2022

**Units of Measure:** Insoluble Solids (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	0.8	3.8	4	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, Mayfield West)			Monitoring Point 15 - HVAS 2 (Crebert Street, Mayfield)			
	TSP	PM10		TSP		PM10	
3-Feb-22	ND*	3-Feb-22	16	3-Feb-22	40	3-Feb-22	17
9-Feb-22	55	9-Feb-22	23	9-Feb-22	42	9-Feb-22	24
15-Feb-22	77	15-Feb-22	26	15-Feb-22	60	15-Feb-22	34
21-Feb-22	64	21-Feb-22	25	21-Feb-22	50	21-Feb-22	41
27-Feb-22	25	27-Feb-22	10	27-Feb-22	21	27-Feb-22	10

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 collected due to programming error

## 6 Monthly Groundwater Monitoring

**Groundwater Resampling:** Point 22 (K11/1)

**Sample Date:** 8 February 2022

**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)
Arsenic	mg/L	0.002	<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 37 (BH20D)

**Sample Date:** 8 February 2022

**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	0.021	0.021	Yes*

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

**Groundwater Resampling:** Point 40 (BH23S)

**Sample Date:** 8 February 2022

**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	1020	1020	Yes*

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

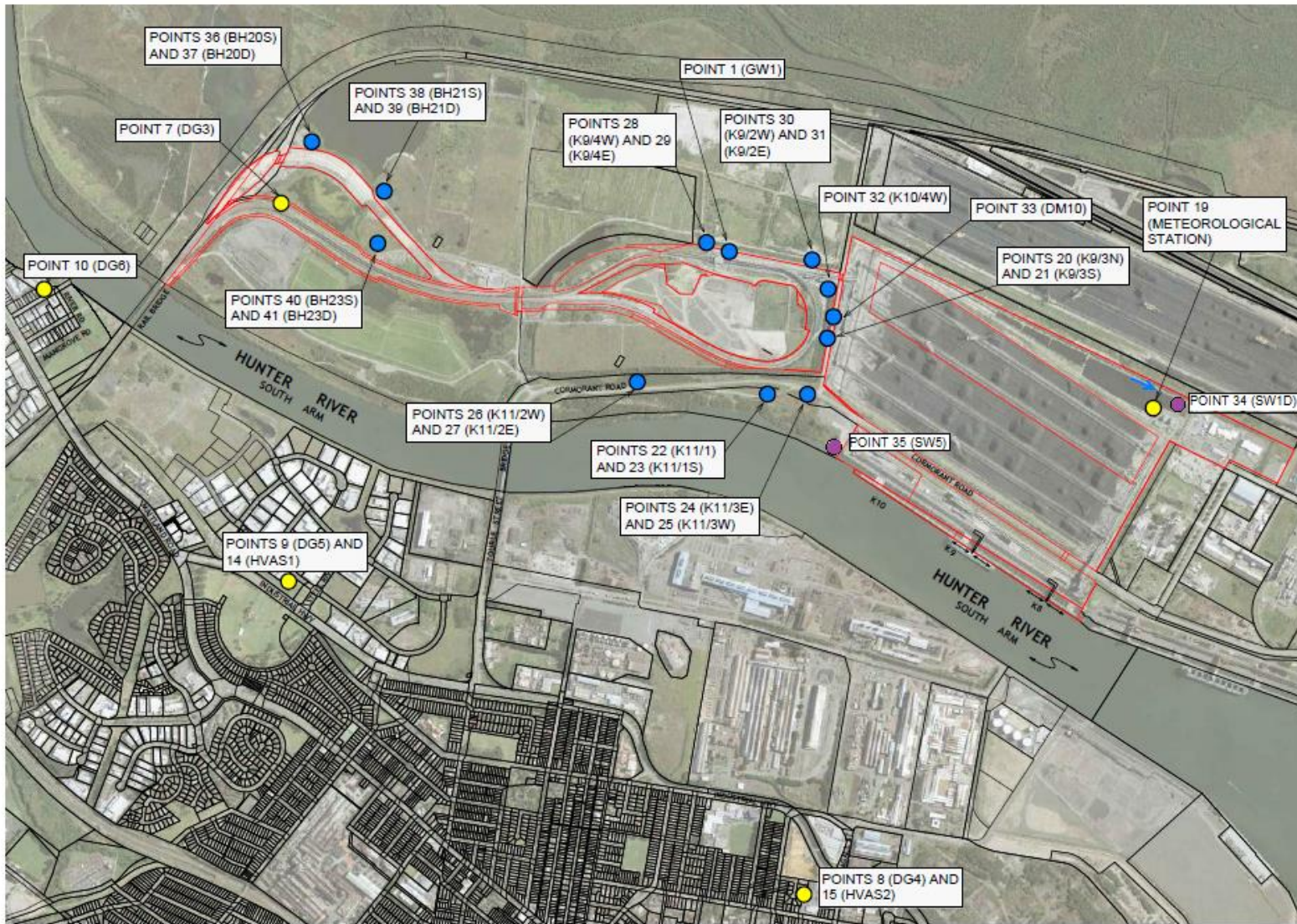


Figure 1: Groundwater, Surface Water and Additional Ambient Air Quality Monitoring Locations