

# 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:** 24 October 2022

**Date Published:** 28 October 2022

**Note:** On the 25<sup>th</sup> 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:** 10 August 2022 – 10 September 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)
<b>Depositional Dust</b>	0.4	0.4	0.6	1.9

## 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	
<b>02-Aug-22</b>	ND*	<b>02-Aug-22</b>	ND*	<b>02-Aug-22</b>	27	<b>02-Aug-22</b>	16	
<b>08-Aug-22</b>	ND*	<b>08-Aug-22</b>	ND*	<b>08-Aug-22</b>	18	<b>08-Aug-22</b>	10	
<b>14-Aug-22</b>	18	<b>14-Aug-22</b>	5	<b>14-Aug-22</b>	33	<b>14-Aug-22</b>	8	
<b>20-Aug-22</b>	29	<b>20-Aug-22</b>	11	<b>20-Aug-22</b>	15	<b>20-Aug-22</b>	14	
<b>26-Aug-22</b>	23	<b>26-Aug-22</b>	10	<b>26-Aug-22</b>	12	<b>26-Aug-22</b>	8	

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 sampling error

## 6 Monthly Groundwater Monitoring

Date Data Obtained: 13 September 2022

Groundwater Resampling: Point 23 (K11/1S)

Sample Date: 22 August 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)
TPH C10-14 Fraction	µg/L	50	<50	No*
TPH C29-36 Fraction	µg/L	180	170	Yes**

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

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

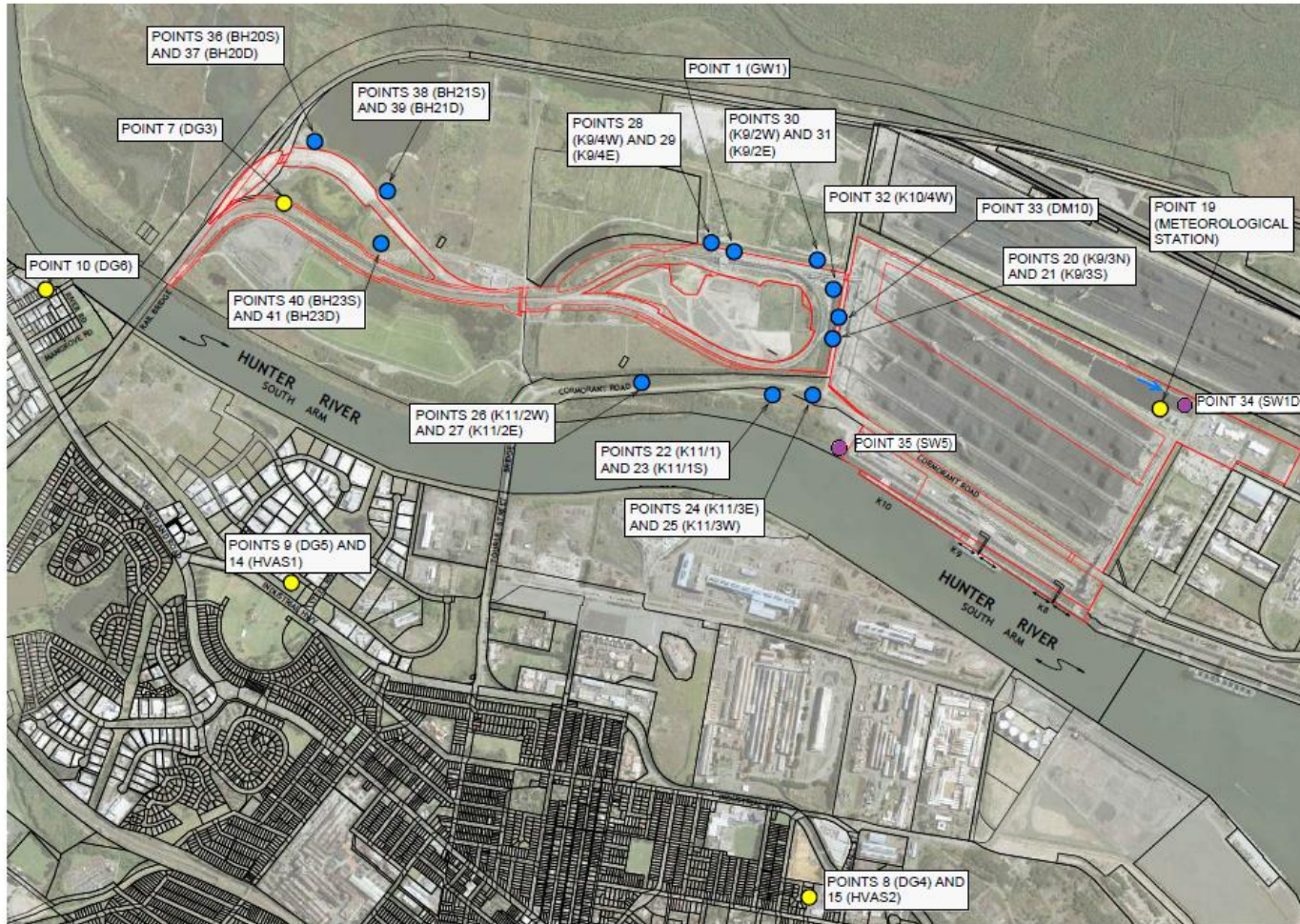


Figure 1: Groundwater, Surface Water and Additional Ambient Air Quality Monitoring Locations.