

# 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 Published:** 07 April 2020

**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 January 2020 – 7 February 2020

**Date Obtained:** 20 March 2020

**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)
<b>Depositional Dust</b>	1.6	1.0	1.6	1.8

## High Volume Air Sampling

**Date Obtained:** 20 March 2020

**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-Feb-20</b>	74	<b>02-Feb-20</b>	33	<b>02-Feb-20</b>	93*	<b>02-Feb-20</b>	34
<b>08-Feb-20</b>	37	<b>08-Feb-20</b>	22	<b>08-Feb-20</b>	57	<b>08-Feb-20</b>	27
<b>14-Feb-20</b>	34	<b>14-Feb-20</b>	18	<b>14-Feb-20</b>	36	<b>14-Feb-20</b>	22
<b>20-Feb-20</b>	50	<b>20-Feb-20</b>	23	<b>20-Feb-20</b>	33	<b>20-Feb-20</b>	17
<b>26-Feb-20</b>	23	<b>26-Feb-20</b>	9	<b>26-Feb-20</b>	62	<b>26-Feb-20</b>	23

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

\* Elevated result – the predominant wind direction on this day was from a NW direction

**Groundwater Resampling:** Point 21 (K9/3S)

**Sample Date:** 20 February 2020

**Date Obtained:** 20 March 2020

**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)
Manganese	mg/L	0.169	0.117	No*
Bromide	mg/L	4.52	2.58	No*

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

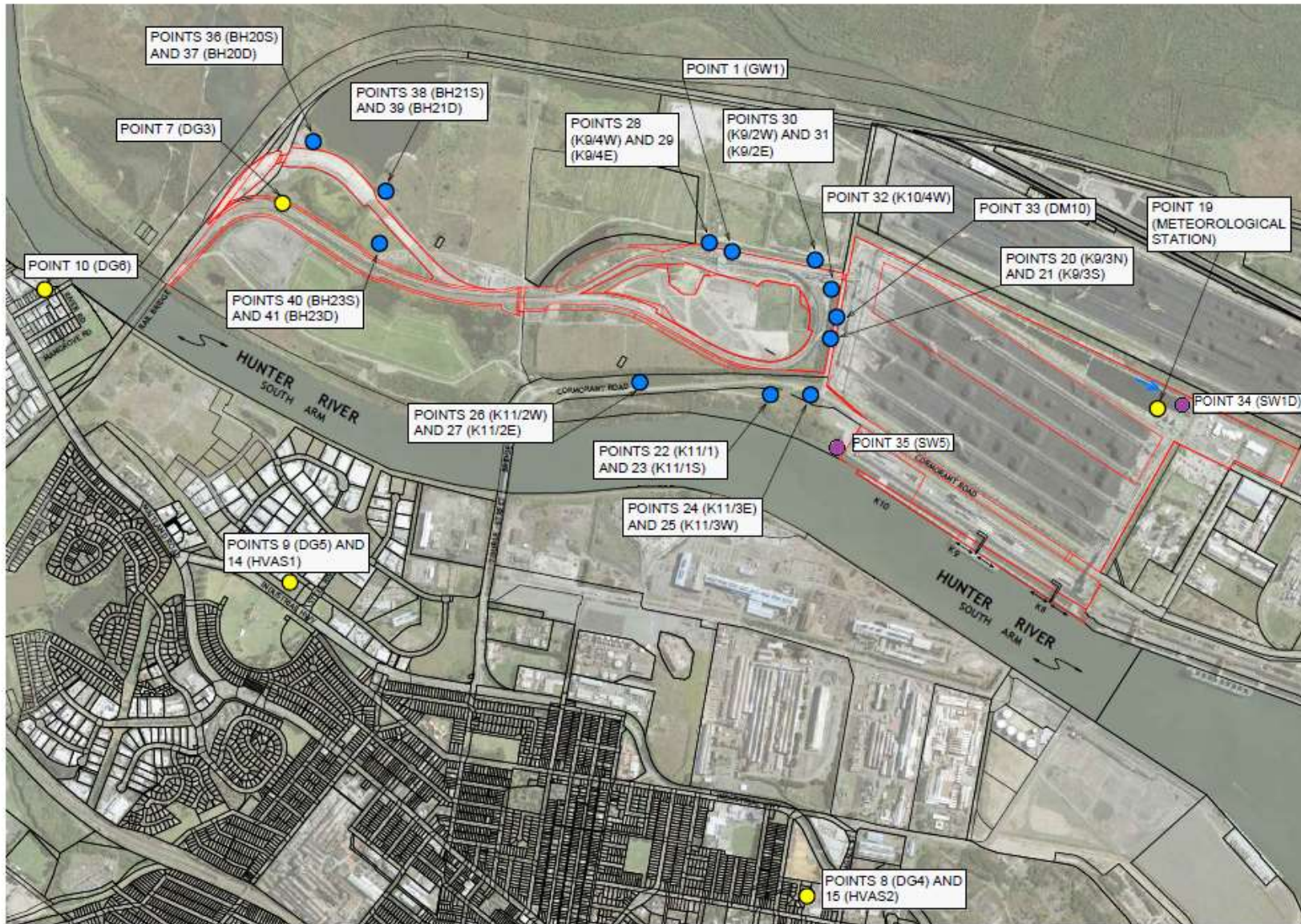


Figure 1: Groundwater, Surface Water and Additional Ambient Air Quality Monitoring Locations.