

# 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:** 15<sup>th</sup> January 2018

**Note:** On the 25<sup>th</sup> 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 monitor and publish ambient air quality data for these locations previously listed in EPL12693 for the interest of the public.

## Depositional Dust Monitoring

**Sample Period:** 2<sup>nd</sup> November 2018 – 4<sup>th</sup> December 2018

**Date Obtained:** 9<sup>th</sup> January 2019

**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>	1.3	1.4	1.2	2.9

## High Volume Air Sampling

**Date Obtained:** 9<sup>th</sup> January 2019

**Units of measure:** micrograms per cubic metre (µg/m<sup>3</sup>)

**Frequency:** Weekly

	Monitoring Point 14 - HVAS 1 (Steel River)				Monitoring Point 15 - HVAS 2 (Crebert Street)			
	TSP		PM10		TSP		PM10	
<b>03-Nov 18</b>	72	<b>03-Nov 18</b>	33	<b>03-Nov 18</b>	74	<b>03-Nov 18</b>	32	
<b>09-Nov 18</b>	43	<b>09-Nov 18</b>	21	<b>09-Nov 18</b>	34	<b>09-Nov 18</b>	17	
<b>15-Nov 18</b>	52	<b>15-Nov 18</b>	27	<b>15-Nov 18</b>	45	<b>15-Nov 18</b>	22	
<b>21-Nov 18</b>	84	<b>21-Nov 18</b>	47	<b>21-Nov 18</b>	93*	<b>21-Nov 18</b>	45	
<b>27-Nov 18</b>	56	<b>27-Nov 18</b>	34	<b>27-Nov 18</b>	72	<b>27-Nov 18</b>	30	

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 – A dust storm was observed in Newcastle on the 22<sup>nd</sup> November. It is likely that particulate concentrations were increasing in the 24 hours preceding the dust storm, contributing to the elevated concentrations on the 21<sup>st</sup> November.

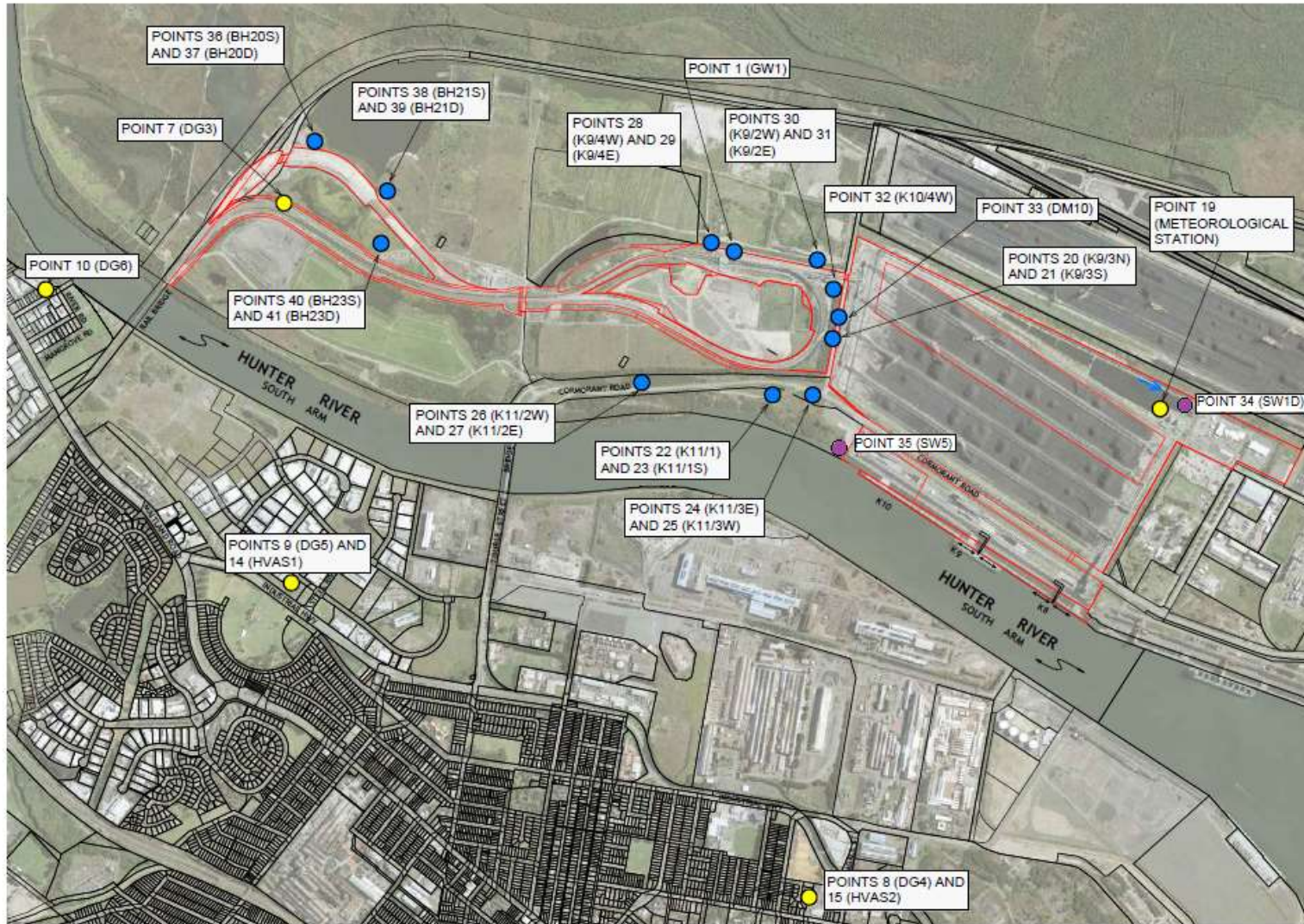


Figure 1: Groundwater, Surface Water and Additional Ambient Air Quality Monitoring Locations.