

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 March 2021

Date Published: 9 April 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: 10 February 2021 – 10 March 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	1.6	1.9	1.2	1.1

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	
02-Feb-21	27	02-Feb-21	15	02-Feb-21	26	02-Feb-21	16
08-Feb-21	35	08-Feb-21	16	08-Feb-21	30	08-Feb-21	17
14-Feb-21	33	14-Feb-21	18	14-Feb-21	36	14-Feb-21	22
20-Feb-21	ND	20-Feb-21	ND	20-Feb-21	21	20-Feb-21	12
26-Feb-21	32	26-Feb-21	17	26-Feb-21	44	26-Feb-21	22

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

ND – indicates no data due to sample contamination

6 Monthly Groundwater Monitoring

Groundwater Resampling: Point 40 (BH/23S)

Sample Date: 1 February 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)
pH	pH units	9.24	8.68	No*

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

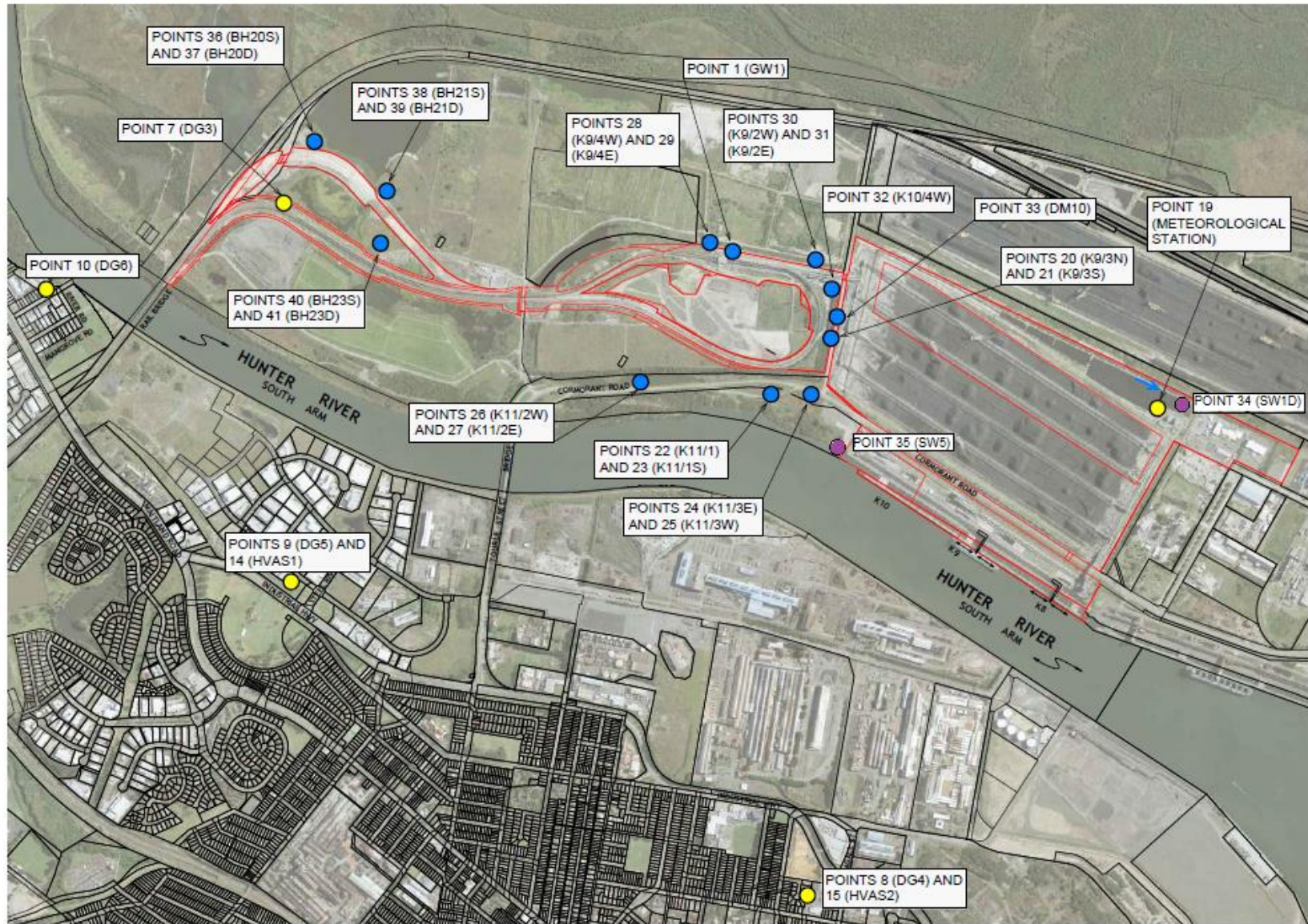


Figure 1: Groundwater, Surface Water and Additional Ambient Air Quality Monitoring Locations