

# 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:** 14 January 2022

**Date Published:** 1 February 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:** 12 November 2021 – 10 December 2021

**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	3.5	0.8	0.8	1

## 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	
5-Nov-21	56	5-Nov-21	16	6-Nov-21	31	6-Nov-21	16
11-Nov-21	45	11-Nov-21	16	11-Nov-21	24	11-Nov-21	10
17-Nov-21	42	17-Nov-21	15	17-Nov-21	28	17-Nov-21	14
23-Nov-21	29	23-Nov-21	10	23-Nov-21	22	23-Nov-21	11
29-Nov-21	50	29-Nov-21	22	29-Nov-21	38	29-Nov-21	24

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

### Discharge Water Quality Monitoring

Date Data Obtained: 14 January 2022 (November data) and 24 January 2022 (December data)

### Discharge Quality Monitoring – Point 34

Sample Dates: 26 November 2021 – 1 December 2021 (inclusive), 3 and 4 December 2021

Frequency Requirement: Monthly during discharge

Pollutant	Units of Measure	No. of times measured during discharge event	Min value	Mean value	Median value	Max value
Oil and Grease	mg/L	8	<5	<5	<5	<5
pH	pH units	8	7.3	7.9	7.9	8.3
Total Suspended Solids	mg/L	8	8	12	11	18

### Ambient Water Monitoring – Point 35

Sample Date: 26 November 2021 – 1 December 2021 (inclusive), 3 and 4 December 2021

Frequency Requirement: Samples collected on an outgoing/ebb tide when monitoring is required at Point 34

Pollutant	Units of Measure	No. of times measured during discharge event	Min value	Mean value	Median value	Max value
Oil and Grease	mg/L	8	<5	<5	<5	<5
pH	pH units	8	7.1	7.5	7.5	8.1
Total Suspended Solids	mg/L	8	27	191	123	643

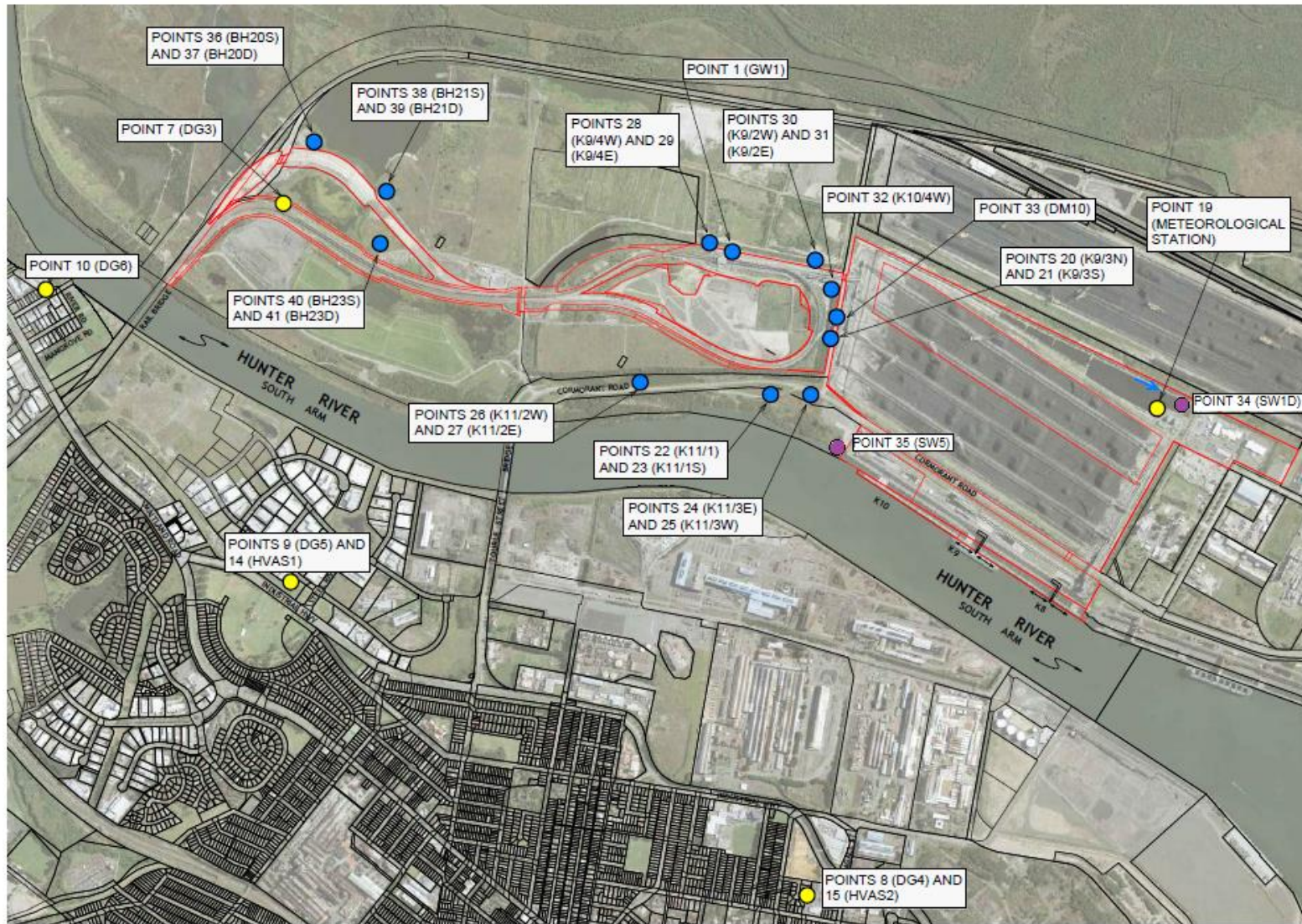


Figure 1: Groundwater, Surface Water and Additional Ambient Air Quality Monitoring Locations