

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: 8 July 2024

Date Published: 26 July 2024

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: 2 May 2024 – 3 June 2024

Units of Measure: Insoluble Solids (grams per square metre per month (g/m²/month))

Frequency: Monthly

	DG3 (Kooragang Island)	DG4 (Mayfield Sport Rec Club)	DG5 (Mayfield West)	DG6 (Sandgate)
Depositional Dust	0.3	1.0	0.5	1.1

High Volume Air Sampling

Units of measure: Micrograms per cubic metre (µg/m³)

Frequency: Weekly

	HVAS 1 (Steel River, Mayfield West)				HVAS 2 (Crebert Street, Mayfield)			
	TSP		PM10		TSP		PM10	
06-May-24	30.9	06-May-24	15.3	05-May-24	10	05-May-24	5	
12-May-24	17.7	12-May-24	9.4	11-May-24	18	11-May-24	5	
18-May-24	18.9	18-May-24	8.7	17-May-24	36	17-May-24	21	
24-May-24	39.7	24-May-24	20.7	23-May-24	31	23-May-24	18	
30-May-24	44.9	30-May-24	23.0	29-May-24	47	29-May-24	25	

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: 8 July 2024

Discharge Quality Monitoring – Point 34
Sample Dates: 1-25, May 2024
Frequency Requirement: Daily 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	25	<5	<5	<5	<5
pH	pH units	25	5.7	7.57	7.84	8.66
Total Suspended Solids	mg/L	25	5	28.6	26.5	65.9

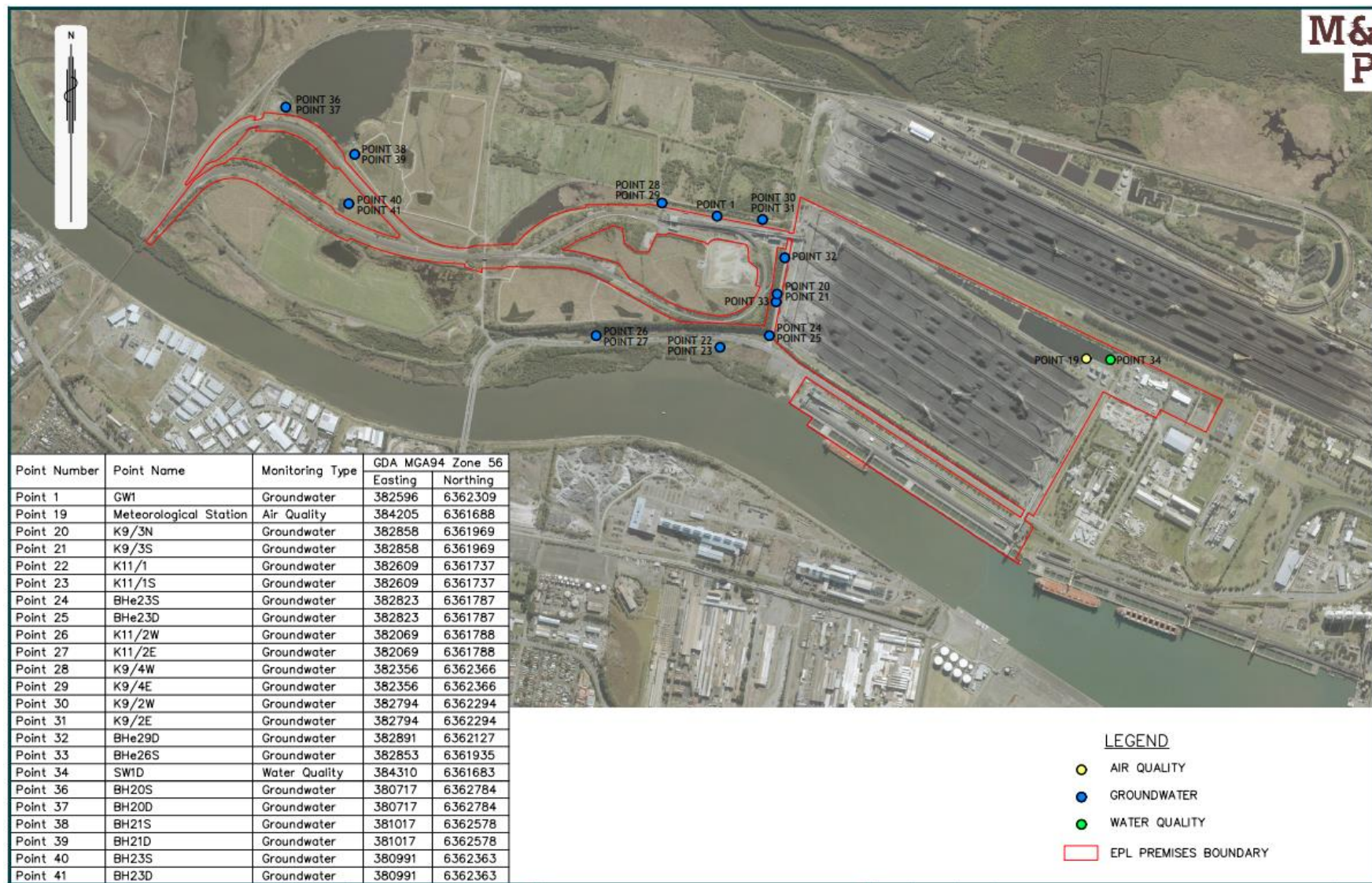


Figure 1: Groundwater, Surface Water and Additional Ambient Air Quality Monitoring Locations.