

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: 6 June 2024

Date Published: 6 June 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: 3 April 2024 – 2 May 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	0.7	0.8	0.8	1.2

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-Apr-24	33.5	06-Apr-24	14.9	05-Jul-22	32	05-Jul-22	11	
12-Apr-24	40.7	12-Apr-24	25.8	11-Jul-22	24	11-Jul-22	16	
18-Apr-24	24.5	18-Apr-24	13.3	17-Jul-22	48	17-Jul-22	28	
24-Apr-24	36.8	24-Apr-24	17.2	23-Jul-22	31	23-Jul-22	18	
30-Apr-24	23.1	30-Apr-24	12.5	29-Jul-22	38	29-Jul-22	19	

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: 30 April 2024

Discharge Quality Monitoring – Point 34
Sample Dates: 7-11, 21-28 and 30 April 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	14	<5	<5	<5	<5
pH	pH units	14	6.28	7.01	7.12	7.72
Total Suspended Solids	mg/L	14	5	26.5	15.5	76

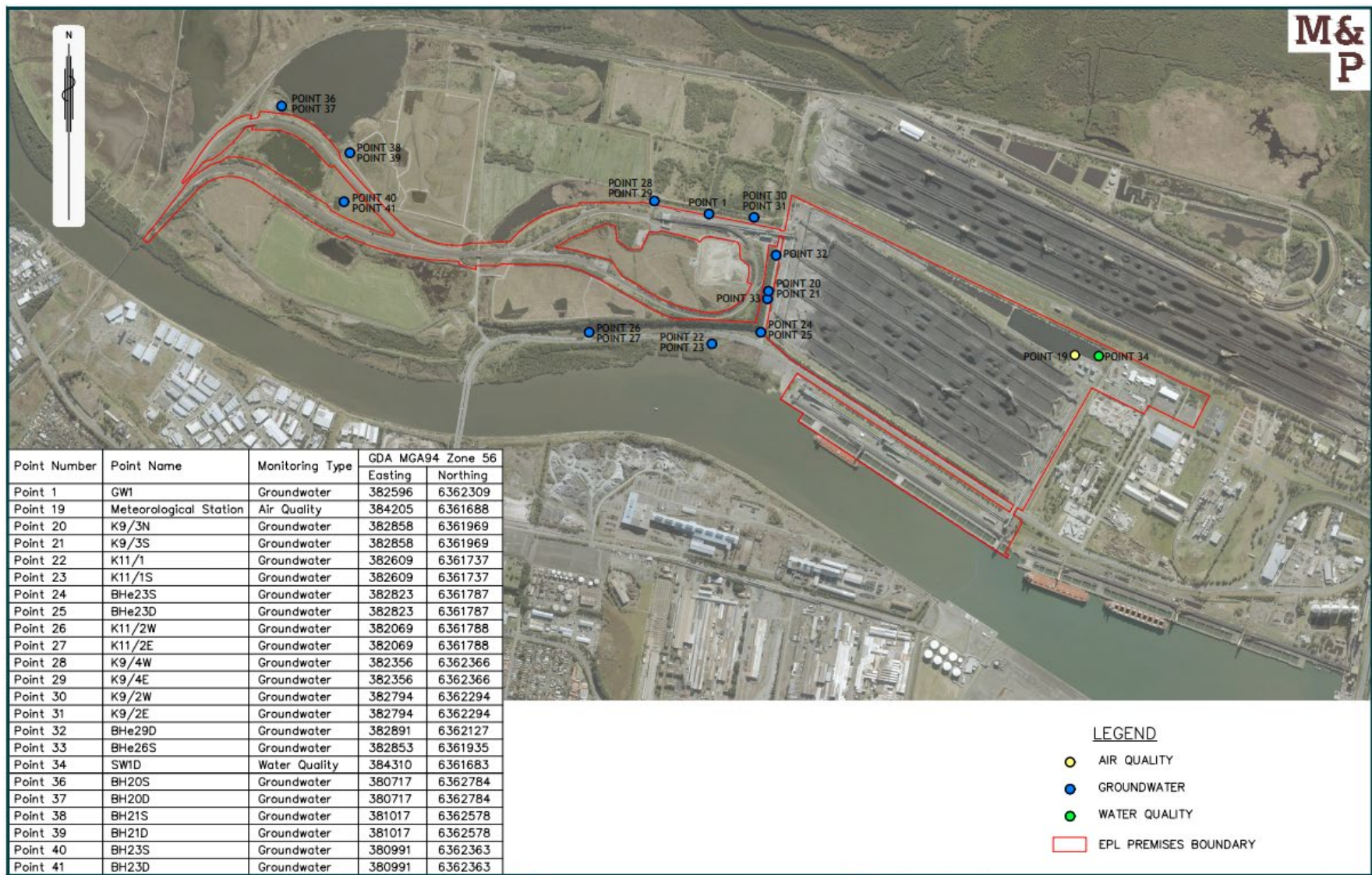


Figure 1: Groundwater, Surface Water and Additional Ambient Air Quality Monitoring Locations.