

# 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 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:** 3 April 2024 – 2 May 2024

**Units of Measure:** Insoluble Solids (grams per square metre per month (g/m<sup>2</sup>/month))

**Frequency:** Monthly

	DG3 (Kooragang Island)	DG4 (Mayfield Sport Rec Club)	DG5 (Mayfield West)	DG6 (Sandgate)
<b>Depositional Dust</b>	0.7	0.8	0.8	1.2

## High Volume Air Sampling

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

**Frequency:** Weekly

	HVAS 1 (Steel River, Mayfield West)			HVAS 2 (Crebert Street, Mayfield)			
	TSP	PM10		TSP		PM10	
<b>06-Apr-24</b>	33.5	<b>06-Apr-24</b>	14.9	<b>05-Jul-22</b>	32	<b>05-Jul-22</b>	11
<b>12-Apr-24</b>	40.7	<b>12-Apr-24</b>	25.8	<b>11-Jul-22</b>	24	<b>11-Jul-22</b>	16
<b>18-Apr-24</b>	24.5	<b>18-Apr-24</b>	13.3	<b>17-Jul-22</b>	48	<b>17-Jul-22</b>	28
<b>24-Apr-24</b>	36.8	<b>24-Apr-24</b>	17.2	<b>23-Jul-22</b>	31	<b>23-Jul-22</b>	18
<b>30-Apr-24</b>	23.1	<b>30-Apr-24</b>	12.5	<b>29-Jul-22</b>	38	<b>29-Jul-22</b>	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

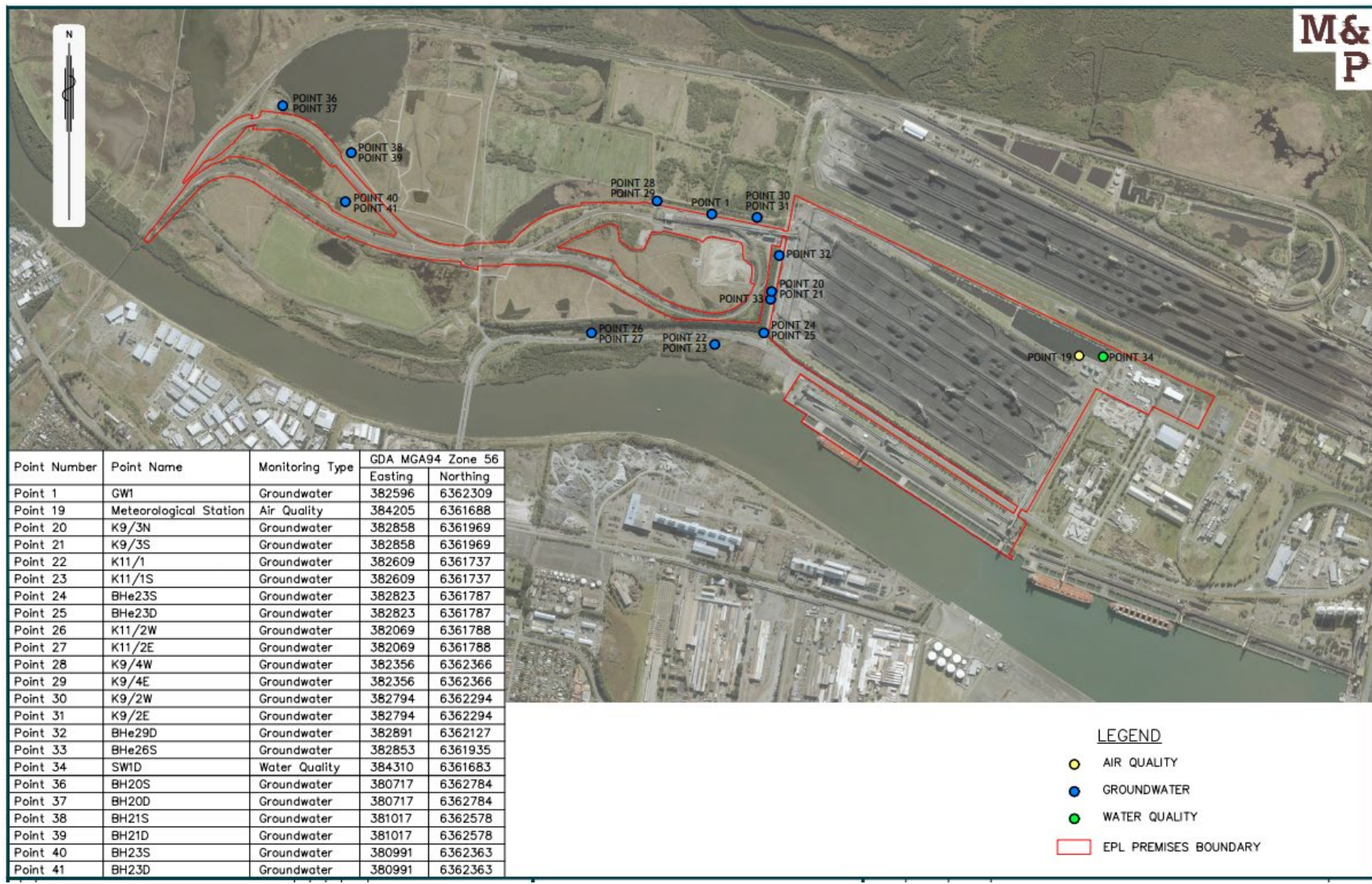


Figure 1: Groundwater, Surface Water and Additional Ambient Air Quality Monitoring Locations.