

# Environment Protection Licence Monitoring Data - Water



LAND RESOURCE

**Project Name:** Sydney Metro West - Western Tunnelling Package  
**Monitoring Period:** July 2024  
**EPL Number:** 21676  
**Licensee:** Gamuda Berhad  
**Premise Address:** Sydney Metro West - Western Tunnelling Package  
**Public Register:** <https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21676&id=21676&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued>

Monitoring Point	Sample date	Ammonia	Arsenic (total)	Cadmium	Chromium (VI)	Cobalt	Copper	Electric conductivity	Iron	Lead	Manganese	Mercury	Nickel	Nitrate + Nitrite	Nitrogen (total)	Oil and grease	Oxidised nitrogen	PFOS	pH	Phosphorus (total)	Turbidity	Zinc
		µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µS/cm	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	Visibility	µg/l	µg/l	pH	µg/l	NTU
Point 4	23/07/2024	90	<1	<1	5	<1	<2	13,000	<10	<1	1900	0.1	7	2400	1200	None visible	1200	0.13	6.5-8.5	90	20	12

Monitoring Point	Sample date	Ammonia	Arsenic	Cadmium	Chromium (hexavalent)	Chromium (trivalent)	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Nickel	Nitrate + nitrite (oxidised nitrogen)	Nitrogen (total)	Oil and grease	PFOS	PFOA	pH (in-field at sampling)	Phosphorous (total)	TPH C10-C36 Fraction	TPH C6-C9 Fraction	Turbidity (lab)	Turbidity (in-field at sampling)	Zinc
		µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	Visible	µg/l	µg/l	pH	µg/l	µg/l	µg/l	NTU	NTU	µg/l
Point 5	2/07/2024	<5	<1	<0.1	<1	<4	<1	1	<10	<1	<5	<0.05	<1	<5	<100	None Visible	<0.0002	<0.0002	6.71	<10	<100	21	<0.1	0	5
Point 5	29/07/2024	10	<1	<0.1	<1	<1	<1	<1	<5	<1	<1	<0.1	<1	<5	60	None Visible	<0.002	<0.002	N/A	40	<100	<10	<0.5	N/A	<5

Monitoring Point	Sample date	Total Suspended Solids	pH	Oil and grease
		mg/L	pH	Visible
Point 1	9/07/2024	11	6.51	None visible
Point 1	30/07/2024	18	7.96	None visible