

# Environment Protection Licence Monitoring Data - Water



LAND RESOURCE

**Project Name:** Sydney Metro West - Western Tunnelling Package  
**Monitoring Period:** May 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	µg/l	µg/l	µg/l	pH	µg/l	NTU
Point 4	2/05/2024	160	<1	<0.1	7	<1	<1	14000	<10	<1	<5	<0.05	<1	230	900	None visible	200	<0.01	6.7	30	0.9	1
Point 4	23/05/2024	280	<1	<0.1	7	<1	<1	7200	<10	<1	6	<0.05	<1	340	900	None visible	300	<0.01	6.8	30	<0.1	5

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	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	NTU	NTU
Point 5	6/05/2024	300	<1	<0.1	<1	<4	<1	<1	10	<1	57	<0.05	6	100	400	None Visible	<0.0002	<0.0002	6.51	20	<50	<10	1.1	0	2
Point 5	20/05/2024	57	3	<0.1	<1	<4	<1	<1	<10	<1	10	<0.05	8	200	300	None Visible	<0.0002	<0.0002	7.85	50	<50	<10	<0.1	1.2	<1

Monitoring Point	Sample date	Total Suspended Solids	pH	Oil and grease
		mg/L	pH	Visible
Point 1	2/05/2024	9	6.54	None visible
Point 1	14/05/2024	20	6.53	None visible
Point 1	17/05/2024	26	6.62	None visible
Point 1	21/05/2024	38	6.53	None visible