

Environment Protection Licence Monitoring Data - Water



LAND RESOURCE

Project Name: Sydney Metro West - Western Tunnelling Package
Monitoring Period: August 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	pH	µg/l	NTU	µg/l
Point 4	19/08/2024	130	<1	<0.1	<1	<1	<1	17000	<5	<1	1900	0.1	<1	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	µg/l	µg/l	µg/l	pH	µg/l	µg/l	µg/l	NTU	NTU	µg/l
Point 5	15/08/2024	130	<1	<0.1	1	<1	<1	1	<5	<1	<1	<0.1	<1	8	150	None Visible	<0.002	<0.002	NA	<20	<100	<10	<0.5	NA	<5
Point 3	26/08/2024	110	<1	<0.1	<1	<1	<1	<1	<5	<1	<1	<0.1	<1	72	220	None Visible	<0.002	<0.002	8.28	<20	<100	<10	<0.5	1.1	<5

Monitoring Point	Sample date	Total Suspended Solids	pH	Oil and grease
		mg/L	pH	Visible
Point 1	13/08/2024	<5	7.92	None visible
Point 1	13/08/2024	<5	7.12	None visible