

Environment Protection Licence Monitoring Data - Water



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

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 (NTU lab)	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	µg/l
Point 5	17/12/2024	30	<1	<0.1	<1	<5	<1	<1	<5	<1	<1	<0.1	<1	<5	<50	None Visible	<0.002	<0.002	7.96	<20	<100	<10	0	<5

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	µS/cm	µg/l	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	17/12/2024	180	<1	<0.1	<1	<1	<1	11,000	10	<1	<5	<0.05	<1	960	1,200	None visible	980	<0.01	6.9	10	0.6	1

Monitoring Point	Sample date	Total Suspended Solids	pH	Oil and grease
		mg/L	pH	Visible
Point 1	4/12/2024	11	6.66	None visible
Point 1	10/12/2024	28	7.40	None visible
Point 1	17/12/2024	13	8.01	None visible