

Environment Protection Licence Monitoring Data - Water



Project Name: Sydney Metro West - Western Tunnelling Package (Westmead Permanent WTP)
Monitoring Period: January 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?instdid=21676&id=21676&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued>

Monitoring Point	Sampling date	Ammonia	Arsenic (total)	Benzene	Cadmium	Calcium	Chromium (Hexavalent VI)	Chromium (Trivalent)	Cobalt	Copper	Electrical conductivity (lab)	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Nitrate	Nitrate + Nitrite (Oxidised Nitrogen)	Nitrogen (total)	Oil and grease	PFOS	pH (field)	Phosphorus (total)	Sodium	TPH C10-C36 Fraction	TPH C6 - C9 Fraction	Turbidity	Zinc
Point 3	8/01/2024	46	<1	<1	<0.1	600	<1	<5	<1	1	6	<10	<1	<500	<5	<0.05	<1	50	60	500	Not visible	<0.01	7.82	<10	9700	<50	<10	0.6	3
Point 3	9/01/2024	29	<1	<1	<0.1	500	<1	<5	<1	<1	47	<10	<1	<500	<5	<0.05	<1	40	40	400	Not visible	<0.01	8.09	<10	7400	<50	<10	0.4	4
Point 3	10/01/2024	25	<1	<1	<0.1	<500	<1	<5	<1	<1	35	<10	<1	<500	<5	<0.05	<1	30	40	400	Not visible	<0.01	8.17	10	6000	<50	<10	3.2	2
Point 3	15/01/2024	60	<1	<1	<0.1	500	<1	<5	<1	<1	41	<10	<1	<500	<5	<0.05	<1	40	40	400	Not visible	<0.01	7.85	<10	7400	<50	<10	0.1	<1

Monitoring Point	Sample date	Ammonia	Arsenic (total)	Cadmium	Chromium (VI)	Cobalt	Copper	Electric conductivity	Iron	Lead	Manganese	Mercury	Nickel	Nitrate	Nitrogen (total)	Oil and grease	Oxidised nitrogen	PFOS	pH	Phosphorus (total)	Turbidity	Zinc
Point 4	8/01/2024	-	-	-	30	-	-	-	-	-	-	-	-	-	-	None visible	-	-	-	-	-	-
Point 4	10/01/2024	-	-	-	12	-	-	-	-	-	-	-	-	-	-	None visible	-	-	-	-	-	-
Point 4	18/01/2024	110.00	1	<0.1	<5	<1	1	3600	10	<1	<5	<0.05	<1	230	1700	None visible	200	0.01	7.4	50	1.7	2
Point 4	25/01/2024	340.00	-	-	-	-	-	-	-	-	-	-	-	520	900	None visible	530	-	-	<50	-	-

Monitoring Point	Sample date	Total Suspended Solids	pH	Oil and grease
		mg/L	pH	Visible
Point 1	3/01/2024	5.352	8.26	None visible
Point 1	25/01/2024	3.65814	6.91	None visible