

Environment Protection Licence Monitoring Data - Water



Project Name: Sydney Metro West - Western Tunnelling Package (Rosehill Permanent WTP)
Monitoring Period: March 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=PEO%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	Nitrogen (total)	Oil and grease	Oxidised nitrogen	PFOS	pH	Phosphorus (total)	Turbidity	Zinc
Point 4	19/03/2024	340.00	<1	<0.1	3	<1	<1	11000	<10	<1	<5	<0.05	<1	270	900	None visible	300	<0.01	7.9	60	2.1	2
Point 4	20/03/2024	44.00	<1	<0.1	2	<1	<1	13000	<10	<1	<5	<0.05	<1	14	600	None visible	300	<0.01	7.7	60	1.2	<1
Point 4	21/03/2024	210.00	<1	<0.1	10	<1	<1	12000	<10	<1	<5	<0.05	<1	330	800	None visible	300	<0.01	7.4	30	0.9	<1

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 (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	µg/l
Point 5	5/03/2024	180	<1	<0.1	<1	<5	1	<1	<10	<1	140	<0.05	13	300	500	Not visible	<0.0002	0.00019	6.97	9	50	9	1.2	2
Point 5	6/03/2024	280	<1	<0.1	<1	<5	1	<1	<10	<1	100	<0.05	11	200	500	Not visible	<0.0002	<0.0002	7.3	20	<50	9	3.7	3
Point 5	8/03/2024	190	<1	<0.1	<1	<5	<1	<1	<10	<1	67	<0.05	8	90	300	Not visible	<0.0002	<0.0002	7.71	20	<50	9	0	4
Point 5	27/03/2024	74	2	<0.1	<1	<4	<1	<1	<10	<1	10	<0.05	2	100	200	Not visible	<0.0002	<0.01	7.79	90	<50	9	0.7	6

Monitoring Point	Sample date	Total Suspended Solids	pH	Oil and grease
		mg/L	pH	Visible
Point 1	19/03/2024	7.3685	7.48	None visible
Point 1	21/03/2024	2.08527	6.52	None visible