

Environment Protection Licence Monitoring Data - Water



LAND RESOURCE

Project Name: Sydney Metro West - Western Tunnelling Package
Monitoring Period: September 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 | 18/09/2024 | 210 | <1 | <1 | 6 | <1 | <1 | 18000 | <10 | <1 | <5 | <0.05 | <1 | 400 | 800 | None visible | 550 | <0.01 | 7.2 | 10 | <0.1 | <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-C38 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 | pH | µg/l | µg/l | µg/l | NTU | NTU |
| Point 5 | 23/09/2024 | 530 | <1 | <0.1 | <1 | <1 | <1 | <1 | 6 | <1 | <1 | <0.1 | <1 | 280 | 1000 | None Visible | <0.002 | <0.002 | 7.88 | <20 | <100 | <10 | <0.5 | 1.8 | <5 |