

Order 1823
 Project EPA Licence

Sample Name SE235316.001
 Description EPL #3
 Sample Date 8/8/2022
 Matrix Water

| Job Number | Method Name | Analyte Name | Units | Reporting Limit | Result |
|------------|--|---------------------|---------|-----------------|-------------|
| SE235316 | Total Cyanide in water by Discrete Analyser | Total Cyanide | mg/L | 0.004 | <0.004 |
| SE235316 | Anions by Ion Chromatography in Water | Fluoride | mg/L | 0.1 | <0.1 |
| SE235316 | Anions by Ion Chromatography in Water | Sulfate, SO4 | mg/L | 1 | 12 |
| SE235316 | pH in water | pH** | No unit | 0 | 6.7 |
| SE235316 | Conductivity and TDS by Calculation - Water | Conductivity @ 25 C | µS/cm | 2 | 97 |
| SE235316 | Total and Volatile Suspended Solids (TSS / VSS) | Total Suspended Sol | mg/L | 5 | 7 |
| SE235316 | BOD5 | Biochemical Oxygen | mg/L | 5 | <5 |
| SE235316 | COD in Water | Chemical Oxygen De | mg/L | 10 | 37 |
| SE235316 | Oil and Grease in Water | Oil and Grease | mg/L | 5 | <5 |
| SE235316 | Methylene Blue Active Substances (MBAS) in Water | Anionic Surfactants | mg/L | 0.1 | <0.1 |
| SE235316 | Trace Metals (Dissolved) in Water by ICPMS | Aluminium, Al | µg/L | 5 | 3100 |
| SE235316 | Trace Metals (Dissolved) in Water by ICPMS | Arsenic, As | µg/L | 1 | <1 |
| SE235316 | Trace Metals (Dissolved) in Water by ICPMS | Cadmium, Cd | µg/L | 0.1 | <0.1 |
| SE235316 | Trace Metals (Dissolved) in Water by ICPMS | Chromium, Cr | µg/L | 1 | 3 |
| SE235316 | Trace Metals (Dissolved) in Water by ICPMS | Cobalt, Co | µg/L | 1 | <1 |
| SE235316 | Trace Metals (Dissolved) in Water by ICPMS | Copper, Cu | µg/L | 1 | 3 |
| SE235316 | Trace Metals (Dissolved) in Water by ICPMS | Lead, Pb | µg/L | 1 | <1 |
| SE235316 | Trace Metals (Dissolved) in Water by ICPMS | Manganese, Mn | µg/L | 1 | 5 |
| SE235316 | Trace Metals (Dissolved) in Water by ICPMS | Molybdenum, Mo | µg/L | 1 | <1 |
| SE235316 | Trace Metals (Dissolved) in Water by ICPMS | Nickel, Ni | µg/L | 1 | 2 |
| SE235316 | Trace Metals (Dissolved) in Water by ICPMS | Selenium, Se | µg/L | 1 | <1 |
| SE235316 | Trace Metals (Dissolved) in Water by ICPMS | Zinc, Zn | µg/L | 5 | <5 |
| SE235316 | Mercury (dissolved) in Water | Mercury | mg/L | 0.0001 | <0.0001 |
| SE235316 | Trace Metals (Total) in Water by ICPMS | Total Aluminium | µg/L | 5 | 1800 |
| SE235316 | Trace Metals (Total) in Water by ICPMS | Total Arsenic | µg/L | 1 | <1 |
| SE235316 | Trace Metals (Total) in Water by ICPMS | Total Cadmium | µg/L | 0.1 | <0.1 |
| SE235316 | Trace Metals (Total) in Water by ICPMS | Total Chromium | µg/L | 1 | 3 |
| SE235316 | Trace Metals (Total) in Water by ICPMS | Total Cobalt | µg/L | 1 | <1 |
| SE235316 | Trace Metals (Total) in Water by ICPMS | Total Copper | µg/L | 1 | 3 |
| SE235316 | Trace Metals (Total) in Water by ICPMS | Total Lead | µg/L | 1 | <1 |
| SE235316 | Trace Metals (Total) in Water by ICPMS | Total Manganese | µg/L | 1 | 11 |
| SE235316 | Trace Metals (Total) in Water by ICPMS | Total Molybdenum | µg/L | 1 | <1 |
| SE235316 | Trace Metals (Total) in Water by ICPMS | Total Nickel | µg/L | 1 | 2 |
| SE235316 | Trace Metals (Total) in Water by ICPMS | Total Selenium | µg/L | 1 | <1 |
| SE235316 | Trace Metals (Total) in Water by ICPMS | Total Zinc | µg/L | 5 | <5 |
| SE235316 | Mercury (total) in Water | Total Mercury | mg/L | 0.0001 | <0.0001 |