

Annex F6

Effluent Quality Monitoring Results

Table F6.1 Effluent Monitoring Results

| | | 7 Oct 22 |
|---------------------------------|----------------|----------|
| On-site Measurements | | |
| Temperature | °C | 35.3 |
| pH Value | pH Unit | 8.2 |
| Volume Discharged | m ³ | 1,124 |
| Laboratory Analysis | | |
| Suspended Solids (SS) | mg/L | 49.0 |
| Alkalinity | mg/L | 1070 |
| Ammoniacal-nitrogen | mg/L | 0.44 |
| Chloride | mg/L | 1220 |
| Nitrite-nitrogen | mg/L | 0.07 |
| Phosphate | mg/L | 2.45 |
| Sulphate | mg/L | 385 |
| Total Nitrogen | mg/L | 101.0 |
| Nitrate-nitrogen | mg/L | 65.4 |
| Total Inorganic Nitrogen | mg/L | 65.91 |
| Biochemical Oxygen Demand (BOD) | mg/L | 8 |
| Chemical Oxygen Demand (COD) | mg/L | 484 |
| Oil & Grease | mg/L | <5 |
| Total Organic Carbon (TOC) | mg/L | 205 |
| Boron | µg/L | 3400 |
| Calcium | mg/L | 66.0 |
| Iron | mg/L | 0.73 |
| Magnesium | mg/L | 26.4 |
| Potassium | mg/L | 529 |
| Cadmium | µg/L | <1.0 |
| Chromium | µg/L | 74 |
| Copper | µg/L | <10 |
| Nickel | µg/L | 74 |
| Zinc | µg/L | 100 |