



ANNEX F6

EFFLUENT QUALITY MONITORING
RESULTS

TABLE F6.1 EFFLUENT MONITORING RESULTS

| Date | | 9 Jan 25 |
|---------------------------------|----------------|-----------------|
| On-site Measurements | | |
| Temperature | °C | 26.5 |
| pH Value | pH Unit | 8.3 |
| Volume Discharged | m ³ | 1,003 |
| Laboratory Analysis | | |
| Suspended Solids (SS) | mg/L | 20.5 |
| Alkalinity | mg/L | 2390 |
| Ammoniacal-nitrogen | mg/L | 0.79 |
| Chloride | mg/L | 2290 |
| Nitrite-nitrogen | mg/L | <0.10 |
| Phosphate | mg/L | 5.65 |
| Sulphate | mg/L | 178 |
| Total Nitrogen | mg/L | 110 |
| Nitrate-nitrogen | mg/L | 54.2 |
| Total Inorganic Nitrogen | mg/L | 54.99 |
| Biochemical Oxygen Demand (BOD) | mg/L | 12 |
| Chemical Oxygen Demand (COD) | mg/L | 916 |
| Oil & Grease | mg/L | <5 |
| Total Organic Carbon (TOC) | mg/L | 356 |
| Boron | µg/L | 6540 |
| Calcium | mg/L | 40.6 |
| Iron | mg/L | 2.05 |
| Magnesium | mg/L | 36.4 |
| Potassium | mg/L | 862 |
| Cadmium | µg/L | <1.0 |
| Chromium | µg/L | 144 |
| Copper | µg/L | <10 |
| Nickel | µg/L | 129 |
| Zinc | µg/L | 28 |