



ANNEX F6

EFFLUENT QUALITY MONITORING
RESULTS

TABLE F6.1 EFFLUENT MONITORING RESULTS

| Date | | 4 Sep 24 |
|---------------------------------|----------------|-----------------|
| On-site Measurements | | |
| Temperature | °C | 35.3 |
| pH Value | pH Unit | 8.5 |
| Volume Discharged | m ³ | 1,041 |
| Laboratory Analysis | | |
| Suspended Solids (SS) | mg/L | 20.7 |
| Alkalinity | mg/L | 2060 |
| Ammoniacal-nitrogen | mg/L | 1.28 |
| Chloride | mg/L | 2090 |
| Nitrite-nitrogen | mg/L | 0.13 |
| Phosphate | mg/L | 4.75 |
| Sulphate | mg/L | 216 |
| Total Nitrogen | mg/L | 84.7 |
| Nitrate-nitrogen | mg/L | 40.5 |
| Total Inorganic Nitrogen | mg/L | 41.91 |
| Biochemical Oxygen Demand (BOD) | mg/L | 8 |
| Chemical Oxygen Demand (COD) | mg/L | 693 |
| Oil & Grease | mg/L | <5 |
| Total Organic Carbon (TOC) | mg/L | 266 |
| Boron | µg/L | 5620 |
| Calcium | mg/L | 38.1 |
| Iron | mg/L | 1.6 |
| Magnesium | mg/L | 40.4 |
| Potassium | mg/L | 806 |
| Cadmium | µg/L | <1.0 |
| Chromium | µg/L | 113 |
| Copper | µg/L | <10 |
| Nickel | µg/L | 110 |
| Zinc | µg/L | 54 |