



ANNEX F6

EFFLUENT QUALITY MONITORING  
RESULTS

**TABLE F6.1 EFFLUENT MONITORING RESULTS**

| <b>Date</b>                     |                | <b>15 Aug 24</b> |
|---------------------------------|----------------|------------------|
| <b>On-site Measurements</b>     |                |                  |
| Temperature                     | °C             | 29.7             |
| pH Value                        | pH Unit        | 8.5              |
| Volume Discharged               | m <sup>3</sup> | 1,293            |
| <b>Laboratory Analysis</b>      |                |                  |
| Suspended Solids (SS)           | mg/L           | 26.5             |
| Alkalinity                      | mg/L           | 2000             |
| Ammoniacal-nitrogen             | mg/L           | 0.24             |
| Chloride                        | mg/L           | 1830             |
| Nitrite-nitrogen                | mg/L           | 0.5              |
| Phosphate                       | mg/L           | 7.2              |
| Sulphate                        | mg/L           | 164              |
| Total Nitrogen                  | mg/L           | 80.3             |
| Nitrate-nitrogen                | mg/L           | 35.8             |
| Total Inorganic Nitrogen        | mg/L           | 36.54            |
| Biochemical Oxygen Demand (BOD) | mg/L           | 7                |
| Chemical Oxygen Demand (COD)    | mg/L           | 872              |
| Oil & Grease                    | mg/L           | <5               |
| Total Organic Carbon (TOC)      | mg/L           | 330              |
| Boron                           | µg/L           | 5120             |
| Calcium                         | mg/L           | 24.2             |
| Iron                            | mg/L           | 1.33             |
| Magnesium                       | mg/L           | 29.9             |
| Potassium                       | mg/L           | 641              |
| Cadmium                         | µg/L           | <1.0             |
| Chromium                        | µg/L           | 97               |
| Copper                          | µg/L           | <10              |
| Nickel                          | µg/L           | 117              |
| Zinc                            | µg/L           | 62               |