



ANNEX F6

EFFLUENT QUALITY MONITORING
RESULTS

TABLE F6.1 EFFLUENT MONITORING RESULTS

Date		6 Nov 25
On-site Measurements		
Temperature	°C	31.1
pH Value	pH Unit	8.2
Volume Discharged	m ³	1055
Laboratory Analysis		
Suspended Solids (SS)	mg/L	16.7
Alkalinity	mg/L	1910
Ammoniacal-nitrogen	mg/L	0.48
Chloride	mg/L	1630
Nitrite-nitrogen	mg/L	0.3
Phosphate	mg/L	1.64
Sulphate	mg/L	122
Total Nitrogen	mg/L	71.5
Nitrate-nitrogen	mg/L	27.6
Total Inorganic Nitrogen	mg/L	28.38
Biochemical Oxygen Demand (BOD)	mg/L	9
Chemical Oxygen Demand (COD)	mg/L	880
Oil & Grease	mg/L	<5
Total Organic Carbon (TOC)	mg/L	238
Boron	µg/L	4810
Calcium	mg/L	40.6
Iron	mg/L	1.15
Magnesium	mg/L	39.9
Potassium	mg/L	612
Cadmium	µg/L	<1.0
Chromium	µg/L	90
Copper	µg/L	<10
Nickel	µg/L	92
Zinc	µg/L	35