



ANNEX F6

EFFLUENT QUALITY MONITORING
RESULTS

TABLE F6.1 EFFLUENT MONITORING RESULTS

Date		6 Mar 25
On-site Measurements		
Temperature	°C	19.9
pH Value	pH Unit	8.5
Volume Discharged	m ³	733
Laboratory Analysis		
Suspended Solids (SS)	mg/L	19.5
Alkalinity	mg/L	2040
Ammoniacal-nitrogen	mg/L	0.26
Chloride	mg/L	1860
Nitrite-nitrogen	mg/L	<0.10
Phosphate	mg/L	3.73
Sulphate	mg/L	147
Total Nitrogen	mg/L	67.7
Nitrate-nitrogen	mg/L	22.2
Total Inorganic Nitrogen	mg/L	22.46
Biochemical Oxygen Demand (BOD)	mg/L	10
Chemical Oxygen Demand (COD)	mg/L	958
Oil & Grease	mg/L	<5
Total Organic Carbon (TOC)	mg/L	281
Boron	µg/L	5410
Calcium	mg/L	46.8
Iron	mg/L	1.49
Magnesium	mg/L	37.9
Potassium	mg/L	705
Cadmium	µg/L	<1.0
Chromium	µg/L	95
Copper	µg/L	<10
Nickel	µg/L	102
Zinc	µg/L	34