



ANNEX F6

EFFLUENT QUALITY MONITORING
RESULTS

TABLE F6.1 EFFLUENT MONITORING RESULTS

Date		9 May 24
On-site Measurements		
Temperature	°C	34.3
pH Value	pH Unit	8.3
Volume Discharged	m ³	1365
Laboratory Analysis		
Suspended Solids (SS)	mg/L	23
Alkalinity	mg/L	1120
Ammoniacal-nitrogen	mg/L	0.25
Chloride	mg/L	1520
Nitrite-nitrogen	mg/L	0.11
Phosphate	mg/L	5.22
Sulphate	mg/L	224
Total Nitrogen	mg/L	74.6
Nitrate-nitrogen	mg/L	35.7
Total Inorganic Nitrogen	mg/L	36.06
Biochemical Oxygen Demand (BOD)	mg/L	10
Chemical Oxygen Demand (COD)	mg/L	791
Oil & Grease	mg/L	<5
Total Organic Carbon (TOC)	mg/L	251
Boron	µg/L	3820
Calcium	mg/L	17.7
Iron	mg/L	1.26
Magnesium	mg/L	27.4
Potassium	mg/L	592
Cadmium	µg/L	<1.0
Chromium	µg/L	85
Copper	µg/L	<10
Nickel	µg/L	85
Zinc	µg/L	63