



ANNEX F6

EFFLUENT QUALITY MONITORING
RESULTS

TABLE F6.1 EFFLUENT MONITORING RESULTS

Date		7 Mar 2024
On-site Measurements		
Temperature	°C	19.8
pH Value	pH Unit	8.3
Volume Discharged	m ³	108
Laboratory Analysis		
Suspended Solids (SS)	mg/L	14
Alkalinity	mg/L	2460
Ammoniacal-nitrogen	mg/L	6.55
Chloride	mg/L	2010
Nitrite-nitrogen	mg/L	1.01
Phosphate	mg/L	9.5
Sulphate	mg/L	120
Total Nitrogen	mg/L	76.3
Nitrate-nitrogen	mg/L	22.6
Total Inorganic Nitrogen	mg/L	30.16
Biochemical Oxygen Demand (BOD)	mg/L	26
Chemical Oxygen Demand (COD)	mg/L	1080
Oil & Grease	mg/L	<5
Total Organic Carbon (TOC)	mg/L	344
Boron	µg/L	5600
Calcium	mg/L	22
Iron	mg/L	2.19
Magnesium	mg/L	30
Potassium	mg/L	837
Cadmium	µg/L	<1.0
Chromium	µg/L	134
Copper	µg/L	<10
Nickel	µg/L	121
Zinc	µg/L	52