



ANNEX F6

EFFLUENT QUALITY MONITORING
RESULTS

TABLE F6.1 EFFLUENT MONITORING RESULTS

Date		4 Jan 2024
On-site Measurements		
Temperature	°C	23.9
pH Value	pH Unit	8.3
Volume Discharged	m ³	582
Laboratory Analysis		
Suspended Solids (SS)	mg/L	27.1
Alkalinity	mg/L	1040
Ammoniacal-nitrogen	mg/L	0.13
Chloride	mg/L	1090
Nitrite-nitrogen	mg/L	0.34
Phosphate	mg/L	1.90
Sulphate	mg/L	296
Total Nitrogen	mg/L	90.7
Nitrate-nitrogen	mg/L	63.9
Total Inorganic Nitrogen	mg/L	64.37
Biochemical Oxygen Demand (BOD)	mg/L	6
Chemical Oxygen Demand (COD)	mg/L	609
Oil & Grease	mg/L	<5
Total Organic Carbon (TOC)	mg/L	185
Boron	µg/L	3020
Calcium	mg/L	24.1
Iron	mg/L	1.34
Magnesium	mg/L	23.8
Potassium	mg/L	527
Cadmium	µg/L	<1.0
Chromium	µg/L	69
Copper	µg/L	<10
Nickel	µg/L	67
Zinc	µg/L	40