



ANNEX F6

EFFLUENT QUALITY MONITORING
RESULTS

TABLE F6.1 EFFLUENT MONITORING RESULTS

Date		1 Feb 2024
On-site Measurements		
Temperature	°C	30.3
pH Value	pH Unit	8.4
Volume Discharged	m ³	1390
Laboratory Analysis		
Suspended Solids (SS)	mg/L	40.1
Alkalinity	mg/L	1860
Ammoniacal-nitrogen	mg/L	<1.00
Chloride	mg/L	1960
Nitrite-nitrogen	mg/L	0.14
Phosphate	mg/L	3.84
Sulphate	mg/L	294
Total Nitrogen	mg/L	86.6
Nitrate-nitrogen	mg/L	41.9
Total Inorganic Nitrogen	mg/L	42.04
Biochemical Oxygen Demand (BOD)	mg/L	18
Chemical Oxygen Demand (COD)	mg/L	913
Oil & Grease	mg/L	<5
Total Organic Carbon (TOC)	mg/L	319
Boron	µg/L	4540
Calcium	mg/L	27
Iron	mg/L	1.81
Magnesium	mg/L	38.1
Potassium	mg/L	786
Cadmium	µg/L	<1.0
Chromium	µg/L	102
Copper	µg/L	<10
Nickel	µg/L	110
Zinc	µg/L	43