



ANNEX F6

EFFLUENT QUALITY MONITORING
RESULTS

TABLE F6.1 EFFLUENT MONITORING RESULTS

Date		11 Sep 25
On-site Measurements		
Temperature	°C	32.9
pH Value	pH Unit	7.9
Volume Discharged	m ³	1103
Laboratory Analysis		
Suspended Solids (SS)	mg/L	20.9
Alkalinity	mg/L	1280
Ammoniacal-nitrogen	mg/L	5.9
Chloride	mg/L	1400
Nitrite-nitrogen	mg/L	1.58
Phosphate	mg/L	<0.1
Sulphate	mg/L	111
Total Nitrogen	mg/L	99.6
Nitrate-nitrogen	mg/L	39.8
Total Inorganic Nitrogen	mg/L	47.28
Biochemical Oxygen Demand (BOD)	mg/L	21
Chemical Oxygen Demand (COD)	mg/L	851
Oil & Grease	mg/L	<5
Total Organic Carbon (TOC)	mg/L	279
Boron	µg/L	4560
Calcium	mg/L	41.8
Iron	mg/L	1.22
Magnesium	mg/L	53.8
Potassium	mg/L	521
Cadmium	µg/L	<1.0
Chromium	µg/L	94
Copper	µg/L	<10
Nickel	µg/L	68
Zinc	µg/L	85