



ANNEX F6

EFFLUENT QUALITY MONITORING
RESULTS

TABLE F6.1 EFFLUENT MONITORING RESULTS

Date		2 Oct 25
On-site Measurements		
Temperature	°C	33.9
pH Value	pH Unit	8
Volume Discharged	m ³	1118
Laboratory Analysis		
Suspended Solids (SS)	mg/L	18.9
Alkalinity	mg/L	1030
Ammoniacal-nitrogen	mg/L	2.8
Chloride	mg/L	1300
Nitrite-nitrogen	mg/L	1.73
Phosphate	mg/L	0.03
Sulphate	mg/L	182
Total Nitrogen	mg/L	111
Nitrate-nitrogen	mg/L	49.4
Total Inorganic Nitrogen	mg/L	53.93
Biochemical Oxygen Demand (BOD)	mg/L	14
Chemical Oxygen Demand (COD)	mg/L	665
Oil & Grease	mg/L	<5
Total Organic Carbon (TOC)	mg/L	204
Boron	µg/L	4190
Calcium	mg/L	37.6
Iron	mg/L	0.98
Magnesium	mg/L	46.8
Potassium	mg/L	445
Cadmium	µg/L	<1.0
Chromium	µg/L	91
Copper	µg/L	<10
Nickel	µg/L	52
Zinc	µg/L	63