



ANNEX F6

EFFLUENT QUALITY MONITORING
RESULTS

TABLE F6.1 EFFLUENT MONITORING RESULTS

Date		8 May 25
On-site Measurements		
Temperature	°C	28.5
pH Value	pH Unit	8.4
Volume Discharged	m ³	1,132
Laboratory Analysis		
Suspended Solids (SS)	mg/L	167
Alkalinity	mg/L	1580
Ammoniacal-nitrogen	mg/L	0.3
Chloride	mg/L	2080
Nitrite-nitrogen	mg/L	0.17
Phosphate	mg/L	2.54
Sulphate	mg/L	221
Total Nitrogen	mg/L	77.1
Nitrate-nitrogen	mg/L	48.8
Total Inorganic Nitrogen	mg/L	49.27
Biochemical Oxygen Demand (BOD)	mg/L	14
Chemical Oxygen Demand (COD)	mg/L	872
Oil & Grease	mg/L	<5
Total Organic Carbon (TOC)	mg/L	301
Boron	µg/L	4760
Calcium	mg/L	69.1
Iron	mg/L	1.32
Magnesium	mg/L	71
Potassium	mg/L	636
Cadmium	µg/L	<1.0
Chromium	µg/L	94
Copper	µg/L	<10
Nickel	µg/L	86
Zinc	µg/L	45