

Annex F6

Effluent Quality Monitoring Results

Table F6.1 Effluent Monitoring Results

		2 Aug 23
On-site Measurements		
Temperature	°C	35.8
pH Value	pH Unit	8.4
Volume Discharged	m ³	728
Laboratory Analysis		
Suspended Solids (SS)	mg/L	39.8
Alkalinity	mg/L	2300
Ammoniacal-nitrogen	mg/L	0.02
Chloride	mg/L	2380
Nitrite-nitrogen	mg/L	0.22
Phosphate	mg/L	8.28
Sulphate	mg/L	244
Total Nitrogen	mg/L	119.0
Nitrate-nitrogen	mg/L	59.5
Total Inorganic Nitrogen	mg/L	59.74
Biochemical Oxygen Demand (BOD)	mg/L	9
Chemical Oxygen Demand (COD)	mg/L	1130
Oil & Grease	mg/L	<5
Total Organic Carbon (TOC)	mg/L	354
Boron	µg/L	6000
Calcium	mg/L	21.7
Iron	mg/L	1.84
Magnesium	mg/L	31.2
Potassium	mg/L	869
Cadmium	µg/L	<1.0
Chromium	µg/L	129
Copper	µg/L	<10
Nickel	µg/L	126
Zinc	µg/L	82