

Annex F6

Effluent Quality Monitoring Results

Table F6.1 Effluent Monitoring Results

		5 Oct 23
On-site Measurements		
Temperature	°C	35.4
pH Value	pH Unit	8.3
Volume Discharged	m ³	1080
Laboratory Analysis		
Suspended Solids (SS)	mg/L	31.1
Alkalinity	mg/L	1580
Ammoniacal-nitrogen	mg/L	0.22
Chloride	mg/L	1910
Nitrite-nitrogen	mg/L	<0.10
Phosphate	mg/L	2.82
Sulphate	mg/L	252
Total Nitrogen	mg/L	132
Nitrate-nitrogen	mg/L	79
Total Inorganic Nitrogen	mg/L	79.22
Biochemical Oxygen Demand (BOD)	mg/L	20
Chemical Oxygen Demand (COD)	mg/L	885
Oil & Grease	mg/L	<5
Total Organic Carbon (TOC)	mg/L	270
Boron	µg/L	4610
Calcium	mg/L	34.6
Iron	mg/L	1.6
Magnesium	mg/L	34.2
Potassium	mg/L	712
Cadmium	µg/L	<1.0
Chromium	µg/L	105
Copper	µg/L	12
Nickel	µg/L	97
Zinc	µg/L	98