

Annex F6

Effluent Quality Monitoring Results

Table F6.1 Effluent Monitoring Results

		2 Nov 23
On-site Measurements		
Temperature	°C	33.1
pH Value	pH Unit	8.4
Volume Discharged	m ³	1164
Laboratory Analysis		
Suspended Solids (SS)	mg/L	19.4
Alkalinity	mg/L	1420
Ammoniacal-nitrogen	mg/L	0.2
Chloride	mg/L	1770
Nitrite-nitrogen	mg/L	0.02
Phosphate	mg/L	0.11
Sulphate	mg/L	165
Total Nitrogen	mg/L	95
Nitrate-nitrogen	mg/L	54.4
Total Inorganic Nitrogen	mg/L	54.62
Biochemical Oxygen Demand (BOD)	mg/L	18
Chemical Oxygen Demand (COD)	mg/L	701
Oil & Grease	mg/L	<5
Total Organic Carbon (TOC)	mg/L	260
Boron	µg/L	3880
Calcium	mg/L	50.8
Iron	mg/L	1.38
Magnesium	mg/L	53.4
Potassium	mg/L	550
Cadmium	µg/L	<1.0
Chromium	µg/L	93
Copper	µg/L	<10
Nickel	µg/L	78
Zinc	µg/L	73