

Annex F6

Effluent Quality Monitoring Results

Table F6.1 Effluent Monitoring Results

		1 Jun 23
On-site Measurements		
Temperature	°C	36.6
pH Value	pH Unit	8.5
Volume Discharged	m ³	799
Laboratory Analysis		
Suspended Solids (SS)	mg/L	158
Alkalinity	mg/L	2280
Ammoniacal-nitrogen	mg/L	0.38
Chloride	mg/L	1980
Nitrite-nitrogen	mg/L	0.14
Phosphate	mg/L	5.76
Sulphate	mg/L	142
Total Nitrogen	mg/L	85.9
Nitrate-nitrogen	mg/L	35.7
Total Inorganic Nitrogen	mg/L	36.22
Biochemical Oxygen Demand (BOD)	mg/L	21
Chemical Oxygen Demand (COD)	mg/L	809
Oil & Grease	mg/L	<5
Total Organic Carbon (TOC)	mg/L	314
Boron	µg/L	5710
Calcium	mg/L	18.7
Iron	mg/L	2
Magnesium	mg/L	27.8
Potassium	mg/L	820
Cadmium	µg/L	<1.0
Chromium	µg/L	123
Copper	µg/L	<10
Nickel	µg/L	125
Zinc	µg/L	72