

Annex F6

Effluent Quality Monitoring Results

Table F6.1 Effluent Monitoring Results

		4 Apr 23
On-site Measurements		
Temperature	°C	30.8
pH Value	pH Unit	8.7
Volume Discharged	m ³	438
Laboratory Analysis		
Suspended Solids (SS)	mg/L	40.0
Alkalinity	mg/L	2270
Ammoniacal-nitrogen	mg/L	0.24
Chloride	mg/L	1660
Nitrite-nitrogen	mg/L	0.11
Phosphate	mg/L	9.50
Sulphate	mg/L	104
Total Nitrogen	mg/L	52.2
Nitrate-nitrogen	mg/L	20.7
Total Inorganic Nitrogen	mg/L	21.05
Biochemical Oxygen Demand (BOD)	mg/L	12
Chemical Oxygen Demand (COD)	mg/L	1120
Oil & Grease	mg/L	<5
Total Organic Carbon (TOC)	mg/L	406
Boron	µg/L	5930
Calcium	mg/L	18.0
Iron	mg/L	2
Magnesium	mg/L	29.0
Potassium	mg/L	908
Cadmium	µg/L	<1.0
Chromium	µg/L	167
Copper	µg/L	<10
Nickel	µg/L	134
Zinc	µg/L	102