

Annex F6

Effluent Quality Monitoring Results

Table F6.1 Effluent Monitoring Results

		7 Sep 22
On-site Measurements		
Temperature	°C	32.9
pH Value	pH Unit	8.4
Volume Discharged	m ³	1,251
Laboratory Analysis		
Suspended Solids (SS)	mg/L	25.4
Alkalinity	mg/L	1980
Ammoniacal-nitrogen	mg/L	0.29
Chloride	mg/L	1730
Nitrite-nitrogen	mg/L	0.11
Phosphate	mg/L	5.73
Sulphate	mg/L	149
Total Nitrogen	mg/L	86.5
Nitrate-nitrogen	mg/L	45.7
Total Inorganic Nitrogen	mg/L	46.10
Biochemical Oxygen Demand (BOD)	mg/L	8
Chemical Oxygen Demand (COD)	mg/L	1110
Oil & Grease	mg/L	<5
Total Organic Carbon (TOC)	mg/L	273
Boron	µg/L	4850
Calcium	mg/L	29.2
Iron	mg/L	1.38
Magnesium	mg/L	19.5
Potassium	mg/L	785
Cadmium	µg/L	<1.0
Chromium	µg/L	109
Copper	µg/L	<10
Nickel	µg/L	108
Zinc	µg/L	58