

Annex F6

Effluent Quality Monitoring Results

Table F6.1 Effluent Monitoring Results

		7 Sep 23
On-site Measurements		
Temperature	°C	33
pH Value	pH Unit	8.3
Volume Discharged	m ³	775
Laboratory Analysis		
Suspended Solids (SS)	mg/L	28.3
Alkalinity	mg/L	1260
Ammoniacal-nitrogen	mg/L	0.44
Chloride	mg/L	1510
Nitrite-nitrogen	mg/L	<0.10
Phosphate	mg/L	2.28
Sulphate	mg/L	451
Total Nitrogen	mg/L	104
Nitrate-nitrogen	mg/L	53.7
Total Inorganic Nitrogen	mg/L	54.14
Biochemical Oxygen Demand (BOD)	mg/L	11
Chemical Oxygen Demand (COD)	mg/L	675
Oil & Grease	mg/L	<5
Total Organic Carbon (TOC)	mg/L	254
Boron	µg/L	3850
Calcium	mg/L	37.2
Iron	mg/L	1.13
Magnesium	mg/L	36
Potassium	mg/L	555
Cadmium	µg/L	<1.0
Chromium	µg/L	85
Copper	µg/L	11
Nickel	µg/L	82
Zinc	µg/L	114