

Annex F6

## Effluent Quality Monitoring Results

**Table F6.1 Effluent Monitoring Results**

		6 Dec 22
<b>On-site Measurements</b>		
Temperature	°C	20.4
pH Value	pH Unit	8.3
Volume Discharged	m <sup>3</sup>	1,995
<b>Laboratory Analysis</b>		
Suspended Solids (SS)	mg/L	51.2
Alkalinity	mg/L	1540
Ammoniacal-nitrogen	mg/L	0.16
Chloride	mg/L	2200
Nitrite-nitrogen	mg/L	0.32
Phosphate	mg/L	12.70
Sulphate	mg/L	97
Total Nitrogen	mg/L	128.0
Nitrate-nitrogen	mg/L	41.0
Total Inorganic Nitrogen	mg/L	41.48
Biochemical Oxygen Demand (BOD)	mg/L	25
Chemical Oxygen Demand (COD)	mg/L	1600
Oil & Grease	mg/L	<5
Total Organic Carbon (TOC)	mg/L	622
Boron	µg/L	4380
Calcium	mg/L	33.6
Iron	mg/L	3.33
Magnesium	mg/L	33.5
Potassium	mg/L	1020
Cadmium	µg/L	<1.0
Chromium	µg/L	343
Copper	µg/L	29
Nickel	µg/L	163
Zinc	µg/L	234